

Spain

TRENDS AND SOURCES OF ZOONOSES AND ZONOTIC AGENTS IN FOODSTUFFS, ANIMALS AND FEEDINGSTUFFS

including information on foodborne outbreaks,
antimicrobial resistance in zoonotic and indicator bacteria
and some pathogenic microbiological agents

IN 2019

PREFACE

This report is submitted to the European Commission in accordance with Article 9 of Council Directive 2003/99/EC*. The information has also been forwarded to the European Food Safety Authority (EFSA).

The report contains information on trends and sources of zoonoses and zoonotic agents in Spain during the year 2019.

The information covers the occurrence of these diseases and agents in animals, foodstuffs and in some cases also in feedingstuffs. In addition the report includes data on antimicrobial resistance in some zoonotic agents and indicator bacteria as well as information on epidemiological investigations of foodborne outbreaks.

Complementary data on susceptible animal populations in the country is also given. The information given covers both zoonoses that are important for the public health in the whole European Union as well as zoonoses, which are relevant on the basis of the national epidemiological situation.

The report describes the monitoring systems in place and the prevention and control strategies applied in the country. For some zoonoses this monitoring is based on legal requirements laid down by the European Union legislation, while for the other zoonoses national approaches are applied.

The report presents the results of the examinations carried out in the reporting year. A national evaluation of the epidemiological situation, with special reference to trends and sources of zoonotic infections, is given. Whenever possible, the relevance of findings in foodstuffs and animals to zoonoses cases in humans is evaluated.

The information covered by this report is used in the annual European Union Summary Reports on zoonoses and antimicrobial resistance that are published each year by EFSA.

The national report contains two parts: tables summarising data reported in the Data Collection Framework and the related text forms. The text forms were sent by email as pdf files and they are incorporated at the end of the report.

* Directive 2003/ 99/ EC of the European Parliament and of the Council of 12 December 2003 on the monitoring of zoonoses and zoonotic agents, amending Decision 90/ 424/ EEC and repealing Council Directive 92/ 117/ EEC, OJ L 325, 17.11.2003, p. 31

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ANIMAL POPULATION TABLES

Table Susceptible animal population

Animal species	Category of animals	Population	
		holding	animal
Cattle (bovine animals)	Cattle (bovine animals)	122,305	5,601,475
	Cattle (bovine animals) - calves (under 1 year)	21,129	2,489,579
	Cattle (bovine animals) - dairy cows and heifers	13,838	835,324
	Cattle (bovine animals) - meat production animals	87,338	2,276,572
Ducks	Ducks - breeding flocks, unspecified	125	291,200
Gallus gallus (fowl)	Gallus gallus (fowl) - breeding flocks, unspecified	316	7,169,530
	Gallus gallus (fowl) - broilers	4,994	343,362,957
	Gallus gallus (fowl) - grandparent breeding flocks, unspecified - unspecified	52	16,289,282
	Gallus gallus (fowl) - laying hens	1,393	41,189,970
	Gallus gallus (fowl) - parent breeding flocks, unspecified - unspecified	386	37,217,061
Geese	Geese - breeding flocks, unspecified	87	4,689
Goats	Goats	71,437	4,984,580
Pigs	Pigs	72,404	31,828,141
	Pigs - breeding animals	366	2,282,449
	Pigs - breeding animals - unspecified - sows and boars	54,622	20,782,535
	Pigs - fattening pigs	4,917	5,023,501
	Pigs - mixed herds	12,499	3,739,656
Sheep	Sheep	108,013	28,908,731
Solipeds, domestic	Solipeds, domestic - horses	190,017	632,396
Turkeys	Turkeys - breeding flocks, unspecified	58	351,864
	Turkeys - meat production flocks	814	8,709,949

DISEASE STATUS TABLES

Table Bovine brucellosis - data on animals - Community co-financed eradication programmes

Region	Total number of animals	Number of animals to be tested under the program	Number of animals tested	Number of animals tested individually	Number of positive animals	Number of positive animals slaughtered	Total number of animals slaughtered
SPAIN	6,544,534	3,274,228	3,053,768	2,534,725	3	35	381
Galicia	948,235	615,709	602,120	96,406	0	0	0
Principado de Asturias	392,087	62,256	62,256	62,256	0	0	0
Cantabria (NUTS level 2)	271,617	227,043	227,043	227,043	0	0	298
País Vasco	135,220	75,521	75,521	71,556	0	0	0
Comunidad Foral de Navarra	122,380	74,220	74,220	74,220	0	0	0
La Rioja (NUTS level 2)	41,201	20,041	20,010	20,010	0	0	0
Aragón	342,196	72,062	72,062	72,062	0	4	4
Comunidad de Madrid (NUTS level 2)	86,496	53,429	53,429	53,429	0	0	1
Castilla y León	1,354,924	731,333	731,333	731,333	3	3	53
Castilla-La Mancha	505,263	42,521	42,521	42,521	0	0	0
Extremadura	983,899	606,698	606,698	606,698	0	22	22
Cataluña	629,892	160,835	123,632	123,632	0	2	2
Comunidad Valenciana	58,022	22,973	8,246	8,246	0	0	0
Illes Balears	27,823	10,166	10,166	802	0	0	1
Andalucía	543,636	495,021	340,111	340,111	0	4	0
Región de Murcia	82,235	96	96	96	0	0	0
Canarias (NUTS level 2)	19,408	4,304	4,304	4,304	0	0	0

Table Bovine brucellosis - data on herds - Community co-financed eradication programmes

Region	Number of new positive herds	Number of depopulated herds	Total number of herds	Number of herds under the program	Number of herds under the program tested/checked	Number of positive herds
SPAIN	0	0	109,987	107,814	65,804	0
Galicia	0	0	32,112	32,105	13,905	0
Principado de Asturias	0	0	14,951	14,951	3,950	0
Cantabria (NUTS level 2)	0	0	6,738	6,711	6,651	0
País Vasco	0	0	5,245	5,245	3,553	0
Comunidad Foral de Navarra	0	0	1,549	1,549	1,414	0
La Rioja (NUTS level 2)	0	0	309	309	260	0
Aragón	0	0	3,191	3,189	1,483	0
Comunidad de Madrid (NUTS level 2)	0	0	1,413	1,413	1,413	0
Castilla y León	0	0	16,431	15,446	11,260	0
Castilla-La Mancha	0	0	3,124	3,124	658	0
Extremadura	0	0	11,285	10,172	10,172	0
Cataluña	0	0	4,914	4,914	4,906	0
Comunidad Valenciana	0	0	601	599	94	0
Illes Balears	0	0	533	533	181	0
Andalucía	0	0	6,495	6,458	5,547	0
Región de Murcia	0	0	346	346	14	0
Canarias (NUTS level 2)	0	0	750	750	343	0

Table Bovine brucellosis - data on status of herds at the end of the period - Community co-financed eradication programmes

Region	Number of herds with unknown status, at the end of the period	Number of animals with unknown status, at the end of the period	Number of herds with status not free or not officially free and last check positive, at the end of the period	Number of animals with status not free or not officially free and last check positive, at the end of the period	Number of herds with status not free or not officially free and last check negative, at the end of the period	Number of animals with status not free or not officially free and last check negative, at the end of the period	Number of herds with status free or officially free suspended, at the end of the period	Number of animals with status free or officially free suspended, at the end of the period	Number of herds with status free, at the end of the period	Number of animals with status free, at the end of the period	Number of herds with status officially free, at the end of the period	Number of animals with status officially free, at the end of the period
SPAIN	0	0	0	0	150	8,193	23	1,250	4	2,615	107,055	6,444,245
Galicia	0	0	0	0	0	0	0	0	0	0	30,815	939,751
Principado de Asturias	0	0	0	0	0	0	0	0	0	0	14,951	392,087
Cantabria (NUTS level 2)	0	0	0	0	0	0	8	98	0	0	6,570	274,584
País Vasco	0	0	0	0	0	0	0	0	0	0	5,245	135,220
Comunidad Foral de Navarra	0	0	0	0	0	0	0	0	0	0	1,549	122,380
La Rioja (NUTS level 2)	0	0	0	0	0	0	0	0	0	0	307	39,467
Aragón	0	0	0	0	0	0	0	0	0	0	3,192	342,196
Comunidad de Madrid (NUTS level 2)	0	0	0	0	0	0	0	0	0	0	1,413	53,429
Castilla y León	0	0	0	0	147	7,475	3	401	2	11	15,294	1,347,037
Castilla-La Mancha	0	0	0	0	0	0	0	0	0	0	3,124	505,263
Extremadura	0	0	0	0	3	718	0	0	0	0	11,107	977,095
Cataluña	0	0	0	0	0	0	0	0	2	2,604	4,876	627,115
Comunidad Valenciana	0	0	0	0	0	0	0	0	0	0	578	22,372
Illes Balears	0	0	0	0	0	0	0	0	0	0	528	27,465
Andalucía	0	0	0	0	0	0	12	751	0	0	6,410	537,141
Región de Murcia	0	0	0	0	0	0	0	0	0	0	346	82,235
Canarias (NUTS level 2)	0	0	0	0	0	0	0	0	0	0	750	19,408

Table Ovine or Caprine brucellosis - data on animals - Community co-financed eradication programmes

Region	Total number of animals	Number of animals to be tested under the program	Number of animals tested	Number of animals tested individually	Number of positive animals	Number of positive animals slaughtered	Total number of animals slaughtered
SPAIN	17,457,788	6,723,062	4,132,221	3,038,788	2	22	636
Galicia	199,530	73,984	64,114	0	0	0	0
Principado de Asturias	97,722	5,148	5,148	5,148	0	0	0
Cantabria (NUTS level 2)	102,256	12,120	12,120	12,120	0	0	0
País Vasco	251,581	111,231	111,231	89,609	0	0	0
Comunidad Foral de Navarra	486,637	90,418	90,418	42,373	0	0	0
La Rioja (NUTS level 2)	94,000	34,829	34,808	11,927	0	0	0
Aragón	1,272,786	152,279	152,279	152,279	0	2	2
Comunidad de Madrid (NUTS level 2)	90,893	20,640	20,640	20,640	0	0	0
Castilla y León	2,847,973	194,637	194,637	194,637	0	3	24
Castilla-La Mancha	2,474,190	2,474,190	419,401	419,401	0	0	0
Extremadura	3,974,005	374,977	374,977	374,977	0	10	10
Cataluña	422,626	422,626	422,074	85,962	0	0	5
Comunidad Valenciana	392,759	392,759	111,727	42,179	0	0	0
Illes Balears	293,394	48,108	48,108	25,607	0	0	0
Andalucía	3,483,488	1,844,830	1,789,789	1,443,836	2	2	590
Región de Murcia	723,477	250,349	250,349	87,692	0	5	5
Canarias (NUTS level 2)	250,471	219,937	30,401	30,401	0	0	0

Table Ovine or Caprine brucellosis - data on herds - Community co-financed eradication programmes

Region	Number of new positive herds	Number of depopulated herds	Total number of herds	Number of herds under the program	Number of herds under the program tested/checked	Number of positive herds
SPAIN	0	1	112,016	111,920	38,355	1
Galicia	0	0	18,319	18,319	5,803	0
Principado de Asturias	0	0	6,736	6,736	379	0
Cantabria (NUTS level 2)	0	0	6,400	6,400	267	0
País Vasco	0	0	9,098	9,098	4,856	0
Comunidad Foral de Navarra	0	0	2,563	2,563	616	0
La Rioja (NUTS level 2)	0	0	382	382	124	0
Aragón	0	0	3,402	3,402	850	0
Comunidad de Madrid (NUTS level 2)	0	0	668	668	192	0
Castilla y León	0	0	10,501	10,501	718	0
Castilla-La Mancha	0	0	6,409	6,409	1,287	0
Extremadura	0	0	16,871	16,871	5,441	0
Cataluña	0	0	3,555	3,555	3,496	0
Comunidad Valenciana	0	0	1,409	1,409	539	0
Illes Balears	0	0	4,030	4,030	860	0
Andalucía	0	1	17,738	17,642	11,631	1
Región de Murcia	0	0	1,798	1,798	703	0
Canarias (NUTS level 2)	0	0	2,137	2,137	593	0

Table Ovine or Caprine brucellosis - data on status of herds at the end of the period - Community co-financed eradication programmes

Region	Number of herds with unknown status, at the end of the period	Number of animals with unknown status, at the end of the period	Number of herds with status not free or not officially free and last check positive, at the end of the period	Number of animals with status not free or not officially free and last check positive, at the end of the period	Number of herds with status not free or not officially free and last check negative, at the end of the period	Number of animals with status not free or not officially free and last check negative, at the end of the period	Number of herds with status free or officially free suspended, at the end of the period	Number of animals with status free or officially free suspended, at the end of the period	Number of herds with status free, at the end of the period	Number of animals with status free, at the end of the period	Number of herds with status officially free, at the end of the period	Number of animals with status officially free, at the end of the period
SPAIN	1	13	0	0	70	7,318	11	3,480	1,820	484,578	108,262	16,658,568
Galicia	0	0	0	0	0	0	0	0	0	0	17,734	185,613
Principado de Asturias	0	0	0	0	0	0	0	0	0	0	6,736	97,722
Cantabria (NUTS level 2)	0	0	0	0	0	0	0	0	0	0	6,400	102,256
País Vasco	0	0	0	0	0	0	0	0	0	0	9,098	251,581
Comunidad Foral de Navarra	0	0	0	0	0	0	0	0	0	0	2,563	486,637
La Rioja (NUTS level 2)	0	0	0	0	0	0	0	0	0	0	382	94,000
Aragón	0	0	0	0	0	0	0	0	0	0	3,402	1,272,786
Comunidad de Madrid (NUTS level 2)	0	0	0	0	0	0	0	0	0	0	668	90,893
Castilla y León	0	0	0	0	0	0	1	3,169	0	0	10,500	2,844,804
Castilla-La Mancha	0	0	0	0	0	0	0	0	0	0	6,409	2,474,190
Extremadura	0	0	0	0	0	0	0	0	0	0	16,706	3,965,112
Cataluña	0	0	0	0	0	0	0	0	0	0	3,501	408,809
Comunidad Valenciana	0	0	0	0	0	0	0	0	0	0	1,344	388,337
Illes Balears	0	0	0	0	0	0	0	0	0	0	4,030	293,394
Andalucía	1	13	0	0	70	7,318	10	311	1,820	484,578	14,933	2,857,155
Región de Murcia	0	0	0	0	0	0	0	0	0	0	1,719	594,808
Canarias (NUTS level 2)	0	0	0	0	0	0	0	0	0	0	2,137	250,471

DISEASE STATUS TABLES

Table Bovine tuberculosis - data on animals - Community co-financed eradication programmes

Region	Total number of animals	Number of animals to be tested under the program	Number of animals tested	Number of animals tested individually	Number of positive animals	Number of positive animals slaughtered	Total number of animals slaughtered
SPAIN	6,627,569	5,373,429	5,298,841	5,245,733	14,958	17,416	22,703
Galicia	948,235	856,451	786,184	786,184	71	68	1,420
Principado de Asturias	389,167	367,272	367,272	367,272	151	151	677
Cantabria (NUTS level 2)	271,617	267,689	267,689	267,689	128	128	351
País Vasco	135,220	94,680	94,680	94,680	6	6	7
Comunidad Foral de Navarra	122,380	101,952	101,952	101,952	227	227	385
La Rioja (NUTS level 2)	41,201	34,801	34,801	29,582	188	188	188
Aragón	342,196	115,128	115,122	115,122	60	61	121
Comunidad de Madrid (NUTS level 2)	86,496	74,995	74,995	74,995	186	186	248
Castilla y León	1,354,924	1,132,306	1,132,306	1,132,306	2,150	2,062	4,411
Castilla-La Mancha	505,263	384,560	384,560	384,560	3,054	3,054	3,374
Extremadura	1,003,742	952,655	952,655	952,655	3,630	6,213	5,530
Cataluña	629,892	259,822	259,475	259,323	27	27	27
Comunidad Valenciana	58,022	38,944	38,172	38,172	227	227	236
Illes Balears	27,823	14,267	14,267	14,267	0	0	135
Andalucía	609,748	577,696	574,503	574,503	4,853	4,810	5,585
Región de Murcia	82,235	82,235	82,232	34,495	0	0	0
Canarias (NUTS level 2)	19,408	17,976	17,976	17,976	0	8	8

Table Bovine tuberculosis - data on herds - Community co-financed eradication programmes

Region	Number of new positive herds	Number of depopulated herds	Total number of herds	Number of herds under the program	Number of herds under the program tested/checked	Number of positive herds
SPAIN	908	39	110,296	107,890	98,643	1,875
Galicia	7	4	32,112	32,105	25,816	8
Principado de Asturias	12	8	14,951	14,951	14,907	14
Cantabria (NUTS level 2)	30	0	6,738	6,689	6,689	33
País Vasco	0	0	5,245	5,245	3,870	0
Comunidad Foral de Navarra	3	0	1,549	1,549	1,549	5
La Rioja (NUTS level 2)	16	0	309	275	275	18
Aragón	8	1	3,192	3,192	3,188	9
Comunidad de Madrid (NUTS level 2)	20	2	1,413	1,351	1,351	33
Castilla y León	164	13	16,431	15,446	15,446	219
Castilla-La Mancha	114	2	3,124	2,527	2,450	366
Extremadura	331	3	11,285	10,903	10,108	672

Region	Number of new positive herds	Number of depopulated herds	Total number of herds	Number of herds under the program	Number of herds under the program tested/checked	Number of positive herds
Cataluña	2	0	4,914	4,903	4,883	2
Comunidad Valenciana	7	0	601	599	466	13
Illes Balears	0	0	533	533	263	0
Andalucía	194	6	6,803	6,526	6,368	483
Región de Murcia	0	0	346	346	345	0
Canarias (NUTS level 2)	0	0	750	750	669	0

Table Bovine tuberculosis - data on status of herds at the end of the period - Community co-financed eradication programmes

Region	Number of herds with unknown status, at the end of the period	Number of animals with unknown status, at the end of the period	Number of herds with status not free or not officially free and last check positive, at the end of the period	Number of animals with status not free or not officially free and last check positive, at the end of the period	Number of herds with status not free or not officially free and last check negative, at the end of the period	Number of animals with status not free or not officially free and last check negative, at the end of the period	Number of herds with status free or officially free suspended, at the end of the period	Number of animals with status free or officially free suspended, at the end of the period	Number of herds with status free, at the end of the period	Number of animals with status free, at the end of the period	Number of herds with status officially free, at the end of the period	Number of animals with status officially free, at the end of the period
SPAIN	77	4,750	1,393	217,550	1,699	178,650	537	56,655	0	0	102,315	5,898,101
Galicia	3	441	25	911	4	44	0	0	0	0	30,783	938,355
Principado de Asturias	0	0	0	0	1	7	11	682	0	0	14,939	388,478
Cantabria (NUTS level 2)	0	0	13	993	7	642	59	2,486	0	0	6,477	269,235
Pais Vasco	0	0	0	0	0	0	0	0	0	0	5,245	135,220
Comunidad Foral de Navarra	0	0	1	137	2	97	0	0	0	0	1,546	122,146
La Rioja (NUTS level 2)	0	0	6	704	5	970	0	0	0	0	266	33,207
Aragón	0	0	6	476	5	188	12	1,333	0	0	3,169	340,199
Comunidad de Madrid (NUTS level 2)	0	0	26	2,835	13	1,216	3	78	0	0	1,309	76,963
Castilla y León	44	2,246	617	81,401	392	44,956	4	143	0	0	14,389	1,226,178
Castilla-La Mancha	0	0	218	45,636	178	33,346	77	8,438	0	0	2,054	311,998
Extremadura	0	0	266	54,203	815	70,979	296	35,167	0	0	9,416	779,801
Cataluña	0	0	0	0	3	902	8	132	0	0	4,867	628,685
Comunidad Valenciana	0	0	0	0	0	0	32	3,405	0	0	543	51,369
Illes Balears	0	0	0	0	0	0	0	0	0	0	528	27,465
Andalucía	30	2,063	215	30,254	270	25,264	31	3,315	0	0	5,696	468,674
Región de Murcia	0	0	0	0	4	39	4	1,476	0	0	338	80,720
Canarias (NUTS level 2)	0	0	0	0	0	0	0	0	0	0	750	19,408

PREVALENCE TABLES

Table Brucella:BRUCELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
SPAIN	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	457	1	Brucella suis - biovar 2	1
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	10	0	Brucella	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	1381	56	Brucella suis - biovar 2	56

Table Brucella:BRUCELLA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Madrid (NUTS level 3)	Cheeses, made from unspecified milk or other animal milk - Retail - Not Available - food sample - Monitoring - active - Official sampling - Objective sampling	single (food/feed)	100	Gram	DATA FROM CCMadrid	Microbiological special tests	5	0	Brucella	0

Table Campylobacter:CAMPYLOBACTER in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
SPAIN	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Spain - animal sample - caecum - Monitoring - active - Official sampling - Objective sampling	N_A	Not Available	slaughter animal batch	398	173	Campylobacter coli	39
							Campylobacter jejuni	155
	Pigs - fattening pigs - Slaughterhouse - Spain - animal sample - caecum - Monitoring - active - Official sampling - Objective sampling	N_A	Not Available	slaughter animal batch	378	132	Campylobacter coli	130
							Campylobacter jejuni	2

Table Campylobacter:CAMPYLOBACTER in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	4	0	Campylobacter	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	5	0	Campylobacter	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	20	0	Campylobacter	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	63	0	Campylobacter	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla La Mancha	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla La Mancha	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla La Mancha	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla La Mancha	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from sheep's milk - hard - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla La Mancha	ISO 10272-1:2017 Campylobacter	3	0	Campylobacter	0
	Cheeses made from sheep's milk - hard - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla La Mancha	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla La Mancha	ISO 10272-1:2017 Campylobacter	4	0	Campylobacter	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	32	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	9	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	20	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Egg products - liquid - white - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Egg products - liquid - whole - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Eggs - table eggs - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	5	0	Campylobacter	0
	Fish - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Fish - smoked - hot-smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Fruits - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0
	Meat from bovine animals - fresh - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from bovine animals - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Meat from bovine animals - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	10	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	7	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	7	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	5	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	18	0	Campylobacter	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	8	0	Campylobacter	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	6	0	Campylobacter	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	5	0	Campylobacter	0
	Meat from bovine animals and pig - minced meat - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	5	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	slaughter animal batch	10	Gram	Data from MURCIA	Enumeration method	29	19	Campylobacter, unspecified sp.	19

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Castilla La Mancha	ISO 10272-2:2017 Campylobacter	100	100	Campylobacter, unspecified sp.	100
					Data from Valencia	ISO 10272-2:2017 Campylobacter	250	113	Campylobacter coli Campylobacter jejuni	17 96
Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	DATA FROM ANDALUCIA	Enumeration method	50	6	Campylobacter Campylobacter, unspecified sp.	0 6	
				Data from Canarias	Enumeration method	322	68	Campylobacter, unspecified sp.	68	
				Data from Extremadura	Enumeration method	8	1	Campylobacter, unspecified sp.	1	
Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Euskadi	ISO 10272-2:2017 Campylobacter	50	17	Campylobacter, unspecified sp.	17	
				data from navarra	ISO 10272-2:2017 Campylobacter	340	56	Campylobacter, unspecified sp.	56	
Meat from broilers (Gallus gallus) - fresh - Border inspection activities - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from BCP	ISO 10272-1:2017 Campylobacter	65	0	Campylobacter	0	
				Data rom BCP	ISO 10272-1:2017 Campylobacter	5	1	Campylobacter, unspecified sp.	1	
Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	9	6	Campylobacter jejuni	6	
Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0	
Meat from broilers (Gallus gallus) - fresh - frozen - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0	
Meat from broilers (Gallus gallus) - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Principado de Asturias	ISO 10272-1:2006 Campylobacter	100	78	Campylobacter coli Campylobacter jejuni	24 54	
Meat from broilers (Gallus gallus) - fresh - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0	
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	7	1	Campylobacter coli	1	
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	ISO 10272-1:2017 Campylobacter	1	1	Campylobacter, unspecified sp.	1	
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0	
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	9	0	Campylobacter	0	
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	18	0	Campylobacter	0	
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0	
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	ISO 10272-1:2017 Campylobacter	13	11	Campylobacter, unspecified sp.	11	
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	4	4	Campylobacter coli Campylobacter jejuni	2 2	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from broilers (Gallus gallus) - offal - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - offal - unspecified - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	2	1	Campylobacter, unspecified sp.	1
	Meat from goat - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	4	1	Campylobacter coli	1
	Meat from goat - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	3	0	Campylobacter	0
	Meat from goat - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from horse - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	5	1	Campylobacter jejuni	1
	Meat from other animal species or not specified - meat preparation - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	10	0	Campylobacter	0
	Meat from other animal species or not specified - meat preparation - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	10	0	Campylobacter	0
	Meat from other poultry species - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	6	4	Campylobacter jejuni	4
	Meat from other poultry species - fresh - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	13	0	Campylobacter	0
	Meat from pig - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from pig - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	6	0	Campylobacter	0
	Meat from pig - fresh - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	6	0	Campylobacter	0
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	8	0	Campylobacter	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	6	1	Campylobacter jejuni	1
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	13	0	Campylobacter	0
	Meat from pig - meat products - meat specialities - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from pig - meat products - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	10	0	Campylobacter	0
	Meat from pig - meat products - raw but intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	9	1	Campylobacter jejuni	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - meat products - raw but intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	4	0	Campylobacter	0
	Meat from pig - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	6	0	Campylobacter	0
	Meat from pig - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from rabbit - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	6	0	Campylobacter	0
	Meat from rabbit - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	4	0	Campylobacter	0
	Meat from sheep - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	1	1	Campylobacter coli	1
	Meat from sheep - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	25	4	Campylobacter coli Campylobacter jejuni	3 1
	Meat from turkey - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	slaughter animal batch	10	Gram	Data from MURCIA	Enumeration method	3	3	Campylobacter, unspecified sp.	3
	Meat from turkey - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	10	4	Campylobacter coli Campylobacter jejuni	3 1
	Meat, mixed meat - meat products - fresh raw sausages - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 10272-1:2017 Campylobacter	2	1	Campylobacter, unspecified sp.	1
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	7	0	Campylobacter	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Milk, cows' - raw milk - intended for direct human consumption - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Millilitre	Data from Catalunya	ISO 10272-1:2017 Campylobacter	8	0	Campylobacter	0
	Milk, cows' - raw milk - intended for direct human consumption - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Millilitre	Data from Catalunya	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - egg based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - egg based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - egg based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
					Data from Canarias	ISO 10272-1:2006 Campylobacter	6	0	Campylobacter	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	14	0	Campylobacter	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	5	0	Campylobacter	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	7	0	Campylobacter	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
					Data from Canarias	ISO 10272-1:2006 Campylobacter	6	0	Campylobacter	0
	Other processed food products and prepared dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	5	0	Campylobacter	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	8	0	Campylobacter	0
	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	30	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	5	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0
					Data from Canarias	ISO 10272-1:2006 Campylobacter	24	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - pasta - filled pasta - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - pasta - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	5	0	Campylobacter	0
	Other processed food products and prepared dishes - pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
					Data from Canarias	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0
	Other processed food products and prepared dishes - pasta/rice salad - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - pasta/rice salad - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - potato based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0
	Other processed food products and prepared dishes - potato based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	5	0	Campylobacter	0
	Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	5	0	Campylobacter	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - rice based dishes - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
					Data from Canarias	ISO 10272-1:2006 Campylobacter	9	0	Campylobacter	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - sandwiches - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	5	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	9	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	6	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	30	0	Campylobacter	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	7	0	Campylobacter	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive	
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0	
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0	
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling		single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
						Data from Canarias	ISO 10272-1:2006 Campylobacter	9	0	Campylobacter	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0	
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	8	0	Campylobacter	0	
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	15	0	Campylobacter	0	
	Sauce and dressings - mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0	
	Sauce and dressings - mayonnaise - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0	
	Sauce and dressings - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0	
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0	
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	14	0	Campylobacter	0	
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0	
	Sauce and dressings - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	ISO 10272-1:2006 Campylobacter	9	0	Campylobacter	0	
	Soups - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0	
	Soups - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0	
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	3	0	Campylobacter	0	
	Vegetables - products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 10272-1:2006 Campylobacter	8	0	Campylobacter	0	
	Comunidad de Madrid (NUTS level 2)	Meat from broilers (Gallus gallus) - fresh - skinned - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	10	Gram	DATA FROM CC Madrid	PCR	47	32	Campylobacter coli	8
Campylobacter jejuni										24	
Meat from broilers (Gallus gallus) - fresh - with skin - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling		single (food/fee d)	10	Gram	DATA FROM CC Madrid	PCR	43	33	Campylobacter coli	11	
									Campylobacter jejuni	22	
Meat from sheep - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling		single (food/fee d)	25	Gram	DATA FROM CC Madrid	PCR	5	1	Campylobacter coli	1	
Meat from sheep - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM CC Madrid	PCR	21	7	Campylobacter coli	4		
								Campylobacter jejuni	3		

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Comunidad de Madrid (NUTS level 2)	Meat from sheep - fresh - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM CC Madrid	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
		Meat from turkey - fresh - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CC Madrid	PCR	45	19	Campylobacter coli
									Campylobacter jejuni	10
Madrid (NUTS level 3)	Other processed food products and prepared dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	100	Gram	DATA FROM CC Madrid	Unspecified	4	0	Campylobacter	0

Table COXIELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sampling Details	Method	Total units tested	Total units positive	N of clinical affected herds	Zoonoses	N of units positive
SPAIN	Cattle (bovine animals) - dairy cows - adult - Farm - Spain - animal sample - Monitoring - passive - Official sampling - Suspect sampling	herd/flock	N.A	PCR	62	16	16	Coxiella	16
	Goats - Farm - Spain - animal sample - Monitoring - passive - Official sampling - Suspect sampling	herd/flock	N.A	PCR	48	15	15	Coxiella	15
	Sheep - Farm - Spain - animal sample - Monitoring - passive - Official sampling - Suspect sampling	herd/flock	N.A	PCR	31	13	13	Coxiella	13

Table Cronobacter:CRONOBACTER in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Foodstuffs intended for special nutritional uses - other food for infants and children - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	250	Gram	Data from Principado de Asturias	ISO/TS 22964:2006 (IDF/RM 210:2006) Cronobacter sp p. (Enterobacter sakazakii)	60	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from MURCIA	ISO 22964:2017 Cronobacter	3	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunitat Valenciana	ISO/TS 22964:2006 (IDF/RM 210:2006) Cronobacter sp p. (Enterobacter sakazakii)	30	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	ARAGON	ISO 22964:2017 Cronobacter	1	0	Cronobacter	0
Data from Catalunya					ISO 22964:2017 Cronobacter	3	0	Cronobacter	0	
	Infant formula - dried - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from MURCIA	ISO 22964:2017 Cronobacter	4	0	Cronobacter	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	ISO/TS 22964:2006 (IDF/RM 210:2006) Cronobacter sp p. (Enterobacter sakazakii)	10	0	Cronobacter	0
Madrid (NUTS level 3)	Infant formula - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM CCMadrid	ISO 22964:2017 Cronobacter	5	0	Cronobacter	0
Castilla y León	Infant formula - dried - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	CYL	ISO 22964:2017 Cronobacter	2	0	Cronobacter	0
	Infant formula - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	CYL	ISO 22964:2017 Cronobacter	6	0	Cronobacter	0
Illes Balears	Infant formula - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Illes Balears	ISO 22964:2017 Cronobacter	6	0	Cronobacter	0

Table Cysticercus:CYSTICERCUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from MURCIA	Visual inspection	animal	878	0	Cysticercus	0
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Navarra	Visual inspection	animal	22840	0	Cysticercus	0
		Data from Valencia	Visual inspection	animal	22306 4	1	Cysticercus, unspecified sp.	1
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	Data from Euskadi	Visual inspection	animal	40021	2	Cysticercus of Taenia saginata	2
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Galicia	Visual inspection	animal	39206 2	10	Cysticercus, unspecified sp.	10
	Cattle (bovine animals) - meat production animals - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from MURCIA	Visual inspection	animal	86928	0	Cysticercus	0
	Cattle (bovine animals) - Slaughterhouse - European Union - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	432	0	Cysticercus	0
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	95029	0	Cysticercus	0
		Data from Canarias	Visual inspection	animal	9911	1	Cysticercus	1
		data from Cantabria	Visual inspection	animal	35219	0	Cysticercus	0
		Data from Castilla-La Mancha	Visual inspection	animal	19009 9	9	Cysticercus, unspecified sp.	9
		Data from Catalunya	Visual inspection	animal	52379 0	47	Cysticercus, unspecified sp.	47
		Data from Extremadura	Visual inspection	animal	11692 6	0	Cysticercus	0
		Data from Madrid	Visual inspection	animal	12262 1	6	Cysticercus, unspecified sp.	6
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	Data from Catalunya	Visual inspection	animal	27	6	Cysticercus of Taenia saginata	6
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	85310	1	Cysticercus, unspecified sp.	1
		Data from Castilla-La Mancha	Visual inspection	animal	41954	0	Cysticercus	0
	Goats - meat production animals - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Galicia	Visual inspection	animal	9981	295	Cysticercus, unspecified sp.	295
	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	47593 7	8098	Cysticercus, unspecified sp.	8,098
		Data from Canarias	Visual inspection	animal	39192	814	Cysticercus	814
		data from Cantabria	Visual inspection	animal	798	0	Cysticercus	0
		Data from Castilla-La Mancha	Visual inspection	animal	10300 4	3676	Cysticercus, unspecified sp.	3,676
		Data from Catalunya	Visual inspection	animal	13168 8	4328	Cysticercus, unspecified sp.	4,328
		Data from Madrid	Visual inspection	animal	19129	2118	Cysticercus, unspecified sp.	2,118
		Data from Navarra	Visual inspection	animal	32106 4	13233	Cysticercus, unspecified sp.	13,233
	Other ruminants - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	3799	0	Cysticercus	0
	Pigs - breeding animals - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Valencia	Visual inspection	animal	13111 06	95	Cysticercus, unspecified sp.	95
	Pigs - breeding animals - raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from MURCIA	Visual inspection	animal	38202 73	0	Cysticercus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	6837	0	Cysticercus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Spain - animal sample - organ/tissue - Unspecified - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	2097	0	Cysticercus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	33922 50	196	Cysticercus, unspecified sp.	196
		Data from Extremadura	Visual inspection	animal	62459 7	0	Cysticercus	0
		Data from Madrid	Visual inspection	animal	65180 1	1	Cysticercus, unspecified sp.	1
		Data from MURCIA	Visual inspection	animal	69713	0	Cysticercus	0
		Data from Navarra	Visual inspection	animal	49741	0	Cysticercus	0
		Data from Euskadi	Visual inspection	animal	11074	3	Cysticercus of Taenia solium	3
		Data from Galicia	Visual inspection	animal	10187 81	188	Cysticercus, unspecified sp.	188
		data from Cantabria	Visual inspection	animal	842	0	Cysticercus	0
		Data from Castilla-La Mancha	Visual inspection	animal	42964 76	170	Cysticercus, unspecified sp.	170
		Data from Catalunya	Visual inspection	animal	22528 639	920	Cysticercus, unspecified sp.	920
Pigs - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	62215	6	Cysticercus, unspecified sp.	6	
	Data from Galicia	Visual inspection	animal	32826	1401	Cysticercus, unspecified sp.	1,401	
Sheep - meat production animals - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	57393 3	10198	Cysticercus, unspecified sp.	10,198	
	Data from Canarias	Visual inspection	animal	12829	382	Cysticercus	382	
	data from Cantabria	Visual inspection	animal	986	0	Cysticercus	0	
	Data from Castilla-La Mancha	Visual inspection	animal	13650 61	78996	Cysticercus, unspecified sp.	78,996	
	Data from Catalunya	Visual inspection	animal	12443 01	79242	Cysticercus, unspecified sp.	79,242	
	Data from Madrid	Visual inspection	animal	90408	3709	Cysticercus, unspecified sp.	3,709	
	Data from Navarra	Visual inspection	animal	5208	15	Cysticercus, unspecified sp.	15	
Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	413	0	Cysticercus	0	
	data from Cantabria	Visual inspection	animal	962	0	Cysticercus	0	
Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Visual inspection	animal	25546	0	Cysticercus	0	
	Data from Catalunya	Visual inspection	animal	13371	1	Cysticercus, unspecified sp.	1	
Asturias	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	59242	9	Cysticercus of Taenia saginata	9
		Data from Principado de Asturias	Visual inspection	animal	48118	0	Cysticercus	0
Castilla y León	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	79912	0	Cysticercus	0
		CASTILLA Y LEON	Visual inspection	animal	33729 9	5	Cysticercus, unspecified sp.	5
		CASTILLA Y LEON	Visual inspection	animal	15775	1	Cysticercus, unspecified sp.	1
		CASTILLA Y LEON	Visual inspection	animal	99613	105	Cysticercus, unspecified sp.	105
		CASTILLA Y LEON	Visual inspection	animal	60422 85	770	Cysticercus, unspecified sp.	770
		CASTILLA Y LEON	Visual inspection	animal	5290	50	Cysticercus, unspecified sp.	50
Illes Balears	Cattle (bovine animals) - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Illes Balears	Visual inspection	animal	7861	44	Cysticercus, unspecified sp.	44

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Illes Balears	Pigs - fattening pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Illes Balears	Visual inspection	animal	11840 2	234	Cysticercus, unspecified sp.	234
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Illes Balears	Visual inspection	animal	15314 6	49997	Cysticercus, unspecified sp.	49,997

Table Echinococcus:ECHINOCOCCUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	79912	1493	Echinococcus granulosus	1,493
	Cattle (bovine animals) - dairy cows - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	33729	325	Echinococcus granulosus	325
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Galicia	Visual inspection	animal	39206	3897	Echinococcus granulosus	3,897
	Cattle (bovine animals) - Slaughterhouse - European Union - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	432	0	Echinococcus	0
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	95029	1042	Echinococcus, unspecified sp.	1,042
		data from Cantabria	Visual inspection	animal	35219	79	Echinococcus, unspecified sp.	79
		Data from Castilla-La Mancha	Visual inspection	animal	19009	204	Echinococcus, unspecified sp.	204
		Data from Catalunya	Visual inspection	animal	52379	131	Echinococcus, unspecified sp.	131
		Data from Extremadura	Visual inspection	animal	11692	3435	Echinococcus granulosus	3,435
		Data from La Rioja	Visual inspection	animal	12665	166	Echinococcus granulosus	166
		Data from Madrid	Visual inspection	animal	12262	2001	Echinococcus, unspecified sp.	2,001
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	Data from Euskadi	Visual inspection	animal	40021	22	Echinococcus granulosus	22
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Valencia	Visual inspection	animal	22306	26	Echinococcus granulosus	26
	Deer - wild - fallow deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	161	0	Echinococcus	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	816	0	Echinococcus	0
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	85310	30	Echinococcus, unspecified sp.	30
		Data from Castilla-La Mancha	Visual inspection	animal	41954	0	Echinococcus	0
		Data from Extremadura	Visual inspection	animal	73148	15	Echinococcus granulosus	15
		Data from Madrid	Visual inspection	animal	1367	0	Echinococcus	0
	Deer - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	1124	0	Echinococcus	0
		Data from Madrid	Visual inspection	animal	2178	0	Echinococcus	0
	Goats - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	15775	558	Echinococcus granulosus	558
	Goats - animals under 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from MURCIA	Visual inspection	animal	36197	53	Echinococcus, unspecified sp.	53
	Goats - animals under 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	99613	4	Echinococcus granulosus	4
	Goats - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Galicia	Visual inspection	animal	9981	222	Echinococcus granulosus	222
	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	47593	8086	Echinococcus, unspecified sp.	8,086
		data from Cantabria	Visual inspection	animal	798	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	10300	178	Echinococcus, unspecified sp.	178
		Data from Catalunya	Visual inspection	animal	13168	1	Echinococcus, unspecified sp.	1
		Data from Extremadura	Visual inspection	animal	16065	30	Echinococcus granulosus	30

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from La Rioja	Visual inspection	animal	20086	0	Echinococcus	0
		Data from Madrid	Visual inspection	animal	19129	20	Echinococcus, unspecified sp.	20
	Goats - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Valencia	Visual inspection	animal	82243	0	Echinococcus	0
	Mouflons - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	48	0	Echinococcus	0
	Mouflons - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	515	0	Echinococcus	0
	Other ruminants - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	3799	0	Echinococcus	0
	Pigs - breeding animals - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from La Rioja	Visual inspection	animal	16226	0	Echinococcus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	6837	45	Echinococcus granulosus	45
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Spain - animal sample - organ/tissue - Unspecified - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	2097	0	Echinococcus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	33922	755	Echinococcus, unspecified sp.	755
		Data from Extremadura	Visual inspection	animal	62459	629	Echinococcus granulosus	629
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Galicia	Visual inspection	animal	10187	6	Echinococcus granulosus	6
	Pigs - fattening pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	data from Cantabria	Visual inspection	animal	842	0	Echinococcus	0
	Pigs - fattening pigs - unspecified - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	10315	0	Echinococcus	0
	Pigs - fattening pigs - unspecified - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	60422	216	Echinococcus granulosus	216
	Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Visual inspection	animal	42964	302	Echinococcus, unspecified sp.	302
		Data from Catalunya	Visual inspection	animal	22528	417	Echinococcus, unspecified sp.	417
		Data from Madrid	Visual inspection	animal	65180	0	Echinococcus	0
	Pigs - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	62215	11	Echinococcus, unspecified sp.	11
	Rabbits - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	75970	0	Echinococcus	0
	Sheep - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from MURCIA	Visual inspection	animal	22131	1642	Echinococcus, unspecified sp.	1,642
	Sheep - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	26104	6194	Echinococcus granulosus	6,194
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	31284	2334	Echinococcus granulosus	2,334
	Sheep - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Galicia	Visual inspection	animal	32826	1148	Echinococcus granulosus	1,148
	Sheep - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	57393	8010	Echinococcus, unspecified sp.	8,010
		data from Cantabria	Visual inspection	animal	986	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	13650	19031	Echinococcus, unspecified sp.	19,031
		Data from Catalunya	Visual inspection	animal	12443	249	Echinococcus, unspecified sp.	249
		Data from Extremadura	Visual inspection	animal	26440	884	Echinococcus granulosus	884
		Data from La Rioja	Visual inspection	animal	33246	0	Echinococcus	0
		Data from Madrid	Visual inspection	animal	90408	2209	Echinococcus, unspecified sp.	2,209
		Data from Valencia	Visual inspection	animal	58137	0	Echinococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	413	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	5290	1	Echinococcus granulosus	1
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	data from Cantabria	Visual inspection	animal	962	0	Echinococcus	0
		Data from La Rioja	Visual inspection	animal	63	0	Echinococcus	0
	Wild animals - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	17328	0	Echinococcus	0
	Wild boars - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	42680	65	Echinococcus granulosus	65
	Wild boars - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	2107	3	Echinococcus granulosus	3
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Visual inspection	animal	25546	0	Echinococcus	0
		Data from La Rioja	Visual inspection	animal	1177	0	Echinococcus	0
		Data from Madrid	Visual inspection	animal	3200	0	Echinococcus	0
Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	2081	0	Echinococcus	0	
Asturias	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	59242	90	Echinococcus, unspecified sp.	90
	Deer - wild - Game handling establishment - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	16	0	Echinococcus	0
	Goats - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	3698	0	Echinococcus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	48118	0	Echinococcus	0
	Sheep - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	8993	0	Echinococcus	0
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	2236	0	Echinococcus	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	176	0	Echinococcus	0

Table Escherichia coli:ESCHERICHIA COLI in animal

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
SPAIN	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Spain - animal sample - caecum - Monitoring - EFSA specifications - Official sampling - Objective sampling	slaughter animal batch	Not Available	N_A	In house real time PCR methods based on ISO/TS 13136:2012	236	50	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes not investigated	50

Table Escherichia coli:ESCHERICHIA COLI in food

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Beverages, alcoholic - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya- Surveillance of beach peddling	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	11	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Monitoring - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cantabria	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Fruits - non-pre-cut - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	8	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
					Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Fruits - pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	8	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Juice - vegetable juice - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Juice - vegetable juice - unpasteurised - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	11	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - carcass - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	15	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - chilled - Border inspection activities - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	2	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes not investigated	2
							10	2	VTEC O145	Hrough	VT1, gene identified, subtype unspecified	eae negative	2
							45	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - chilled - Border inspection activities - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes not investigated	1
							5	0	VTEC O13	Hrough	Verotoxin production, toxin type unknown	eae negative	5
							40	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from bovine animals - fresh - chilled - Border inspection activities - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	1	VTEC O145	H8	VT1, gene identified, subtype unspecified	eae negative	1
										Hrough	VT1, gene identified, subtype unspecified	eae positive	1
									VTEC O26	Hrough	VT1, gene identified, subtype unspecified	eae positive	1
							5	1	VTEC O105	Hrough	VT1, gene identified, subtype unspecified	eae negative	1
								5	VTEC O13	Hrough	Verotoxin production, toxin type unknown	eae negative	5
							67	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - frozen - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	1	VTEC other than O157 O26 O103 O111 O145	H-antigen unknown	Verotoxin production, VT2	eae negative	1
	Meat from bovine animals - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - fresh - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	10	3	VTEC O157	H-antigen unknown	Verotoxin production, toxin type unknown	Adhesion genes not investigated	3
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
					Data from Comunitat Valenciana	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	7	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
					Data from Comunitat Valenciana	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	6	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	3	1	VTEC O157	H7	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	150	Gram	DATA FROM ANDALUCIA	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	5	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	eeae positive	1
	Meat from bovine animals - meat preparation - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	18	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	1	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes not investigated	1
	Meat from bovine animals - minced meat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	150	Gram	DATA FROM ANDALUCIA	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	8	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Monitoring - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cantabria	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	7	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
			150	Gram	Data from Principado de Asturias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	25	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	150	Gram	DATA FROM ANDALUCIA	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat products - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	14	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	Adhesion genes not investigated	1
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	150	Gram	Data from Principado de Asturias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	20	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	24	4	VTEC O157	H-antigen unknown	Verotoxin production, toxin type unknown	Adhesion genes not investigated	4
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
					Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	11	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	7	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	12	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten raw - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	19	3	VTEC O157	H-antigen unknown	Verotoxin production, toxin type unknown	Adhesion genes not investigated	3

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	150	Gram	DATA FROM ANDALUCIA	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	9	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	4	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	7	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	6	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from broilers (Gallus gallus) - minced meat - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	150	Gram	DATA FROM ANDALUCIA	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from deer (venison) - meat preparation - intended to be eaten cooked - frozen - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	1	VTEC O157	H7	VT2, gene identified, subtype unspecified	eaec positive	1
	Meat from goat - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from goat - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from goat - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from goat - fresh - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	6	2	VTEC O157	H-antigen unknown	Verotoxin production, toxin type unknown	Adhesion genes not investigated	2
	Meat from horse - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other animal species or not specified - meat preparation - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	20	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from other poultry species - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	6	1	VTEC O157	H7	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Meat from pig - carcass - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from pig - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	6	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - fresh - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	54	5	VTEC O157	H-antigen unknown	Verotoxin production, toxin type unknown	Adhesion genes not investigated	5
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	15	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	9	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
					Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
					Data from Comunitat Valenciana	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	6	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
					Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	7	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Monitoring - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Cantabria	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	6	2	VTEC other than O157 O26 O103 O111 O145	H-antigen unknown	Verotoxin production, toxin type unknown	eae positive	1
										Verotoxin production, VT1	eae negative	1	
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	150	Gram	DATA FROM ANDALUCIA	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	35	10	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	eae positive	10
	Meat from pig - meat products - fresh raw sausages - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
Data from MURCIA					ISO 16654:2001 or NMKL 164:2005 or DIN 10167	11	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0	

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat from pig - meat products - fresh raw sausages - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	8	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - fresh raw sausages - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	13	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - meat specialities - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	10	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	150	Gram	DATA FROM ANDALUCIA	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - raw but intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	8	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	6	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat products - unspecified, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	11	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - minced meat - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	150	Gram	DATA FROM ANDALUCIA	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	9	1	VTEC, unspecified	Not Available	Verotoxin production, toxin type unknown	eee positive	1
	Meat from rabbit - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	6	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from rabbit - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	4	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from sheep - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive								
Not Available	Meat from sheep - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	25	25	VTEC O103	H-antigen unknown	Verotoxin production, toxin type unknown	eae positive	2								
									VTEC O104	H-antigen unknown	Verotoxin production, VT1	eae negative	1								
									VTEC O26	H-antigen unknown	Verotoxin production, toxin type unknown	eae positive	3								
									VTEC other than O157 O26 O103 O111 O145	H-antigen unknown	Verotoxin production, toxin type unknown	eae positive	1								
													Verotoxin production, VT1	eae negative	8						
													Verotoxin production, VT2	eae negative	5						
													Verotoxin production, VT2;Verotoxin production, VT1	eae negative	4						
									H4	Verotoxin production, VT2;Verotoxin production, VT1	eae negative	1									
									Meat from sheep - fresh - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	25	3	VTEC O157	H-antigen unknown	Verotoxin production, toxin type unknown	Adhesion genes not investigated	3
									Meat from turkey - carcase - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	10	0	Verocytotoxinogenic E. coli (VTEC)	Not Available		Not Available	Not Available	0									
Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0									
Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0									
Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0									
Meat, mixed meat - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0									
Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0									
Meat, mixed meat - meat products - cooked, ready-to-eat - sliced - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	10	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0									
Meat, mixed meat - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxinogenic E. coli (VTEC)	Not Available	Not Available	Not Available	0									

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	7	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat, mixed meat - minced meat - intended to be eaten raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat, mixed meat - minced meat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk, cows' - raw milk - intended for direct human consumption - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	8	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Milk, cows' - raw milk - intended for direct human consumption - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Ready-to-eat salads - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	6	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	8	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Sauce and dressings - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	24	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	6	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	150	Gram	DATA FROM ANDALUCIA	Real-time PCR (BAX): detection of STEC and identification of serogroups O26, O111, O121, O145, O103 and O45	15	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - shoot - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	6	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Spices and herbs - Border inspection activities - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - Border inspection activities - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	17	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
				Data from MURCIA	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	11	0	Verocytotoxin genic E. coli (VTEC)	Not Available	Not Available	Not Available	0	

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Aragón	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
					Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - products - cooked - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
Comunidad de Madrid (NUTS level 2)	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	50	Gram	DATA FROM CCMadrid	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	25	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	50	Gram	DATA FROM CCMadrid	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	120	1	VTEC O157	H-	Verotoxin production, toxin type unknown	Adhesion genes investigation not reported	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - frozen - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	50	Gram	DATA FROM CCMadrid	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - frozen - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	50	Gram	DATA FROM CCMadrid	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	50	Gram	DATA FROM CCMadrid	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	20	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
Madrid (NUTS level 3)	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	100	Gram	DATA FROM CCMadrid	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed)	75	Gram	DATA FROM CCMadrid	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	8	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	75	Gram	DATA FROM CCMadrid	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed)	75	Gram	DATA FROM CCMadrid	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from pig - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed)	75	Gram	DATA FROM CCMadrid	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	100	Gram	DATA FROM CCMadrid	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	75	Gram	DATA FROM CCMadrid	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
single (food/feed)		100	Gram	DATA FROM CCMadrid	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0	

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Madrid (NUTS level 3)	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	75	Gram	DATA FROM CCMadrid	In house real time PCR methods based on ISO/TS 13136:2012	3	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
		single (food/feed)	100	Gram	DATA FROM CCMadrid	In house real time PCR methods based on ISO/TS 13136:2012	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
Illes Balears	Seeds, sprouted - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Illes Balears	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Table FLAVIVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Vaccination status	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Birds - wild - game birds, farmed - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Not Available	N_A	Real-Time PCR (qualitative or quantitative)	37	0	West Nile virus	0
	Birds - wild - game birds, farmed - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Not Available	N_A	IgG ELISA	1230	10	West Nile virus	10
	Birds - wild - Natural habitat - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Not Available	N_A	Real-Time PCR (qualitative or quantitative)	791	0	West Nile virus	0
	Birds - wild - Natural habitat - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	animal	Not Available	N_A	Real-Time PCR (qualitative or quantitative)	134	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Unknown	N_A	IgG ELISA	828	62	West Nile virus	62
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	802	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	animal	Unknown	N_A	IgG ELISA	20	12	West Nile virus	12
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	43	5	West Nile virus	5

Table HISTAMINE in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from BCP	684	1	<= 100	Histamine	0	0
								>100 TO <= 200	Histamine	0	1
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from BCP	135	0	<= 100	Histamine	0	0
								>100 TO <= 200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	3	0	<= 100	Histamine	3	0
								>100 TO <= 200	Histamine	3	0
								>200	Histamine	3	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	11	0	<= 100	Histamine	11	0
								>100 TO <= 200	Histamine	11	0
								>200	Histamine	11	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	ARAGON	1	0	<= 100	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200	Histamine	1	0
			75	Gram	Data from Euskadi	8	0	<= 100	Histamine	8	0
								>100 TO <= 200	Histamine	8	0
								>200	Histamine	8	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	ARAGON	2	0	<= 100	Histamine	2	0
								>100 TO <= 200	Histamine	2	0
								>200	Histamine	2	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Catalunya-Outbreak investigation. Thunnus spp.	19	1	<= 100	Histamine	0	0
								>100 TO <= 200	Histamine	0	0
								>200	Histamine	0	1
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	ARAGON	4	0	<= 100	Histamine	4	0
								>100 TO <= 200	Histamine	4	0
								>200	Histamine	4	0
			75	Gram	Data from Euskadi	1	0	<= 100	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200	Histamine	1	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	1	0	<= 100	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200	Histamine	1	0
			200	Gram	Data from Catalunya	18	0	<= 100	Histamine	0	0
								>100 TO <= 200	Histamine	0	0
								>200	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	ARAGON	13	0	<= 100	Histamine	13	0
								>100 TO <= 200	Histamine	13	0
								>200	Histamine	13	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	50	Gram	Data from La Rioja	1	0	<= 100	Histamine	0	0
								>100 TO <= 200	Histamine	0	0
								>200	Histamine	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - canned - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	ARAGON	9	0	<= 100	Histamine	9	0
								>100 TO <= 200	Histamine	9	0
								>200	Histamine	9	0
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Canarias	1	0	<= 100	Histamine	0	0	
							>100 TO <= 200	Histamine	0	0	
							>200	Histamine	0	0	
		25	Gram	Data from Cantabria	2	0	<= 100	Histamine	2	0	
							>100 TO <= 200	Histamine	2	0	
							>200	Histamine	2	0	
		Data from Galicia	612	63	<= 100	Histamine	612	0			
					>100 TO <= 200	Histamine	612	0			
					>200	Histamine	612	63			
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	150	Gram	DATA FROM ANDALUCIA	60	1	<= 100	Histamine	0	0	
							>100 TO <= 200	Histamine	0	0	
							>200	Histamine	0	1	
	single (food/fe d)	25	Gram	Data from Cantabria	9	0	<= 100	Histamine	9	0	
							>100 TO <= 200	Histamine	9	0	
							>200	Histamine	9	0	
	Data from Comunitat Valenciana	15	0	<= 100	Histamine	0	0				
				>100 TO <= 200	Histamine	0	0				
				>200	Histamine	0	0				
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	200	Gram	Data from Euskadi	4	0	<= 100	Histamine	4	0	
							>100 TO <= 200	Histamine	4	0	
							>200	Histamine	4	0	
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	200	Gram	Data from Euskadi	11	1	<= 100	Histamine	11	0	
							>100 TO <= 200	Histamine	11	0	
							>200	Histamine	11	1	
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data from Catalunya- Outbreak investigation. Sarda sarda	9	2	<= 100	Histamine	0	0	
							>100 TO <= 200	Histamine	0	1	
							>200	Histamine	0	1	
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Catalunya	14	0	<= 100	Histamine	0	0	
							>100 TO <= 200	Histamine	0	0	
							>200	Histamine	0	0	
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	200	Gram	Data from Euskadi	10	0	<= 100	Histamine	10	0	
							>100 TO <= 200	Histamine	10	0	
							>200	Histamine	10	0	
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - raw - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Catalunya	90	0	<= 100	Histamine	0	0	
							>100 TO <= 200	Histamine	0	0	
							>200	Histamine	0	0	
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Navarra	36	0	<= 100	Histamine	0	0	
							>100 TO <= 200	Histamine	0	0	
							>200	Histamine	0	0	
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fe d)	200	Gram	Data from Euskadi	1	1	<= 100	Histamine	1	0	
							>100 TO <= 200	Histamine	1	0	
							>200	Histamine	1	1	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive				
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe ed)	150	Gram	DATA FROM ANDALUCIA	22	0	<= 100	Histamine	0	0				
								>100 TO <= 200	Histamine	0	0				
								>200	Histamine	0	0				
		single (food/fe ed)	10	Gram	Data from Canarias	18	0	<= 100	Histamine	0	0				
								>100 TO <= 200	Histamine	0	0				
								>200	Histamine	0	0				
			25	Gram	Data from Cantabria	19	0	<= 100	Histamine	19	0				
								>100 TO <= 200	Histamine	19	0				
								>200	Histamine	19	0				
								Data from Extremadura		9	0	<= 100	Histamine	0	0
												>100 TO <= 200	Histamine	0	0
												>200	Histamine	0	0
			Data from Galicia	135	0	<= 100	Histamine	135	0						
						>100 TO <= 200	Histamine	135	0						
						>200	Histamine	135	0						
			Data from Navarra	36	0	<= 100	Histamine	0	0						
						>100 TO <= 200	Histamine	0	0						
						>200	Histamine	0	0						
		200	Gram	Data from Catalunya	60	0	<= 100	Histamine	0	0					
							>100 TO <= 200	Histamine	0	0					
							>200	Histamine	0	0					
single (food/fe ed)	200	Gram	Data from Euskadi	1	0	<= 100	Histamine	1	0						
						>100 TO <= 200	Histamine	1	0						
						>200	Histamine	1	0						
Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe ed)	150	Gram	DATA FROM ANDALUCIA	24	0	<= 100	Histamine	0	0				
								>100 TO <= 200	Histamine	0	0				
								>200	Histamine	0	0				
		single (food/fe ed)	10	Gram	Data from Canarias	108	0	<= 100	Histamine	0	0				
								>100 TO <= 200	Histamine	0	0				
								>200	Histamine	0	0				
			25	Gram	Data from Comunitat Valenciana	5	0	<= 100	Histamine	0	0				
								>100 TO <= 200	Histamine	0	0				
								>200	Histamine	0	0				
			Data from Navarra	9	0	<= 100	Histamine	0	0						
						>100 TO <= 200	Histamine	0	0						
						>200	Histamine	0	0						
		50	Gram	Data from MURCIA	7	2	<= 100	Histamine	7	0					
							>100 TO <= 200	Histamine	7	1					
							>200	Histamine	7	1					
single (food/fe ed)	25	Gram	Data from BCP	747	0	> 400	Histamine	0	0						
						>200 TO <= 400	Histamine	0	0						
						<=200	Histamine	0	0						
single (food/fe ed)	25	Gram	Data from BCP	135	0	> 400	Histamine	0	0						
						>200 TO <= 400	Histamine	0	0						
						<=200	Histamine	0	0						

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive					
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - canned - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Cantabria	1	0	> 400	Histamine	1	0					
								>200 TO <= 400	Histamine	1	0					
								<=200	Histamine	1	0					
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - canned - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Cantabria	14	0	> 400	Histamine	14	0					
								>200 TO <= 400	Histamine	14	0					
								<=200	Histamine	14	0					
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - canned - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	75	Gram	Data from Euskadi	6	0	> 400	Histamine	6	0					
								>200 TO <= 400	Histamine	6	0					
								<=200	Histamine	6	0					
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - canned - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	50	Gram	Data from La Rioja	1	0	> 400	Histamine	0	0					
								>200 TO <= 400	Histamine	0	0					
								<=200	Histamine	0	0					
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	50	Gram	Data from MURCIA	14	1	> 400	Histamine	14	0					
								>200 TO <= 400	Histamine	14	1					
								<=200	Histamine	14	0					
								200	Gram	Data from Catalunya	45	9	> 400	Histamine	0	9
													>200 TO <= 400	Histamine	0	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	ARAGON	1	0	> 400	Histamine	1	0					
								>200 TO <= 400	Histamine	1	0					
								<=200	Histamine	1	0					
Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	ARAGON	2	2	> 400	Histamine	2	2						
							>200 TO <= 400	Histamine	2	0						
							<=200	Histamine	2	0						
Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	ARAGON	3	0	> 400	Histamine	3	0						
							>200 TO <= 400	Histamine	3	0						
							<=200	Histamine	3	0						
Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	6	0	> 400	Histamine	0	0						
							>200 TO <= 400	Histamine	0	0						
							<=200	Histamine	0	0						
Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	ARAGON	1	0	> 400	Histamine	1	0						
							>200 TO <= 400	Histamine	1	0						
							<=200	Histamine	1	0						
Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data from Catalunya- Outbreak investigation. Prepared dish containing Brama brama	18	18	<= 100	Histamine	0	0						
							>100 TO <= 200	Histamine	0	0						
				Data from Catalunya- Outbreak investigation. Prepared dish containing Merluccius merluccius	9	0	<= 100	Histamine	0	0						
							>100 TO <= 200	Histamine	0	0						
							>200	Histamine	0	0						
Asturias	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	100	Gram	Data From Principado de Asturias	90	0	<= 100	Histamine	90	0					
								>100 TO <= 200	Histamine	90	0					
								>200	Histamine	90	0					
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	100	Gram	Data From Principado de Asturias	18	0	<= 100	Histamine	18	0					
								>100 TO <= 200	Histamine	18	0					
							>200	Histamine	18	0						

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Asturias	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	100	Gram	Data From Principado de Asturias	9	0	<= 100	Histamine	9	0
								>100 TO <= 200	Histamine	9	0
								>200	Histamine	9	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	100	Gram	Data From Principado de Asturias	9	0	> 400	Histamine	9	0
								>200 TO <= 400	Histamine	9	0
								<=200	Histamine	9	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	100	Gram	Data From Principado de Asturias	9	0	> 400	Histamine	9	0
								>200 TO <= 400	Histamine	9	0
								<=200	Histamine	9	0
Madrid (NUTS level 3)	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	200	Gram	DATA FROM CCMadrid	23	0	<= 100	Histamine	23	0
								>100 TO <= 200	Histamine	23	0
								>200	Histamine	23	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fe d)	200	Gram	DATA FROM CCMadrid	6	0	<= 100	Histamine	6	0
								>100 TO <= 200	Histamine	6	0
								>200	Histamine	6	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	50	Gram	DATA FROM CCMadrid	34	2	<= 100	Histamine	34	0
								>100 TO <= 200	Histamine	34	1
								>200	Histamine	34	1
	Other processed food products and prepared dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	200	Gram	DATA FROM CCMadrid	18	0	> 400	Histamine	18	0
								<=400	Histamine	18	0
								>200	Histamine	18	0
Castilla y León	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	45	Gram	Data from Castilla y Leon	3	0	<= 100	Histamine	3	0
								>100 TO <= 200	Histamine	3	0
								>200	Histamine	3	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	45	Gram	Data from Castilla y Leon	45	0	<= 100	Histamine	45	0
								>100 TO <= 200	Histamine	45	0
								>200	Histamine	45	0
Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	45	Gram	Data from Castilla y Leon	3	0	> 400	Histamine	3	0	
							>200 TO <= 400	Histamine	3	0	
							<=200	Histamine	3	0	
Illes Balears	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fe d)	50	Gram	Illes Balears	1	1	<= 100	Histamine	1	0
								>100 TO <= 200	Histamine	1	0
								>200	Histamine	1	1
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	50	Gram	Illes Balears	2	0	<= 100	Histamine	2	0
								>100 TO <= 200	Histamine	2	0
								>200	Histamine	2	0
Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	50	Gram	Illes Balears	1	0	> 400	Histamine	1	0	
							>200 TO <= 400	Histamine	1	0	
							<=200	Histamine	1	0	

Table LISTERIA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Bakery products - cakes - containing heat-treated cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Bakery products - cakes - containing heat-treated cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
					Data from Castilla-La Mancha	7	0	detection	Listeria monocytogenes	7	0
					Data from Euskadi	49	0	detection	Listeria monocytogenes	49	0
Not Available	Bakery products - cakes - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
Not Available	Bakery products - cakes - containing raw cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	4	0	detection	Listeria monocytogenes	4	0
Not Available	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	18	0	<= 100	Listeria monocytogenes	18	0
								>100	Listeria monocytogenes	18	0
Not Available	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	7	0	detection	Listeria monocytogenes	7	0
					Data from Canarias-Samples tested only with detection method	18	0	detection	Listeria monocytogenes	18	0
					Data from Castilla-La Mancha	6	0	detection	Listeria monocytogenes	6	0
					Data from Comunitat Valenciana	30	0	detection	Listeria monocytogenes	30	0
Not Available	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
Not Available	Bakery products - cakes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
Not Available	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	35	2	<= 100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	2
Not Available	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	30	0	detection	Listeria monocytogenes	30	0
Not Available	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
Not Available	Bakery products - desserts - containing heat-treated cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	23	0	<= 100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
Not Available	Bakery products - desserts - containing raw eggs - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	5	0	detection	Listeria monocytogenes	5	0
Not Available	Bakery products - desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
Not Available	Bakery products - desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	8	0	detection	Listeria monocytogenes	8	0
Not Available	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	10	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
Not Available	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	18	0	detection	Listeria monocytogenes	18	0
Not Available	Bakery products - pastry - choux pastry - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
Not Available	Bakery products - pastry - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	11	0	detection	Listeria monocytogenes	11	0
					Data from Castilla-La Mancha	24	0	detection	Listeria monocytogenes	24	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Cereals and meals - flakes - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cereals and meals - flakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cereals and meals - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	5	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Cereals and meals - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	5	1	detection	Listeria monocytogenes	5	1
	Cheeses made from cows' milk - curd - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	4	0	detection	Listeria monocytogenes	4	0
	Cheeses made from cows' milk - curd - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
					Data from Canarias-Samples tested only with detection method	3	0	detection	Listeria monocytogenes	3	0
					Data from Comunitat Valenciana	4	0	detection	Listeria monocytogenes	4	0
					Data from Euskadi	2	0	detection	Listeria monocytogenes	2	0
					Data from MURCIA	6	0	detection	Listeria monocytogenes	6	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	4	0	detection	Listeria monocytogenes	4	0
	Cheeses made from cows' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Galicia	20	0	<= 100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Cheeses made from cows' milk - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	2	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
					Data from Euskadi	2	1	detection	Listeria monocytogenes	2	1
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
					Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Canarias-Samples tested only with detection method	6	0	detection	Listeria monocytogenes	6	0
					Data from Castilla-La Mancha	3	0	detection	Listeria monocytogenes	3	0
					Data from Comunitat Valenciana	9	0	detection	Listeria monocytogenes	9	0
					Data from MURCIA	8	0	detection	Listeria monocytogenes	8	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	10	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	33	0	detection	Listeria monocytogenes	33	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	3	0	detection	Listeria monocytogenes	3	0
	Cheeses made from goats' milk - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
					Data from Comunitat Valenciana	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunitat Valenciana	2	0	detection	Listeria monocytogenes	2	0
					Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive			
Not Available	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0			
					Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0			
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0			
					Data from Comunitat Valenciana	2	0	detection	Listeria monocytogenes	2	0			
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	37	6	<= 100	Listeria monocytogenes	6	5			
								>100	Listeria monocytogenes	6	1			
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	7	0	detection	Listeria monocytogenes	7	0			
								Data from Comunitat Valenciana	2	0	detection	Listeria monocytogenes	2	0
								Data from Euskadi	37	6	detection	Listeria monocytogenes	37	6
								Data from Galicia	71	0	detection	Listeria monocytogenes	71	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0			
								>100	Listeria monocytogenes	1	0			
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	Data from Aragon	2	2	<= 100	Listeria monocytogenes	2	2			
								>100	Listeria monocytogenes	2	0			
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	Data from Aragon	2	2	detection	Listeria monocytogenes	2	2			
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	2	0	<= 100	Listeria monocytogenes	2	0			
								>100	Listeria monocytogenes	2	0			
	Cheeses made from sheep's milk - hard - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	7	0	detection	Listeria monocytogenes	7	0			
	Cheeses made from sheep's milk - hard - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0			
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	3	0	detection	Listeria monocytogenes	3	0			
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	3	0	detection	Listeria monocytogenes	3	0			
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0			
					Data from Canarias-Samples tested only with detection method	3	0	detection	Listeria monocytogenes	3	0			
					Data from Comunitat Valenciana	4	0	detection	Listeria monocytogenes	4	0			
					Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0			
					Data from MURCIA	4	0	detection	Listeria monocytogenes	4	0			
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	2	0	<= 100	Listeria monocytogenes	2	0			
								>100	Listeria monocytogenes	2	0			
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	13	0	<= 100	Listeria monocytogenes	13	0			
								>100	Listeria monocytogenes	13	0			
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	3	0	detection	Listeria monocytogenes	3	0			
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0			
								>100	Listeria monocytogenes	1	0			
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	1	0	<= 100	Listeria monocytogenes	1	0			
								>100	Listeria monocytogenes	1	0			
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0			
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0			
								>100	Listeria monocytogenes	1	0			

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	2	0	detection	Listeria monocytogenes	2	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	8	0	detection	Listeria monocytogenes	8	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	7	0	detection	Listeria monocytogenes	7	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	39	0	detection	Listeria monocytogenes	39	0
					Data from Castilla-La Mancha	4	0	detection	Listeria monocytogenes	4	0
					Data from Comunitat Valenciana	1	0	detection	Listeria monocytogenes	1	0
					Data from Euskadi	6	0	detection	Listeria monocytogenes	6	0
					Data from Extremadura	2	0	detection	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Extremadura	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	15	0	detection	Listeria monocytogenes	15	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	9	0	detection	Listeria monocytogenes	9	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	19	0	<= 100	Listeria monocytogenes	19	0
								>100	Listeria monocytogenes	19	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	13	0	<= 100	Listeria monocytogenes	13	0
								>100	Listeria monocytogenes	13	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - spreadable - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Extremadura	1	0	detection	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Extremadura	9	1	detection	Listeria monocytogenes	9	1
	Confectionery products and pastes - chocolate-based product - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - prawns - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - prawns - cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - prawns - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	6	0	detection	Listeria monocytogenes	6	0
	Crustaceans - prawns - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - prawns - shelled, shucked and cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	11	0	<= 100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from MURCIA	4	0	detection	Listeria monocytogenes	4	0
	Crustaceans - shrimps - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - shrimps - cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - shrimps - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from La Rioja	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - shrimps - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Crustaceans - shrimps - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - shrimps - shelled, shucked and cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - shrimps - shelled, shucked and cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	1	0	detection	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Crustaceans - unspecified - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - unspecified - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Crustaceans - unspecified - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - unspecified - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - unspecified - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - unspecified - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - unspecified - shelled, shucked and cooked - chilled - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - unspecified - shelled, shucked and cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - unspecified - shelled, shucked and cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Crustaceans - unspecified - shelled, shucked and cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Crustaceans - unspecified - shelled, shucked and cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Data from Catalunya-RTE Maja squinado cooked meat	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - butter - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	9	0	detection	Listeria monocytogenes	9	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	37	0	<= 100	Listeria monocytogenes	37	0
								>100	Listeria monocytogenes	37	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	11	0	detection	Listeria monocytogenes	11	0
	Dairy products (excluding cheeses) - dairy desserts - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	40	0	<= 100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Galicia	40	0	<= 100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	14	0	detection	Listeria monocytogenes	14	0
					Data from Galicia	40	0	detection	Listeria monocytogenes	40	0
Not Available	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
Not Available	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	7	0	<= 100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
Not Available	Dairy products (excluding cheeses) - ice-cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
Not Available	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0
					Data from MURCIA	10	0	detection	Listeria monocytogenes	10	0
Not Available	Dairy products (excluding cheeses) - ice-cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	50	Gram	Data from La Rioja	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Dairy products (excluding cheeses) - ice-cream - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
Not Available	Dairy products (excluding cheeses) - milk-based drinks - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Dairy products (excluding cheeses) - milk-based drinks - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0
Not Available	Dairy products (excluding cheeses) - yoghurt - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	12	0	detection	Listeria monocytogenes	12	0
					Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
Not Available	Dairy products (excluding cheeses) - yoghurt - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
Not Available	Egg products - dried - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	1	0	detection	Listeria monocytogenes	1	0
Not Available	Egg products - liquid - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Euskadi	3	0	detection	Listeria monocytogenes	3	0
Not Available	Egg products - liquid - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
Not Available	Egg products - liquid - whole - pasteurised - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	1	0	detection	Listeria monocytogenes	1	0
Not Available	Egg products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Galicia	10	0	<= 100	Listeria monocytogenes	10	0
					>100	Listeria monocytogenes	10	0			
Not Available	Eggs - table eggs - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Eggs - table eggs - whole - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	1	detection	Listeria monocytogenes	1	1
Not Available	Fish - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Fish - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	1	0	detection	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	9	0	detection	Listeria monocytogenes	9	0
	Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Fish - gravad /slightly salted - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	4	0	detection	Listeria monocytogenes	4	0
	Fish - gravad /slightly salted - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - gravad /slightly salted - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Fish - gravad /slightly salted - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya-Raw Gadus morhua	4	0	detection	Listeria monocytogenes	4	0
	Fish - marinated - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Fish - marinated - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Canarias-Samples tested only with detection method	3	0	detection	Listeria monocytogenes	3	0
	Fish - marinated - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
	Fish - marinated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Fish - marinated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya-RTE marinated and sliced Gadus morhua	1	0	detection	Listeria monocytogenes	1	0
	Fish - raw - frozen - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Fish - smoked - cold-smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya-RTE Salmo salar	3	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Fish - smoked - cold-smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya-RTE Gadus morhua	1	0	detection	Listeria monocytogenes	1	0
					Data from Catalunya-RTE Salmo salar	3	1	detection	Listeria monocytogenes	3	1
	Fish - smoked - hot-smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	9	0	<= 100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Fish - smoked - hot-smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	9	0	detection	Listeria monocytogenes	9	0
	Fish - smoked - hot-smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Fish - smoked - hot-smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0
	Fish - smoked - hot-smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Fish - smoked - hot-smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	3	0	detection	Listeria monocytogenes	3	0
	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Catalunya	3	3	<= 100	Listeria monocytogenes	3	3

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	3	3	>100	Listeria monocytogenes	3	0
					Data from Comunitat Valenciana	14	2	<= 100	Listeria monocytogenes	2	2
Not Available	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	3	3	detection	Listeria monocytogenes	3	3
					Data from Comunitat Valenciana	14	2	detection	Listeria monocytogenes	14	2
Not Available	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Fish - smoked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	11	0	detection	Listeria monocytogenes	11	0
Not Available	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	12	1	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	1
					Data from Comunitat Valenciana	14	0	<= 100	Listeria monocytogenes	14	0
								>100	Listeria monocytogenes	14	0
					Data from Galicia	50	0	<= 100	Listeria monocytogenes	50	0
Not Available	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	12	1	detection	Listeria monocytogenes	12	1
					Data from Galicia	50	0	detection	Listeria monocytogenes	50	0
					Data from MURCIA	7	0	detection	Listeria monocytogenes	7	0
								<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
Not Available	Fish - smoked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	61	2	<= 100	Listeria monocytogenes	61	2
								>100	Listeria monocytogenes	61	2
Not Available	Fish - smoked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	3	0	detection	Listeria monocytogenes	3	0
Not Available	Fish - smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	21	0	<= 100	Listeria monocytogenes	21	0
								>100	Listeria monocytogenes	21	0
Not Available	Fish - unspecified - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	12	0	detection	Listeria monocytogenes	12	0
					Data from MURCIA	9	0	detection	Listeria monocytogenes	9	0
Not Available	Fish - unspecified - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	13	0	<= 100	Listeria monocytogenes	13	0
								>100	Listeria monocytogenes	13	0
Not Available	Fish - unspecified - frozen - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	data from BCP	5	0	<=10	Listeria monocytogenes	5	0
Not Available	Fishery products, unspecified - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
Not Available	Fishery products, unspecified - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
Not Available	Fishery products, unspecified - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
Not Available	Fishery products, unspecified - cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
Not Available	Fishery products, unspecified - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
Not Available	Fishery products, unspecified - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Fishery products, unspecified - ready-to-eat - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	data from BCP	20	0	<=10	Listeria monocytogenes	20	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Fishery products, unspecified - ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	4	0	detection	Listeria monocytogenes	4	0
	Fishery products, unspecified - ready-to-eat - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya-RTE Cooked octopus legs	3	0	detection	Listeria monocytogenes	3	0
	Fishery products, unspecified - ready-to-eat - frozen - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	data from BCP	15	0	<=10	Listeria monocytogenes	15	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Galicia	28	0	detection	Listeria monocytogenes	28	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	2	0	detection	Listeria monocytogenes	2	0
	Fishery products, unspecified - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Galicia	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fishery products, unspecified - smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	6	2	<= 100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
	Fishery products, unspecified - smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	6	2	detection	Listeria monocytogenes	6	2
					Data from Euskadi	7	0	detection	Listeria monocytogenes	7	0
	Fishery products, unspecified - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	11	2	<= 100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
					Data from Euskadi	27	2	<= 100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
	Fishery products, unspecified - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	11	2	detection	Listeria monocytogenes	11	2
					Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
					Data from Euskadi	27	2	detection	Listeria monocytogenes	27	2
	Fishery products, unspecified - smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Fruits - non-pre-cut - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	6	0	detection	Listeria monocytogenes	6	0
	Fruits - non-pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Fruits - pre-cut - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	3	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Fruits - pre-cut - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	3	1	detection	Listeria monocytogenes	3	1
					Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Fruits - pre-cut - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	6	0	detection	Listeria monocytogenes	6	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0
					Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0
					Data from MURCIA	5	0	detection	Listeria monocytogenes	5	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fruits - products - fruit purée - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Fruits - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Fruits - products - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	21	0	<= 100	Listeria monocytogenes	21	0
								>100	Listeria monocytogenes	21	0
	Fruits - products - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fruits - whole - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	4	0	detection	Listeria monocytogenes	4	0
	Fruits and vegetables - non-pre-cut - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fruits and vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	12	0	<= 100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Fruits and vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	5	0	detection	Listeria monocytogenes	5	0
					Data from Catalunya	6	0	detection	Listeria monocytogenes	6	0
	Fruits and vegetables - pre-cut - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fruits and vegetables - pre-cut - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
					Data from Galicia	10	0	detection	Listeria monocytogenes	10	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	7	0	<= 100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Infant formula - dried - intended for infants below 6 months - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	8	0	detection	Listeria monocytogenes	8	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	3	0	detection	Listeria monocytogenes	3	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
					Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0
	Infant formula - dried - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Infant formula - liquid - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Infant formula - liquid - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	3	0	detection	Listeria monocytogenes	3	0
	Infant formula - liquid - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	5	0	detection	Listeria monocytogenes	5	0
	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
					Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0
					Data from Galicia	2	0	detection	Listeria monocytogenes	2	0
	Infant formula - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Juice - fruit juice - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	1	0	detection	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0
					Data from MURCIA	3	0	detection	Listeria monocytogenes	3	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Juice - vegetable juice - pasteurised - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Juice - vegetable juice - pasteurised - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Juice - vegetable juice - unpasteurised - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	29	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Juice - vegetable juice - unpasteurised - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	11	0	detection	Listeria monocytogenes	11	0
					Data from Comunitat Valenciana	29	1	detection	Listeria monocytogenes	29	1
	Juice - vegetable juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	11	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Juice - vegetable juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	11	1	detection	Listeria monocytogenes	11	1
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Live bivalve molluscs - mussels - depurated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	3	0	detection	Listeria monocytogenes	3	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	4	0	detection	Listeria monocytogenes	4	0
					Data from Canarias-Samples tested only with detection method	5	0	detection	Listeria monocytogenes	5	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	1	detection	Listeria monocytogenes	1	1
					Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	8	1	detection	Listeria monocytogenes	8	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from bovine animals - meat products - cooked, ready-to-eat - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	data from BCP	5	0	<=10	Listeria monocytogenes	5	0
	Meat from bovine animals - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	3	0	detection	Listeria monocytogenes	3	0
	Meat from bovine animals - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from bovine animals - meat products - unspecified, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	13	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
Not Available	Meat from bovine animals - meat products - unspecified, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	13	1	detection	Listeria monocytogenes	13	1
								<= 100	Listeria monocytogenes	1	0
Not Available	Meat from bovine animals - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Meat from bovine animals - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	15	0	detection	Listeria monocytogenes	15	0
								<= 100	Listeria monocytogenes	1	1
Not Available	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
Not Available	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	1	detection	Listeria monocytogenes	1	1
								detection	Listeria monocytogenes	2	2
Not Available	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
Not Available	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	1	detection	Listeria monocytogenes	2	1
								<= 100	Listeria monocytogenes	14	0
Not Available	Meat from bovine animals and pig - meat products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Galicia	14	0	detection	Listeria monocytogenes	14	0
								<= 100	Listeria monocytogenes	5	0
Not Available	Meat from bovine animals and pig - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Galicia	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
Not Available	Meat from broilers (Gallus gallus) - carcass - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Meat from broilers (Gallus gallus) - carcass - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
								detection	Listeria monocytogenes	1	0
Not Available	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
								detection	Listeria monocytogenes	17	0
Not Available	Meat from broilers (Gallus gallus) - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	17	0	detection	Listeria monocytogenes	17	0
								detection	Listeria monocytogenes	4	0
Not Available	Meat from broilers (Gallus gallus) - fresh - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	4	0	detection	Listeria monocytogenes	4	0
								<= 100	Listeria monocytogenes	1	0
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	9	0	detection	Listeria monocytogenes	9	0
								detection	Listeria monocytogenes	8	0
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	8	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	7	1	detection	Listeria monocytogenes	7	1
								<= 100	Listeria monocytogenes	10	0
Not Available	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Galicia	10	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
Not Available	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya-RTE doner kebab ingredient	10	2	<= 100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya-RTE doner kebab ingredient	10	2	detection	Listeria monocytogenes	10	2
	Meat from broilers (Gallus gallus) - offal - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - offal - unspecified - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0
	Meat from deer (venison) - meat products - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Meat from deer (venison) - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Meat from duck - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	12	0	detection	Listeria monocytogenes	12	0
	Meat from farmed game- land mammals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
	Meat from farmed game- land mammals - meat preparation - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	1	0	<= 100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
	Meat from horse - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	1	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	2	0	<= 100	Listeria monocytogenes	2	0
>100								Listeria monocytogenes	2	0	
	Meat from other animal species or not specified - meat preparation - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	15	0	detection	Listeria monocytogenes	15	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	5	0	<= 100	Listeria monocytogenes	5	0
>100								Listeria monocytogenes	5	0	
	Meat from other animal species or not specified - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	17	1	detection	Listeria monocytogenes	17	1
	Meat from other animal species or not specified - meat products - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	7	0	detection	Listeria monocytogenes	7	0
	Meat from other poultry species - meat preparation - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Meat from other poultry species - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	4	0	detection	Listeria monocytogenes	4	0
	Meat from other poultry species - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	6	0	detection	Listeria monocytogenes	6	0
	Meat from other poultry species - meat products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	2	1	<= 100	Listeria monocytogenes	1	1
>100								Listeria monocytogenes	1	0	
	Meat from other poultry species - meat products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	2	1	detection	Listeria monocytogenes	2	1
	Meat from pig - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	11	0	<= 100	Listeria monocytogenes	11	0
>100								Listeria monocytogenes	11	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	8	0	detection	Listeria monocytogenes	8	0
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	4	0	detection	Listeria monocytogenes	4	0
	Meat from pig - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling	single (food/fee d)	25	Gram	Data from Canarias	19	0	<= 100	Listeria monocytogenes	19	0
								>100	Listeria monocytogenes	19	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	40	4	detection	Listeria monocytogenes	40	4
	Meat from pig - meat preparation - intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	8	1	<= 100	Listeria monocytogenes	8	1
								>100	Listeria monocytogenes	8	1
	Meat from pig - meat products - cooked ham - non-sliced - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	3	0	detection	Listeria monocytogenes	3	0
	Meat from pig - meat products - cooked ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
					Data from Comunitat Valenciana	3	0	detection	Listeria monocytogenes	3	0
	Meat from pig - meat products - cooked ham - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked ham - sliced - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	6	0	detection	Listeria monocytogenes	6	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	7	0	detection	Listeria monocytogenes	7	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	5	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
					Data from Comunitat Valenciana	20	4	<= 100	Listeria monocytogenes	4	4
								>100	Listeria monocytogenes	4	0
					Data from Euskadi	5	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
					Data from MURCIA	5	4	<= 100	Listeria monocytogenes	5	2
								>100	Listeria monocytogenes	5	2
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	5	1	detection	Listeria monocytogenes	5	1
					Data from Castilla-La Mancha	2	1	detection	Listeria monocytogenes	2	1
					Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
					Data from Comunitat Valenciana	20	4	detection	Listeria monocytogenes	20	4
					Data from Euskadi	5	1	detection	Listeria monocytogenes	5	1
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	6	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
					Data from Comunitat Valenciana	8	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
					Data from Extremadura	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	6	1	detection	Listeria monocytogenes	6	1
					Data from Comunitat Valenciana	8	0	detection	Listeria monocytogenes	8	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	8	0	detection	Listeria monocytogenes	8	0
					Data from La Rioja	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	9	0	<= 100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Meat from pig - meat products - cooked, ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Galicia	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	12	7	<= 100	Listeria monocytogenes	7	7
								>100	Listeria monocytogenes	7	0
	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	12	7	detection	Listeria monocytogenes	12	7
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	14	5	<= 100	Listeria monocytogenes	5	5
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	14	5	detection	Listeria monocytogenes	14	5
	Meat from pig - meat products - meat specialities - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	32	3	<= 100	Listeria monocytogenes	3	3
								>100	Listeria monocytogenes	3	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	32	3	detection	Listeria monocytogenes	32	3
	Meat from pig - meat products - meat specialities - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	41	12	<= 100	Listeria monocytogenes	41	6
								>100	Listeria monocytogenes	41	6
	Meat from pig - meat products - meat specialities - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - pâté - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
					Data from Comunitat Valenciana	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - pâté - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	14	0	detection	Listeria monocytogenes	14	0
					Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat products - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	16	16	<= 100	Listeria monocytogenes	16	11
								>100	Listeria monocytogenes	16	5
	Meat from pig - meat products - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	12	0	detection	Listeria monocytogenes	12	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	3	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	3	1	detection	Listeria monocytogenes	3	1
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
Data from Comunitat Valenciana					4	0	detection	Listeria monocytogenes	4	0	
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	62	15	<= 100	Listeria monocytogenes	15	12
>100					Listeria monocytogenes	15	3				
Data from Castilla-La Mancha					11	2	<= 100	Listeria monocytogenes	2	2	
>100					Listeria monocytogenes	2	0				
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	62	15	detection	Listeria monocytogenes	62	15
Data from Castilla-La Mancha					11	2	detection	Listeria monocytogenes	11	2	
Data from Comunitat Valenciana					4	0	detection	Listeria monocytogenes	4	0	
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	Data from Aragon	39	24	<= 100	Listeria monocytogenes	24	20
>100								Listeria monocytogenes	24	4	
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	Data from Aragon	39	24	detection	Listeria monocytogenes	39	24
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
Data from Castilla-La Mancha					4	2	detection	Listeria monocytogenes	4	2	
	Meat from pig - meat products - raw but intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - raw ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	4	2	<= 100	Listeria monocytogenes	2	2
>100								Listeria monocytogenes	2	0	
	Meat from pig - meat products - raw ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	4	2	detection	Listeria monocytogenes	4	2
	Meat from pig - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from La Rioja	4	0	<= 100	Listeria monocytogenes	4	0
>100								Listeria monocytogenes	4	0	
	Meat from pig - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	694	27	detection	Listeria monocytogenes	694	27
	Meat from pig - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	50	Gram	Data from La Rioja	4	4	<= 100	Listeria monocytogenes	4	3
>100								Listeria monocytogenes	4	1	
	Meat from pig - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	Data from La Rioja	4	4	detection	Listeria monocytogenes	4	4
	Meat from pig - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	98	1	<= 100	Listeria monocytogenes	98	1
>100					Listeria monocytogenes	98	1				
Data from La Rioja					3	0	<= 100	Listeria monocytogenes	3	0	
	Meat from pig - meat products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	9	0	<= 100	Listeria monocytogenes	9	0
>100								Listeria monocytogenes	9	0	
	Meat from pig - meat products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	1	detection	Listeria monocytogenes	1	1
	Meat from pig - meat products - unspecified, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	12	0	<= 100	Listeria monocytogenes	12	0
>100					Listeria monocytogenes	12	0				
Data from Extremadura					33	19	<= 100	Listeria monocytogenes	19	17	
>100					Listeria monocytogenes	19	2				
	Meat from pig - meat products - unspecified, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	12	0	detection	Listeria monocytogenes	12	0
Data from Extremadura					33	19	detection	Listeria monocytogenes	33	19	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from pig - meat products - unspecified, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	11	0	<= 100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Meat from pig - other slaughtering products - blood - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	3	0	detection	Listeria monocytogenes	3	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	1	0	<= 100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	2	0	<= 100	Listeria monocytogenes	2	0
>100								Listeria monocytogenes	2	0	
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	2	0	detection	Listeria monocytogenes	2	0
	Meat from poultry, unspecified - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	35	0	detection	Listeria monocytogenes	35	0
	Meat from poultry, unspecified - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	31	0	<= 100	Listeria monocytogenes	31	0
								>100	Listeria monocytogenes	31	0
	Meat from poultry, unspecified - offal - unspecified - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	2	0	detection	Listeria monocytogenes	2	0
	Meat from rabbit - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from wild game - birds - meat products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Meat from wild game - land mammals - meat products - raw and intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	9	1	detection	Listeria monocytogenes	9	1
	Meat, mixed meat - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Catalunya	10	2	<= 100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	10	2	detection	Listeria monocytogenes	10	2
	Meat, mixed meat - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	1	0	detection	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat, mixed meat - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	1	detection	Listeria monocytogenes	1	1
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	3	0	detection	Listeria monocytogenes	3	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Milk, cows' - pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
					Data from Catalunya	4	0	detection	Listeria monocytogenes	4	0
					Data from Euskadi	14	0	detection	Listeria monocytogenes	14	0
	Milk, cows' - pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Milk, cows' - pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
					Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Milk, cows' - pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Milk, cows' - raw milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	Data from Catalunya	8	0	detection	Listeria monocytogenes	8	0
	Milk, cows' - raw milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
	Milk, goats' - raw milk for manufacture - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0
	Milk, sheep's - pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	1	detection	Listeria monocytogenes	1	1
	Molluscan shellfish - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Molluscan shellfish - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	2	0	detection	Listeria monocytogenes	2	0
	Molluscan shellfish - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	4	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
					Data from Comunitat Valenciana	4	1	detection	Listeria monocytogenes	4	1
	Molluscan shellfish - cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	3	0	detection	Listeria monocytogenes	3	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Molluscan shellfish - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Molluscan shellfish - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Mushrooms - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Nuts and nut products - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - chips, crisps, fries and dough-based analogues - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - egg based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Catalunya-RTE Omelette	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - egg based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - egg based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - egg based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - egg based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
					Data from Euskadi	8	0	detection	Listeria monocytogenes	8	0
	Other processed food products and prepared dishes - egg based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - egg based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	75	0	<= 100	Listeria monocytogenes	75	0
								>100	Listeria monocytogenes	75	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Euskadi	20	0	<= 100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Castilla-La Mancha	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	1	0	detection	Listeria monocytogenes	1	0
					Data from Canarias	<= 100	Listeria monocytogenes	30	0		
						>100	Listeria monocytogenes	30	0		
						Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1
			>100	Listeria monocytogenes	1	0					

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive		
Not Available	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0		
					Data from Canarias-Samples tested only with detection method	9	0	detection	Listeria monocytogenes	9	0		
	Other processed food products and prepared dishes - egg based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	6	0	<= 100	Listeria monocytogenes	6	0		
								>100	Listeria monocytogenes	6	0		
	Other processed food products and prepared dishes - egg based dishes - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	3	0	<= 100	Listeria monocytogenes	3	0		
								>100	Listeria monocytogenes	3	0		
	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0		
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	15	0	detection	Listeria monocytogenes	15	0		
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	10	3	<= 100	Listeria monocytogenes	3	3		
								>100	Listeria monocytogenes	3	0		
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	10	3	detection	Listeria monocytogenes	10	3		
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	4	0	<= 100	Listeria monocytogenes	4	0		
										>100	Listeria monocytogenes	4	0
					Data from Euskadi	19	0	<= 100	Listeria monocytogenes	19	0		
								>100	Listeria monocytogenes	19	0		
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0		
					Data from Canarias-Samples tested only with detection method	3	0	detection	Listeria monocytogenes	3	0		
					Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0		
					Data from Comunitat Valenciana	1	0	detection	Listeria monocytogenes	1	0		
					Data from Euskadi	19	0	detection	Listeria monocytogenes	19	0		
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	7	0	detection	Listeria monocytogenes	7	0		
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	8	0	detection	Listeria monocytogenes	8	0		
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	9	0	<= 100	Listeria monocytogenes	9	0		
								>100	Listeria monocytogenes	9	0		
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	5	0	<= 100	Listeria monocytogenes	5	0		
										>100	Listeria monocytogenes	5	0
					Data from Euskadi	44	1	<= 100	Listeria monocytogenes	1	0		
								>100	Listeria monocytogenes	1	1		
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	5	0	detection	Listeria monocytogenes	5	0		
					Data from Euskadi	44	1	detection	Listeria monocytogenes	44	1		
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0		
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	81	0	<= 100	Listeria monocytogenes	81	0		
										>100	Listeria monocytogenes	81	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0		
					Data from Canarias-Samples tested only with detection method	14	0	detection	Listeria monocytogenes	14	0		
					Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0		
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from ANDALUCIA	5	0	<= 100	Listeria monocytogenes	5	0		
										>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	3	0	<= 100	Listeria monocytogenes	3	0		
										>100	Listeria monocytogenes	3	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	13	0	<= 100	Listeria monocytogenes	13	0
								>100	Listeria monocytogenes	13	0
Not Available	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Canarias-Samples tested only with detection method	10	0	detection	Listeria monocytogenes	10	0
					Data from Castilla-La Mancha	3	1	detection	Listeria monocytogenes	3	1
Not Available	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
Not Available	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	10	0	<= 100	Listeria monocytogenes	10	0
					>100	Listeria monocytogenes	10	0			
Not Available	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
					Data from Aragon	8	3	<= 100	Listeria monocytogenes	3	3
Not Available	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	8	3	>100	Listeria monocytogenes	3	0
					detection	Listeria monocytogenes	8	3			
Not Available	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
					Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
Not Available	Other processed food products and prepared dishes - legumes based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	>100	Listeria monocytogenes	1	0
					detection	Listeria monocytogenes	1	0			
Not Available	Other processed food products and prepared dishes - legumes based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
					Data from Comunitat Valenciana	1	0	detection	Listeria monocytogenes	1	0
					Data from Euskadi	12	0	detection	Listeria monocytogenes	12	0
Not Available	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	30	0	<= 100	Listeria monocytogenes	30	0
					>100	Listeria monocytogenes	30	0			
Not Available	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	3	0	<= 100	Listeria monocytogenes	3	0
					>100	Listeria monocytogenes	3	0			
					Data from Euskadi	39	0	<= 100	Listeria monocytogenes	39	0
					>100	Listeria monocytogenes	39	0			
Not Available	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	3	0	detection	Listeria monocytogenes	3	0
					Data from Comunitat Valenciana	4	0	detection	Listeria monocytogenes	4	0
Not Available	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	14	0	<= 100	Listeria monocytogenes	14	0
					>100	Listeria monocytogenes	14	0			
Not Available	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Canarias-Samples tested only with detection method	7	0	detection	Listeria monocytogenes	7	0
					Data from Euskadi	8	0	detection	Listeria monocytogenes	8	0
Not Available	Other processed food products and prepared dishes - legumes based dishes - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	2	0	<= 100	Listeria monocytogenes	2	0
					>100	Listeria monocytogenes	2	0			
Not Available	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0
					Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
Not Available	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Catalunya-RTE Roast chicken with potatoes	1	0	detection	Listeria monocytogenes	1	0
					Data from Aragon	31	2	<= 100	Listeria monocytogenes	2	2
Not Available	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	31	2	>100	Listeria monocytogenes	2	0
					>100	Listeria monocytogenes	2	0			

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	31	2	detection	Listeria monocytogenes	31	2
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	11	2	<= 100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	11	2	detection	Listeria monocytogenes	11	2
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	11	0	<= 100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Canarias-Samples tested only with detection method	12	0	detection	Listeria monocytogenes	12	0
					Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
					Data from Comunitat Valenciana	4	0	detection	Listeria monocytogenes	4	0
					Data from Euskadi	36	0	detection	Listeria monocytogenes	36	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	44	2	detection	Listeria monocytogenes	44	2
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	94	0	<= 100	Listeria monocytogenes	94	0
								>100	Listeria monocytogenes	94	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	19	0	<= 100	Listeria monocytogenes	19	0
								>100	Listeria monocytogenes	19	0
					Data from Euskadi	82	0	<= 100	Listeria monocytogenes	82	0
								>100	Listeria monocytogenes	82	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Castilla-La Mancha	10	0	detection	Listeria monocytogenes	10	0
					Data from Comunitat Valenciana	23	0	detection	Listeria monocytogenes	23	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	156	156	<= 100	Listeria monocytogenes	156	154
								>100	Listeria monocytogenes	156	2
					Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
					Data from Canarias-Samples tested only with detection method	47	1	detection	Listeria monocytogenes	47	1
					Data from Euskadi	11	0	detection	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	7	1	<= 100	Listeria monocytogenes	7	1
								>100	Listeria monocytogenes	7	1
	Other processed food products and prepared dishes - meat based dishes - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - mushroom based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - mushroom based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - pasta - filled pasta - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - filled pasta - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - pasta - filled pasta - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - pasta - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - pasta - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - pasta - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Canarias-Samples tested only with detection method	6	0	detection	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - pasta based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	5	0	detection	Listeria monocytogenes	5	0
					Data from Euskadi	6	0	detection	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - pasta based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	39	0	<= 100	Listeria monocytogenes	39	0
								>100	Listeria monocytogenes	39	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Euskadi	24	0	<= 100	Listeria monocytogenes	24	0
								>100	Listeria monocytogenes	24	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
					Data from Comunitat Valenciana	11	0	detection	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - pasta based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
					Data from Euskadi	7	0	detection	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - pasta based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta/rice salad - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta/rice salad - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta/rice salad - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
					Data from Euskadi	3	0	detection	Listeria monocytogenes	3	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - pasta/rice salad - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	8	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Other processed food products and prepared dishes - pasta/rice salad - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	19	0	<= 100	Listeria monocytogenes	19	0
								>100	Listeria monocytogenes	19	0
	Other processed food products and prepared dishes - pasta/rice salad - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	1	detection	Listeria monocytogenes	2	1
					Data from Euskadi	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	3	0	detection	Listeria monocytogenes	3	0
					Data from Comunitat Valenciana	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
					Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - potato based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - potato based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - potato based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - potato based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0
					Data from Comunitat Valenciana	2	0	detection	Listeria monocytogenes	2	0
					Data from Euskadi	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	36	0	<= 100	Listeria monocytogenes	36	0
								>100	Listeria monocytogenes	36	0
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Euskadi	7	0	<= 100	Listeria monocytogenes	7	0
							>100	Listeria monocytogenes	7	0	
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - potato based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - potato based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
					Data from Euskadi	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	12	0	detection	Listeria monocytogenes	12	0
	Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	18	0	<= 100	Listeria monocytogenes	18	0
								>100	Listeria monocytogenes	18	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - rice based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - rice based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Comunitat Valenciana	2	0	detection	Listeria monocytogenes	2	0
					Data from Euskadi	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	28	0	<= 100	Listeria monocytogenes	28	0
								>100	Listeria monocytogenes	28	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Euskadi	17	0	<= 100	Listeria monocytogenes	17	0
								>100	Listeria monocytogenes	17	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	3	1	detection	Listeria monocytogenes	3	1
					Data from Comunitat Valenciana	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	29	0	<= 100	Listeria monocytogenes	29	0
								>100	Listeria monocytogenes	29	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Canarias-Samples tested only with detection method	12	1	detection	Listeria monocytogenes	12	1
					Data from Euskadi	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
					Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Euskadi	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0
					Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunitat Valenciana	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - sandwiches - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - sandwiches - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - sandwiches - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - sandwiches - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	15	0	<= 100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - sandwiches - with meat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Euskadi	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - with meat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0
								Data from Euskadi	1	0	detection
	Other processed food products and prepared dishes - sandwiches - with meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - snacks other than chips and similar - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Catalunya	10	0	<= 100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Galicia	75	1	detection	Listeria monocytogenes	75	1
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Hospital or medical care facility - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Hospital or medical care facility - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	111	0	<= 100	Listeria monocytogenes	111	0
								>100	Listeria monocytogenes	111	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	9	0	detection	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Hospital or medical care facility - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	7	0	<= 100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Hospital or medical care facility - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	7	0	detection	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
					Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	1	<= 100	Listeria monocytogenes	1	1
							>100	Listeria monocytogenes	1	0	
					Data from Euskadi	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0	
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	1	detection	Listeria monocytogenes	2	1
					Data from Castilla-La Mancha	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	19	0	<= 100	Listeria monocytogenes	19	0
								>100	Listeria monocytogenes	19	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	4	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0	
					Data from Extremadura	10	0	<= 100	Listeria monocytogenes	10	0
							>100	Listeria monocytogenes	10	0	
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cantabria	2	0	detection	Listeria monocytogenes	2	0
					Data from Catalunya	14	0	detection	Listeria monocytogenes	14	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	275	0	<= 100	Listeria monocytogenes	275	0
								>100	Listeria monocytogenes	275	0
	Other processed food products and prepared dishes - unspecified - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	11	0	<= 100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - unspecified - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	31	0	detection	Listeria monocytogenes	31	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	17	5	<= 100	Listeria monocytogenes	5	5
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	17	5	detection	Listeria monocytogenes	17	5
								<= 100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	2	0	>100	Listeria monocytogenes	2	0
								detection	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	7	0	detection	Listeria monocytogenes	7	0
					Data from Euskadi	16	0	detection	Listeria monocytogenes	16	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
								<= 100	Listeria monocytogenes	17	1
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	17	1	detection	Listeria monocytogenes	17	1
								>100	Listeria monocytogenes	50	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	50	0	<= 100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
					Data from Euskadi	46	0	<= 100	Listeria monocytogenes	46	0
								>100	Listeria monocytogenes	46	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	11	0	detection	Listeria monocytogenes	11	0
					Data from Comunitat Valenciana	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
								<= 100	Listeria monocytogenes	33	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	33	0	>100	Listeria monocytogenes	33	0
								detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
								Data from Canarias-Samples tested only with detection method	26	0	detection
					Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	23	0	<= 100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
	Other processed food products and prepared dishes - vegetable based dishes - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	1	0	<= 100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
Other products of animal origin - gelatin and collagen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	2	0	detection	Listeria monocytogenes	2	0	
							<= 100	Listeria monocytogenes	2	0	
Potato chips - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0	
				<= 100	Listeria monocytogenes	4	0				
Ready-to-eat salads - containing mayonnaise - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	4	0	>100	Listeria monocytogenes	4	0	
							detection	Listeria monocytogenes	1	0	
Ready-to-eat salads - containing mayonnaise - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0	
				<= 100	Listeria monocytogenes	11	0				
Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	11	0	>100	Listeria monocytogenes	11	0	
							detection	Listeria monocytogenes	2	1	
Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	1	detection	Listeria monocytogenes	2	1	
				Data from Castilla-La Mancha	7	0	detection	Listeria monocytogenes	7	0	
Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	64	0	<= 100	Listeria monocytogenes	64	0	
							>100	Listeria monocytogenes	64	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive	
Not Available	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	5	1	detection	Listeria monocytogenes	5	1	
					Data from Euskadi	1	0	detection	Listeria monocytogenes	1	0	
	Ready-to-eat salads - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	17	0	<= 100	Listeria monocytogenes	17	0	
						>100	Listeria monocytogenes	17	0			
	Ready-to-eat salads - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	7	0	detection	Listeria monocytogenes	7	0	
					Data from Comunitat Valenciana	5	0	detection	Listeria monocytogenes	5	0	
					Data from Euskadi	6	0	detection	Listeria monocytogenes	6	0	
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	223	0	<= 100	Listeria monocytogenes	223	0	
						>100	Listeria monocytogenes	223	0			
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	39	6	<= 100	Listeria monocytogenes	6	6	
						>100	Listeria monocytogenes	6	0			
						57	0	<= 100	Listeria monocytogenes	57	0	
						>100	Listeria monocytogenes	57	0			
						Data from Euskadi	57	0	<= 100	Listeria monocytogenes	57	0
						>100	Listeria monocytogenes	57	0			
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	3	0	detection	Listeria monocytogenes	3	0	
					Data from Comunitat Valenciana	39	6	detection	Listeria monocytogenes	39	6	
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	151	0	<= 100	Listeria monocytogenes	151	0	
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	7	0	detection	Listeria monocytogenes	7	0	
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	20	0	detection	Listeria monocytogenes	20	0	
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0	
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	8	0	detection	Listeria monocytogenes	8	0	
	Sauce and dressings - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0	
	Sauce and dressings - mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0	
	Sauce and dressings - mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	3	0	<= 100	Listeria monocytogenes	3	0	
						>100	Listeria monocytogenes	3	0			
	Sauce and dressings - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	8	0	<= 100	Listeria monocytogenes	8	0	
						>100	Listeria monocytogenes	8	0			
	Sauce and dressings - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0	
	Sauce and dressings - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0	
	Sauce and dressings - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	3	0	detection	Listeria monocytogenes	3	0	
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	6	0	<= 100	Listeria monocytogenes	6	0	
						>100	Listeria monocytogenes	6	0			
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya-RTE doner kebab ingredient	20	0	detection	Listeria monocytogenes	20	0	
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0	
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	34	0	<= 100	Listeria monocytogenes	34	0	
						>100	Listeria monocytogenes	34	0			

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive			
Not Available	Sauce and dressings - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	8	0	detection	Listeria monocytogenes	8	0			
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0			
	Sauce and dressings - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0			
	Sauce and dressings - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	2	0	<= 100	Listeria monocytogenes	2	0			
>100								Listeria monocytogenes	2	0				
	Seeds, sprouted - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0			
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	24	0	detection	Listeria monocytogenes	24	0			
					Data from MURCIA	6	0	detection	Listeria monocytogenes	6	0			
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	2	0	detection	Listeria monocytogenes	2	0			
	Seeds, sprouted - shoot - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0			
	Soups - ready-to-eat - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Catalunya-RTE Chicken soup with pasta	1	0	detection	Listeria monocytogenes	1	0			
	Soups - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	1	0	detection	Listeria monocytogenes	1	0			
					Data from Euskadi	2	0	detection	Listeria monocytogenes	2	0			
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	3	0	<= 100	Listeria monocytogenes	3	0			
								>100	Listeria monocytogenes	3	0			
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	2	0	<= 100	Listeria monocytogenes	2	0			
								>100	Listeria monocytogenes	2	0			
								Data from Euskadi	10	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0			
	Soups - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	2	0	<= 100	Listeria monocytogenes	2	0			
								>100	Listeria monocytogenes	2	0			
	Soups - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	7	0	detection	Listeria monocytogenes	7	0			
	Soups - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	2	0	<= 100	Listeria monocytogenes	2	0			
								>100	Listeria monocytogenes	2	0			
	Spices and herbs - dried - irradiated - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	4	0	detection	Listeria monocytogenes	4	0			
	Spices and herbs - dried - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	29	0	<= 100	Listeria monocytogenes	29	0			
								>100	Listeria monocytogenes	29	0			
	Spices and herbs - dried - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	11	0	detection	Listeria monocytogenes	11	0			
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0			
					Data from Euskadi	64	0	detection	Listeria monocytogenes	64	0			
	Spices and herbs - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0			
					Data from Catalunya	6	0	detection	Listeria monocytogenes	6	0			
					Data from Euskadi	2	0	detection	Listeria monocytogenes	2	0			
	Surimi - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0			

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Vegetables - leaves - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - non-pre-cut - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - pre-cut - frozen vegetables - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
	Vegetables - pre-cut - frozen vegetables - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	14	4	<= 100	Listeria monocytogenes	4	4
								>100	Listeria monocytogenes	4	0
	Vegetables - pre-cut - frozen vegetables - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	14	4	detection	Listeria monocytogenes	14	4
	Vegetables - pre-cut - frozen vegetables - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	24	Gram	Data from Galicia	6	0	<= 100	Listeria monocytogenes	6	0
			25	Gram	Data from Aragon	15	1	<= 100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
					Data from Galicia	6	0	>100	Listeria monocytogenes	6	0
	Vegetables - pre-cut - frozen vegetables - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	15	1	detection	Listeria monocytogenes	15	1
					Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0
	Vegetables - pre-cut - frozen vegetables - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	70	0	<= 100	Listeria monocytogenes	70	0
								>100	Listeria monocytogenes	70	0
	Vegetables - pre-cut - frozen vegetables - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	10	0	detection	Listeria monocytogenes	10	0
	Vegetables - pre-cut - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	2	1	detection	Listeria monocytogenes	2	1
	Vegetables - pre-cut - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	3	0	detection	Listeria monocytogenes	3	0
					Data from Galicia	20	0	detection	Listeria monocytogenes	20	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya-RTE doner kebab ingredient	10	0	detection	Listeria monocytogenes	10	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	18	0	<= 100	Listeria monocytogenes	18	0
								>100	Listeria monocytogenes	18	0
					Data from Galicia	10	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
					Data from Catalunya	13	0	detection	Listeria monocytogenes	13	0
					Data from MURCIA	10	0	detection	Listeria monocytogenes	10	0
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	31	0	<= 100	Listeria monocytogenes	31	0
								>100	Listeria monocytogenes	31	0
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	3	0	detection	Listeria monocytogenes	3	0
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
	Vegetables - products - canned - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Vegetables - products - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	15	0	<= 100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Vegetables - products - cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - products - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Galicia	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Vegetables - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	26	0	<= 100	Listeria monocytogenes	26	0
								>100	Listeria monocytogenes	26	0
	Vegetables - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Vegetables - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	2	0	detection	Listeria monocytogenes	2	0
	Vegetables - products - fruit purée - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Comunitat Valenciana	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Vegetables - products - fruit purée - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0
	Vegetables - products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	12	0	<= 100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Vegetables - products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias-Samples tested only with detection method	3	0	detection	Listeria monocytogenes	3	0
Asturias	Bakery products - cakes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	35	0	detection	Listeria monocytogenes	35	0
	Bakery products - cakes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	15	0	detection	Listeria monocytogenes	15	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	50	8	detection	Listeria monocytogenes	50	8
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	10	0	detection	Listeria monocytogenes	10	0
	Crustaceans - unspecified - cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	30	0	detection	Listeria monocytogenes	30	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	20	0	detection	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	15	0	detection	Listeria monocytogenes	15	0
	Fish - smoked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	10	0	detection	Listeria monocytogenes	10	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	20	0	detection	Listeria monocytogenes	20	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Asturias	Meat, mixed meat - meat products - fresh raw sausages - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	35	10	detection	Listeria monocytogenes	35	10
	Meat, mixed meat - meat products - raw and intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	65	3	detection	Listeria monocytogenes	65	3
	Milk, cows' - pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	Data from Principado de Asturias	15	0	detection	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	200	1	detection	Listeria monocytogenes	200	1
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	15	0	detection	Listeria monocytogenes	15	0
Navarra	Bakery products - cakes - containing heat-treated cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - cakes - containing heat-treated cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - cakes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Bakery products - cakes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	2	0	detection	Listeria monocytogenes	2	0
	Bakery products - pastry - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	6	0	<= 100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	0
	Bakery products - pastry - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	6	0	detection	Listeria monocytogenes	6	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	
Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0	
Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	45	7	<= 100	Listeria monocytogenes	7	7	
							>100	Listeria monocytogenes	7	0	
Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	45	7	detection	Listeria monocytogenes	45	7	
Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	
Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0	
Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Navarra	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	8	2	<= 100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	8	2	detection	Listeria monocytogenes	8	2
	Dairy products (excluding cheeses) - fermented dairy products - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - fermented dairy products - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	4	0	detection	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	3	0	detection	Listeria monocytogenes	3	0
	Egg products - liquid - whole - pasteurised - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Egg products - liquid - whole - pasteurised - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Fish - cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Fish - marinated - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - marinated - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Fish - smoked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - smoked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Fishery products, unspecified - raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Fishery products, unspecified - raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	2	0	detection	Listeria monocytogenes	2	0
	Fishery products, unspecified - smoked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	8	0	<= 100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
Fishery products, unspecified - smoked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	8	0	detection	Listeria monocytogenes	8	0	
Fruits - non-pre-cut - frozen - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	
Fruits - non-pre-cut - frozen - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0	
Fruits - non-pre-cut - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Navarra	Fruits - non-pre-cut - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Live bivalve molluscs - mussels - depurated - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	<= 100 >100	Listeria monocytogenes Listeria monocytogenes	1 1	0 0
	Live bivalve molluscs - mussels - depurated - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	<= 100 >100	Listeria monocytogenes Listeria monocytogenes	1 1	0 0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Meat from deer (venison) - meat products - raw and intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	<= 100 >100	Listeria monocytogenes Listeria monocytogenes	1 1	0 0
	Meat from deer (venison) - meat products - raw and intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	22	0	detection	Listeria monocytogenes	22	0
	Meat from pig - meat preparation - intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	2	0	<= 100 >100	Listeria monocytogenes Listeria monocytogenes	2 2	0 0
	Meat from pig - meat preparation - intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked ham - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	4	0	<= 100 >100	Listeria monocytogenes Listeria monocytogenes	4 4	0 0
	Meat from pig - meat products - cooked ham - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	4	0	detection	Listeria monocytogenes	4	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	11	0	<= 100 >100	Listeria monocytogenes Listeria monocytogenes	11 11	0 0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	11	0	detection	Listeria monocytogenes	11	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	2	0	<= 100 >100	Listeria monocytogenes Listeria monocytogenes	2 2	0 0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	2	0	detection	Listeria monocytogenes	2	0
	Meat from turkey - meat products - cooked, ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	6	0	<= 100 >100	Listeria monocytogenes Listeria monocytogenes	6 6	0 0
	Meat from turkey - meat products - cooked, ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	6	0	detection	Listeria monocytogenes	6	0
	Meat from wild boar - meat preparation - intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	<= 100 >100	Listeria monocytogenes Listeria monocytogenes	1 1	0 0
	Meat from wild boar - meat preparation - intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
	Milk, cows' - pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	3	0	<= 100 >100	Listeria monocytogenes Listeria monocytogenes	3 3	0 0
	Milk, cows' - pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	3	0	detection	Listeria monocytogenes	3	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Navarra	Other processed food products and prepared dishes - vegetable based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
								<= 100	Listeria monocytogenes	1	0
	Other products of animal origin - gelatin and collagen - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other products of animal origin - gelatin and collagen - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
								<= 100	Listeria monocytogenes	1	0
	Roe - chilled - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Roe - chilled - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0
								<= 100	Listeria monocytogenes	1	0
	Vegetables - non-pre-cut - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	<= 100	Listeria monocytogenes	1	0
>100								Listeria monocytogenes	1	0	
Vegetables - non-pre-cut - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	1	0	detection	Listeria monocytogenes	1	0	
							<= 100	Listeria monocytogenes	1	0	
Vegetables - pre-cut - frozen vegetables - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	6	2	detection	Listeria monocytogenes	6	2	
							<= 100	Listeria monocytogenes	6	2	
Vegetables - pre-cut - frozen vegetables - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	16	2	detection	Listeria monocytogenes	16	2	
							<= 100	Listeria monocytogenes	16	2	
Comunidad de Madrid (NUTS level 2)	Beverages, non-alcoholic - soft drinks - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Crustaceans - unspecified - cooked - chilled - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	DATA FROM CCMadrid	10	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Crustaceans - unspecified - cooked - chilled - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM CCMadrid Samples tested only with detection method	5	0	detection	Listeria monocytogenes	5	0
								<= 100	Listeria monocytogenes	5	0
	Crustaceans - unspecified - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	DATA FROM CCMadrid	60	0	<= 100	Listeria monocytogenes	60	0
								>100	Listeria monocytogenes	60	0
	Crustaceans - unspecified - cooked - chilled - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	DATA FROM CCMadrid	15	0	<= 100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Crustaceans - unspecified - cooked - frozen - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - unspecified - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	DATA FROM CCMadrid	80	0	<= 100	Listeria monocytogenes	80	0
								>100	Listeria monocytogenes	80	0
	Crustaceans - unspecified - cooked - frozen - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	145	0	<= 100	Listeria monocytogenes	145	0
								>100	Listeria monocytogenes	145	0
	Egg products - liquid - white - pasteurised - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM CCMadrid	5	0	detection	Listeria monocytogenes	5	0
								<= 100	Listeria monocytogenes	5	0
Egg products - liquid - white - pasteurised - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	150	Gram	DATA FROM CCMadrid	80	0	<= 100	Listeria monocytogenes	80	0	
							>100	Listeria monocytogenes	80	0	
Egg products - liquid - whole - pasteurised - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM CCMadrid	5	0	detection	Listeria monocytogenes	5	0	
							<= 100	Listeria monocytogenes	5	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Comunidad de Madrid (NUTS level 2)	Egg products - liquid - whole - pasteurised - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	150	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fishery products, unspecified - smoked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	10	0	<= 100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Fishery products, unspecified - smoked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	90	0	<= 100	Listeria monocytogenes	90	0
								>100	Listeria monocytogenes	90	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM CCMadrid	190	0	detection	Listeria monocytogenes	190	0
	Fruits - pre-cut - ready-to-eat - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	150	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fruits - pre-cut - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	150	Gram	DATA FROM CCMadrid	100	0	<= 100	Listeria monocytogenes	100	0
								>100	Listeria monocytogenes	100	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	150	Gram	DATA FROM CCMadrid	145	0	<= 100	Listeria monocytogenes	145	0
								>100	Listeria monocytogenes	145	0
	Juice - mixed juice - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	12	0	<= 100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM CCMadrid	30	0	detection	Listeria monocytogenes	30	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM CCMadrid	65	0	detection	Listeria monocytogenes	65	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	150	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	10	0	<= 100	Listeria monocytogenes	10	0
>100								Listeria monocytogenes	10	0	
Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	40	1	<= 100	Listeria monocytogenes	40	0	
							>100	Listeria monocytogenes	40	1	
Meat from pig - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	190	0	<= 100	Listeria monocytogenes	190	0	
							>100	Listeria monocytogenes	190	0	
Other processed food products and prepared dishes - Catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM CCMadrid	90	0	detection	Listeria monocytogenes	90	0	
Other processed food products and prepared dishes - chips, crisps, fries and dough-based analogues - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	2	0	<= 100	Listeria monocytogenes	2	0	
							>100	Listeria monocytogenes	2	0	
Other processed food products and prepared dishes - egg based dishes - Catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM CCMadrid	15	0	detection	Listeria monocytogenes	15	0	
Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	150	Gram	DATA FROM CCMadrid	29	0	<= 100	Listeria monocytogenes	29	0	
							>100	Listeria monocytogenes	29	0	
Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	150	Gram	DATA FROM CCMadrid	90	0	<= 100	Listeria monocytogenes	90	0	
							>100	Listeria monocytogenes	90	0	
Other processed food products and prepared dishes - sandwiches - Catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM CCMadrid	50	0	detection	Listeria monocytogenes	50	0	
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	150	Gram	DATA FROM CCMadrid	241	0	<= 100	Listeria monocytogenes	241	0	
							>100	Listeria monocytogenes	241	0	
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	2	0	<= 100	Listeria monocytogenes	2	0	
							>100	Listeria monocytogenes	2	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Comunidad de Madrid (NUTS level 2)	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	14	0	<= 100	Listeria monocytogenes	14	0
								>100	Listeria monocytogenes	14	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	3	0	<= 100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - vegetarian pâté - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	2	0	<= 100	Listeria monocytogenes	2	0
>100								Listeria monocytogenes	2	0	
Sauce and dressings - mayonnaise - Catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM CCMadrid	10	0	detection	Listeria monocytogenes	10	0	
Madrid (NUTS level 3)	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	4	0	<= 100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Retail - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - raw - Wholesale - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - smoked - Retail - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
								single (food/feed d)	100	Gram	DATA FROM CCMadrid
								>100	Listeria monocytogenes	10	1
	Fish - smoked - Retail - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Fish - smoked - Wholesale - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	23	0	<= 100	Listeria monocytogenes	23	0
								>100	Listeria monocytogenes	23	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Fruits and vegetables - products - Wholesale - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0	
							>100	Listeria monocytogenes	5	0	
Meat from bovine animals - fresh - Wholesale - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	
Meat from bovine animals - minced meat - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	
Meat from broilers (Gallus gallus) - meat products - Retail - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	2	0	<= 100	Listeria monocytogenes	2	0	
							>100	Listeria monocytogenes	2	0	
Meat from pig - meat products - Retail - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	8	0	<= 100	Listeria monocytogenes	8	0	
							>100	Listeria monocytogenes	8	0	
Meat from pig - meat products - Retail - Spain - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	
							single (food/feed d)	100	Gram	DATA FROM CCMadrid	2
							>100	Listeria monocytogenes	2	0	
Meat from pig - meat products - Wholesale - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	11	0	<= 100	Listeria monocytogenes	11	0	
							>100	Listeria monocytogenes	11	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Madrid (NUTS level 3)	Meat from pig - meat products - Wholesale - Spain - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0
		>100	Listeria monocytogenes	1	0						
		single (food/feed d)	100	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0
		>100	Listeria monocytogenes	1	0						
	Meat from turkey - meat products - Retail - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0
		>100	Listeria monocytogenes	5	0						
	Meat from turkey - meat products - Retail - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0
		>100	Listeria monocytogenes	1	0						
	Meat from turkey - meat products - Wholesale - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0
		>100	Listeria monocytogenes	1	0						
	Molluscan shellfish - raw - Wholesale - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0
		>100	Listeria monocytogenes	5	0						
	Other processed food products and prepared dishes - Retail - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed d)	75	Gram	DATA FROM CCMadrid	9	0	<= 100	Listeria monocytogenes	9	0
		>100	Listeria monocytogenes	9	0						
		single (food/feed d)	100	Gram	DATA FROM CCMadrid	4	0	<= 100	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - Retail - Spain - food sample - Surveillance - Official sampling - Suspect sampling	>100	Listeria monocytogenes	4	0						
		batch (food/feed d)	75	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0
		>100	Listeria monocytogenes	1	0						
	Other processed food products and prepared dishes - Retail - Spain - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	100	Gram	DATA FROM CCMadrid	5	0	<= 100	Listeria monocytogenes	5	0
		>100	Listeria monocytogenes	5	0						
batch (food/feed d)		75	Gram	DATA FROM CCMadrid	1	0	<= 100	Listeria monocytogenes	1	0	
Other processed food products and prepared dishes - Wholesale - Spain - food sample - Monitoring - active - Official sampling - Objective sampling	>100	Listeria monocytogenes	1	0							
	single (food/feed d)	100	Gram	DATA FROM CCMadrid	4	0	<= 100	Listeria monocytogenes	4	0	
	>100	Listeria monocytogenes	4	0							
Castilla y León	Cheeses made from cows' milk - curd - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	1	0	detection	Listeria monocytogenes	1	0
		>100	Listeria monocytogenes	1	0						
	Cheeses made from cows' milk - fresh - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	2	0	<= 100	Listeria monocytogenes	2	0
		>100	Listeria monocytogenes	2	0						
	Cheeses made from cows' milk - unspecified - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	1	0	<= 100	Listeria monocytogenes	1	0
		>100	Listeria monocytogenes	1	0						
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	2	0	detection	Listeria monocytogenes	2	0
		>100	Listeria monocytogenes	2	0						
	Cheeses made from sheep's milk - hard - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	3	0	<= 100	Listeria monocytogenes	3	0
		>100	Listeria monocytogenes	3	0						
	Cheeses made from sheep's milk - hard - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon - samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0
		>100	Listeria monocytogenes	2	0						
	Cheeses made from sheep's milk - hard - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	1	0	<= 100	Listeria monocytogenes	1	0
		>100	Listeria monocytogenes	1	0						
	Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	1	0	<= 100	Listeria monocytogenes	1	0
>100		Listeria monocytogenes	1	0							
Cheeses made from sheep's milk - soft and semi-soft - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon - samples tested only with detection method	2	0	detection	Listeria monocytogenes	2	0	
	>100	Listeria monocytogenes	2	0							
Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	1	0	detection	Listeria monocytogenes	1	0	
	>100	Listeria monocytogenes	1	0							

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Castilla y León	Crustaceans - shrimps - cooked - frozen - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - shrimps - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	2	0	detection	Listeria monocytogenes	2	0
	Dairy products, unspecified - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - smoked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Fish - smoked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - smoked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	1	0	detection	Listeria monocytogenes	1	0
	Fishery products, unspecified - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Fruits - products - canned - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	1	0	detection	Listeria monocytogenes	1	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	2	0	detection	Listeria monocytogenes	2	0
	Meat from duck - fresh - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	1	0	detection	Listeria monocytogenes	1	0
	Meat from duck - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	2	0	detection	Listeria monocytogenes	2	0
	Meat from duck - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	1	0	detection	Listeria monocytogenes	1	0
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	2	0	<= 100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked ham - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	3	0	<= 100	Listeria monocytogenes	3	0
>100								Listeria monocytogenes	3	0	
Meat from pig - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	1	0	<= 100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	
Meat from pig - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	2	2	<= 100	Listeria monocytogenes	2	0	
							>100	Listeria monocytogenes	2	2	
Meat from pig - meat products - raw ham - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	3	0	<= 100	Listeria monocytogenes	3	0	
							>100	Listeria monocytogenes	3	0	
Meat from pig - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	14	0	<= 100	Listeria monocytogenes	14	0	
							>100	Listeria monocytogenes	14	0	
Meat from pig - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon - samples tested only with detection method	8	3	detection	Listeria monocytogenes	8	3	
Other processed food products and prepared dishes - egg based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	1	0	detection	Listeria monocytogenes	1	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Castilla y León	Other processed food products and prepared dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	50	Gram	Data from Castilla y Leon	1	0	<= 100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Ready-to-eat salads - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	1	0	detection	Listeria monocytogenes	1	0
Illes Balears	Vegetables - leaves - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	125	Gram	Data from Castilla y Leon	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	6	0	detection	Listeria monocytogenes	6	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	8	0	detection	Listeria monocytogenes	8	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	15	3	<= 100	Listeria monocytogenes	3	1
								>100	Listeria monocytogenes	3	2
	Fish - smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	15	3	detection	Listeria monocytogenes	15	3
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	10	0	detection	Listeria monocytogenes	10	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	2	0	detection	Listeria monocytogenes	2	0
Vegetables - pre-cut - frozen vegetables - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	2	2	<= 100	Listeria monocytogenes	2	2	
							>100	Listeria monocytogenes	2	0	
Vegetables - pre-cut - frozen vegetables - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Illes Balears	2	2	detection	Listeria monocytogenes	2	2	

Table Lyssavirus:LYSSAVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
SPAIN	Bats - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	27	3	European bat lyssavirus 1	3
	Cats - pet animals - Veterinary clinics - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	25	0	Lyssavirus	0
	Dogs - pet animals - Veterinary clinics - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	30	0	Lyssavirus	0
	Ferrets - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Raccoon dogs - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0
	Rats - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N_A	Not Available	animal	9	0	Lyssavirus	0

Table Mycobacterium:MYCOBACTERIUM in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Murcia	Visual inspection	animal	8700	232	Mycobacterium spp., unspecified	232
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official sampling - Census	Data from Navarra	Visual inspection	animal	22840	8	Mycobacterium spp., unspecified	8
	Cattle (bovine animals) - Slaughterhouse - European Union - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	432	0	Mycobacterium	0
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official sampling - Census	ARAGON	Visual inspection	animal	106	27	Mycobacterium spp., unspecified	27
		DATA FROM ANDALUCIA	Visual inspection	animal	95029	181	Mycobacterium spp., unspecified	181
		data from Cantabria	Visual inspection	animal	35219	263	Mycobacterium spp., unspecified	263
		Data from Castilla-La Mancha	Visual inspection	animal	19009 9	17	Mycobacterium spp., unspecified	17
		Data from Valencia	Visual inspection	animal	22306 4	32	Mycobacterium spp., unspecified	32
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Canarias	Visual inspection	animal	9911	3	Mycobacterium	3
		Data from Extremadura	Visual inspection	animal	11692 6	981	Mycobacterium spp., unspecified	981
		Data from La Rioja	Visual inspection	animal	12665	16	Mycobacterium spp., unspecified	16
		Data from Madrid	Visual inspection	animal	12262 1	93	Mycobacterium spp., unspecified	93
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	Data from Catalunya	PCR	animal	27	6	Mycobacterium tuberculosis complex (MTC)	6
	Deer - wild - fallow deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	161	0	Mycobacterium	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	816	21	Mycobacterium spp., unspecified	21
		DATA FROM ANDALUCIA	Visual inspection	animal	85310	31	Mycobacterium spp., unspecified	31
	Deer - wild - Game handling establishment - Spain - animal sample - blood - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Visual inspection	animal	41954	57	Mycobacterium spp., unspecified	57
		Data from Extremadura	Visual inspection	animal	73148	25	Mycobacterium spp., unspecified	25
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	1367	0	Mycobacterium	0
		Data from Extremadura	Visual inspection	animal	1124	21	Mycobacterium spp., unspecified	21
	Deer - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	2178	18	Mycobacterium spp., unspecified	18
		DATA FROM ANDALUCIA	Visual inspection	animal	47593 7	605	Mycobacterium spp., unspecified	605
	Goats - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official sampling - Census	data from Cantabria	Visual inspection	animal	798	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	10300 4	94	Mycobacterium spp., unspecified	94
		Data from Navarra	Visual inspection	animal	5208	423	Mycobacterium spp., unspecified	423
		Data from Valencia	Visual inspection	animal	82243	1	Mycobacterium spp., unspecified	1
	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Canarias	Visual inspection	animal	39192	0	Mycobacterium	0
		Data from Extremadura	Visual inspection	animal	16065	7	Mycobacterium spp., unspecified	7
		Data from Madrid	Visual inspection	animal	19129	138	Mycobacterium spp., unspecified	138
	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	Data from Catalunya	PCR	animal	7	2	Mycobacterium tuberculosis complex (MTC)	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive	
Not Available	Mouflons - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	48	0	Mycobacterium	0	
	Mouflons - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	515	0	Mycobacterium	0	
	Other ruminants - wild - Game handling establishment - Spain - animal sample - blood - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	3799	0	Mycobacterium	0	
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Spain - animal sample - blood - Unspecified - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	2097	0	Mycobacterium	0	
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	6837	1	Mycobacterium spp., unspecified	1	
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	33922 50	1500	Mycobacterium spp., unspecified	1,500	
		Data from Extremadura	Visual inspection	animal	62459 7	277	Mycobacterium spp., unspecified	277	
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	65180 1	2	Mycobacterium spp., unspecified	2	
		Data from Castilla-La Mancha	Visual inspection	animal	42964 76	58	Mycobacterium spp., unspecified	58	
	Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	Data from Catalunya	PCR	animal	2	1	Mycobacterium avium	1	
	Pigs - wild - Game handling establishment - Spain - animal sample - blood - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	62215	13	Mycobacterium spp., unspecified	13	
	Sheep - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	57393 3	0	Mycobacterium	0	
		data from Cantabria	Visual inspection	animal	986	0	Mycobacterium	0	
		Data from Castilla-La Mancha	Visual inspection	animal	13650 61	2	Mycobacterium spp., unspecified	2	
		Data from Navarra	Visual inspection	animal	32106 4	89	Mycobacterium spp., unspecified	89	
	Sheep - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	26440 0	0	Mycobacterium	0	
		Data from La Rioja	Visual inspection	animal	33246 2	79	Mycobacterium spp., unspecified	79	
		Data from Madrid	Visual inspection	animal	90408	35	Mycobacterium spp., unspecified	35	
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	413	0	Mycobacterium	0	
	Wild boars - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	42680	240	Mycobacterium spp., unspecified	240	
	Wild boars - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	2107	3	Mycobacterium spp., unspecified	3	
	Wild boars - wild - Game handling establishment - Spain - animal sample - blood - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Visual inspection	animal	25546	109	Mycobacterium spp., unspecified	109	
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	3200	0	Mycobacterium	0	
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	Data from Catalunya	PCR	animal	6	2	Mycobacterium tuberculosis complex (MTC)	2	
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	2081	70	Mycobacterium spp., unspecified	70	
	SPAIN	Badgers - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	115	2	Mycobacterium tuberculosis complex (MTC)	2
		Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	38	1	Mycobacterium tuberculosis complex (MTC)	1
Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling		N_A	Microbiological tests	animal	586	12	Mycobacterium tuberculosis complex (MTC)	12	
Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling		N_A	Microbiological tests	animal	37	0	Mycobacterium	0	
Foxes - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling		N_A	Microbiological tests	animal	3	0	Mycobacterium	0	
Goats - Farm - Spain - animal sample - organ/tissue - Control and eradication programmes - Official sampling - Suspect sampling		N_A	Microbiological tests	animal	475	58	Mycobacterium tuberculosis complex (MTC)	58	
Pigs - mixed herds - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Monitoring - passive - Official sampling - Suspect sampling		N_A	Microbiological tests	animal	169	108	Mycobacterium tuberculosis complex (MTC)	108	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
SPAIN	Sheep - Farm - Spain - animal sample - organ/tissue - Control and eradication programmes - Official sampling - Suspect sampling	N_A	Microbiological tests	animal	19	5	Mycobacterium tuberculosis complex (MTC)	5
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	2734	289	Mycobacterium tuberculosis complex (MTC)	289
Asturias	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	59242	31	Mycobacterium spp., unspecified	31
	Deer - wild - Game handling establishment - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	16	0	Mycobacterium	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	176	0	Mycobacterium	0
Castilla y León	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Slide agglutination followed by molecular serotyping (PCR or WGS)	animal	79912	225	Mycobacterium spp., unspecified	225
	Cattle (bovine animals) - dairy cows - young cattle (1-2 years) - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Slide agglutination followed by molecular serotyping (PCR or WGS)	animal	33729 9	65	Mycobacterium spp., unspecified	65
	Gallus gallus (fowl) - broilers - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Slide agglutination followed by molecular serotyping (PCR or WGS)	animal	65181 249	0	Mycobacterium	0
	Goats - animals over 1 year - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Slide agglutination followed by molecular serotyping (PCR or WGS)	animal	15775	64	Mycobacterium spp., unspecified	64
	Goats - animals under 1 year - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Slide agglutination followed by molecular serotyping (PCR or WGS)	animal	99613	0	Mycobacterium	0
	Pigs - fattening pigs - unspecified - piglets - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Slide agglutination followed by molecular serotyping (PCR or WGS)	animal	10315 56	0	Mycobacterium	0
	Pigs - fattening pigs - unspecified - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Slide agglutination followed by molecular serotyping (PCR or WGS)	animal	60422 85	1206	Mycobacterium spp., unspecified	1,206
	Rabbits - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Slide agglutination followed by molecular serotyping (PCR or WGS)	animal	75970 53	0	Mycobacterium	0
	Sheep - animals over 1 year - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Slide agglutination followed by molecular serotyping (PCR or WGS)	animal	26104 9	11	Mycobacterium spp., unspecified	11
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Slide agglutination followed by molecular serotyping (PCR or WGS)	animal	31284 05	0	Mycobacterium	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Castilla y León	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Slide agglutination followed by molecular serotyping (PCR or WGS)	animal	5290	0	Mycobacterium	0
	Wild animals - Hunting - Spain - animal sample - blood - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Visual inspection	animal	17328	0	Mycobacterium	0
Illes Balears	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - lymph nodes - Surveillance - Official sampling - Census	data from Illes Balears	Microbiological tests	slaughter animal batch	1	0	Mycobacterium	0

Table Salmonella:SALMONELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
SPAIN	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Spain - animal sample - caecum - Monitoring - EFSA specifications - Official sampling - Objective sampling	slaughter animal batch		N_A	N_A	Not Available	400	36	Salmonella spp., unspecified	36
	Gallus gallus (fowl) - breeding flocks for broiler production line - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	1591	Y	N_A	Not Available	1591	70	Salmonella 1,4,5,12:i:-	1
									Salmonella Bredeney	4
									Salmonella Enteritidis	5
									Salmonella Infantis	3
									Salmonella Kedougou	1
									Salmonella Mikawasima	4
									Salmonella Other serovars	35
									Salmonella Rissen	4
									Salmonella Toulon	5
									Salmonella Typhimurium	1
									Salmonella Virchow	2
									Salmonella Worthington	5
	Gallus gallus (fowl) - breeding flocks for broiler production line - during rearing period - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	1019	8	Salmonella Enteritidis	1
									Salmonella Orion	1
									Salmonella Other serovars	5
									Salmonella Typhimurium	1
	Gallus gallus (fowl) - breeding flocks for egg production line - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	107	Y	N_A	Not Available	107	10	Salmonella Other serovars	8
									Salmonella Rissen	2
	Gallus gallus (fowl) - breeding flocks for egg production line - during rearing period - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	49	1	Salmonella Newport	1
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	1680	54	Salmonella Enteritidis	1
									Salmonella Other serovars	53
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	1425	31	Salmonella 1,4,5,12:i:-	1
									Salmonella Enteritidis	5
									Salmonella Infantis	3
									Salmonella Other serovars	20
									Salmonella Typhimurium	1
									Salmonella Virchow	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	40180	988	Salmonella 1,4,5,12:i:-	3
									Salmonella Enteritidis	8
									Salmonella Other serovars	967
									Salmonella Typhimurium	10
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	40214	Y	N_A	Not Available	40214	1033	Salmonella 1,4,5,12:i:-	6
									Salmonella Enteritidis	13
									Salmonella Infantis	174
									Salmonella Kentucky	14
									Salmonella Other serovars	743
									Salmonella Senftenberg	57
									Salmonella Typhimurium	12
									Salmonella Virchow	14
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock		N_A	N_A	Not Available	517	50	Salmonella 1,4,5,12:i:-	3
									Salmonella Enteritidis	5
									Salmonella Other serovars	40
									Salmonella Typhimurium	2
	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Industry sampling - Census	herd/flock		N_A	N_A	Not Available	2975	159	Salmonella 1,4,5,12:i:-	3
									Salmonella Enteritidis	8
									Salmonella Other serovars	145
									Salmonella Typhimurium	3
	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Official and industry sampling - Census	herd/flock	3076	Y	N_A	Not Available	3076	293	Salmonella 1,4,5,12:i:-	7
									Salmonella Corvallis	25
									Salmonella Enteritidis	54

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive	
SPAIN	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Official and industry sampling - Census	herd/flock	3076	Y	N_A	Not Available	3076	293	Salmonella infantis	29	
									Salmonella Kentucky	2	
									Salmonella Mbandaka	6	
									Salmonella Mikawasima	14	
									Salmonella Ohio	21	
	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Official sampling - Census	herd/flock			N_A	N_A	Not Available	866	159	Salmonella 1,4,5,12:i:-	5
										Salmonella Enteritidis	49
										Salmonella Other serovars	94
										Salmonella Typhimurium	11
										Salmonella Enteritidis	1
	Gallus gallus (fowl) - laying hens - during rearing period - Farm - Spain - animal sample - faeces - Control and eradication programmes - Industry sampling - Census	herd/flock			N_A	N_A	Not Available	1351	22	Salmonella Other serovars	21
										Salmonella Enteritidis	1
	Pigs - fattening pigs - Slaughterhouse - Spain - animal sample - caecum - Monitoring - EFSA specifications - Official sampling - Objective sampling	slaughter animal batch			N_A	N_A	Not Available	381	206	Salmonella 1,4,5,12:i:-	74
										Salmonella Brandenburg	7
										Salmonella Derby	27
										Salmonella Rissen	48
										Salmonella spp., unspecified	41
	Turkeys - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock			N_A	N_A	Not Available	90	27	Salmonella Typhimurium	9
										Salmonella spp., unspecified	27
Turkeys - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	92	Y	N_A	N_A	Not Available	92	28	Salmonella Kentucky	5	
									Salmonella Other serovars	22	
									Salmonella Senftenberg	1	
Turkeys - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock			N_A	N_A	Not Available	51	11	Salmonella Derby	6	
									Salmonella Other serovars	5	
Turkeys - breeding flocks, unspecified - during rearing period - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock			N_A	N_A	Not Available	74	3	Salmonella spp., unspecified	3	
Turkeys - fattening flocks - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock			N_A	N_A	Not Available	4259	876	Salmonella Derby	43	
									Salmonella Other serovars	833	
Turkeys - fattening flocks - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	4266	Y	N_A	N_A	Not Available	4266	895	Salmonella 1,4,5,12:i:-	1	
									Salmonella Agona	1	
									Salmonella Bredeney	7	
									Salmonella Enteritidis	1	
									Salmonella Hadar	12	
									Salmonella infantis	1	
									Salmonella Kentucky	15	
									Salmonella Other serovars	857	
Turkeys - fattening flocks - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock			N_A	N_A	Not Available	92	24	Salmonella 1,4,5,12:i:-	1	
									Salmonella Enteritidis	1	
									Salmonella Other serovars	22	

Table Salmonella:SALMONELLA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Bakery products - bread - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	4	0	Salmonella	0
	Bakery products - bread - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	5	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	7	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	12	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	49	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	17	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Unspecified - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Bakery products - cakes - containing raw cream - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	4	0	Salmonella	0
	Bakery products - cakes - containing raw cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	9	0	Salmonella	0
	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	5	0	Salmonella	0
	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	12	0	Salmonella	0
	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Bakery products - cakes - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
	Bakery products - cakes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	25	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579)	1	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	23	0	Salmonella	0
	Bakery products - desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579)	30	0	Salmonella	0
	Bakery products - desserts - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579)	2	0	Salmonella	0
	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579)	56	0	Salmonella	0
	Bakery products - pastry - biscuits - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Bakery products - pastry - choux pastry - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Bakery products - pastry - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	9	0	Salmonella	0
	Bakery products - pastry - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Bakery products - pastry - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	17	0	Salmonella	0
	Bakery products - pastry - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Bakery products - pastry - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Bakery products - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579)	3	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Bakery products - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	25	0	Salmonella	0
	Bakery products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Bakery products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Cereals and meals - flakes - Packing centre - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cereals and meals - flakes - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cereals and meals - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Galicia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	67	4	Salmonella spp., unspecified	4
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	9	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeder)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	63	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	94	0	Salmonella	0
	Cheeses made from goats' milk - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from goats' milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeder)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	33	1	Salmonella spp., unspecified	1
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses made from sheep's milk - hard - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	5	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	3	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	3	0	Salmonella	0
Data from Cantabria					ISO 6579:2002/Am d 1:2007	15	0	Salmonella	0	
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
Data from Cantabria					ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0	
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	18	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	41	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	9	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	18	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	21	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	17	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - spreadable - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Confectionery products and pastes - chocolate-based product - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Confectionery products and pastes - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
	Confectionery products and pastes - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Cooked cured (or seasoned) bovine meat - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Crustaceans - prawns - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	13	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Crustaceans - prawns - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fees)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	17	0	Salmonella	0
	Crustaceans - prawns - shelled, shucked and cooked - chilled - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Crustaceans - prawns - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fees)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from La Rioja	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - unspecified - cooked - chilled - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - unspecified - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - unspecified - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Crustaceans - unspecified - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Crustaceans - unspecified - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - unspecified - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Crustaceans - unspecified - cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Crustaceans - unspecified - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - unspecified - raw - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Crustaceans - unspecified - raw - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	13	0	Salmonella	0
	Crustaceans - unspecified - shelled, shucked and cooked - chilled - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - unspecified - shelled, shucked and cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - unspecified - shelled, shucked and cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - unspecified - shelled, shucked and cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	9	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	37	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Unspecified - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	16	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Cantabria	ISO 6579:2002/Am d 1:2007	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	19	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Cantabria	ISO 6579:2002/Am d 1:2007	4	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	13	0	Salmonella	0
		single (food/fe d)	25	Gram	Data from Galicia	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	25	8	Salmonella spp., unspecified	8
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from La Rioja	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Dairy products (excluding cheeses) - milk-based drinks - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Dairy products (excluding cheeses) - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fees)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Dairy products (excluding cheeses) - whey - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Egg products - dried - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Egg products - dried - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fees)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Egg products - liquid - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Egg products - liquid - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	3	0	Salmonella	0
	Egg products - liquid - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Egg products - liquid - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
Data from Comunitat Valenciana					ISO 6579:2002/Annex D of ISO 6579) Salmonella	27	0	Salmonella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Egg products - liquid - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	2	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fe d)	25	Gram	Data from MURCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Egg products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fe d)	25	Gram	Data from MURCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Egg products - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
	Eggs - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	22	0	Salmonella	0
	Eggs - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	16	0	Salmonella	0
	Eggs - Packing centre - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Eggs - Packing centre - Spain - food sample - Clinical investigations - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Eggs - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	67	0	Salmonella	0
	Eggs - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Eggs - quail eggs - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Eggs - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Eggs - Retail - Spain - food sample - Clinical investigations - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Eggs - table eggs - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Eggs - table eggs - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	11	0	Salmonella	0
	Eggs - table eggs - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	2	0	Salmonella	0
	Eggs - table eggs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	18	1	Salmonella Enterica, unspecified	1
	Eggs - table eggs - shell - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	32	0	Salmonella	0
	Eggs - table eggs - shell - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Eggs - table eggs - whole - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
Data from Comunitat Valenciana					ISO 6579:2002/Annex D of ISO 6579) Salmonella	32	0	Salmonella	0	
	Eggs - table eggs - whole - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Eggs - table eggs - whole - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Eggs - Unspecified - Not Available - food sample - Clinical investigations - Private sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Eggs - Unspecified - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Eggs - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
	Fish - canned - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fish - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	2	0	Salmonella	0
	Fish - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	6	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Fish - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	4	0	Salmonella	0
	Fish - cooked - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Fish - gravad /slightly salted - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Fish - gravad /slightly salted - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fish - gravad /slightly salted - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Fish - gravad /slightly salted - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fish - marinated - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fish - marinated - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	3	0	Salmonella	0
	Fish - marinated - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Fish - raw - frozen - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	10	0	Salmonella	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	12	0	Salmonella	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	7	0	Salmonella	0
	Fish - smoked - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	3	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Fishery products, unspecified - cooked - frozen - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Fishery products, unspecified - cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	17	0	Salmonella	0
	Fishery products, unspecified - raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	3	0	Salmonella	0
	Fishery products, unspecified - raw - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	4	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - chilled - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Galicia	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	22	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Fishery products, unspecified - smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	6	0	Salmonella	0
	Fishery products, unspecified - smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Fruits - non-pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	7	0	Salmonella	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Cantabria	ISO 6579:2002/Am d 1:2007	3	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Fruits - pre-cut - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fe d)	25	Gram	Data from MURCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	9	0	Salmonella	0
Data from Catalunya					ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0	
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Fruits - pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	8	0	Salmonella	0
	Fruits - products - fruit purée - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Fruits - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Fruits - products - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	21	0	Salmonella	0
	Fruits - products - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Galicia	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	25	10	Salmonella spp., unspecified	10
	Infant formula - dried - intended for infants below 6 months - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fe d)	10	Gram	Data from MURCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
					Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Unspecified - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Infant formula - dried - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	12	0	Salmonella	0
	Infant formula - dried - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	25	10	Salmonella spp., unspecified	10
	Infant formula - dried - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	25	10	Salmonella spp., unspecified	10
	Infant formula - dried - Unspecified - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	6	0	Salmonella	0
	Infant formula - dried - Wholesale - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Infant formula - dried - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Infant formula - liquid - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Infant formula - non-ready-to-eat - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Infant formula - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Infant formula - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Infant formula - ready-to-eat - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Infant formula - ready-to-eat - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Galicia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	25	2	Salmonella spp., unspecified	2
	Infant formula - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Juice - fruit juice - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Juice - fruit juice - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Juice - vegetable juice - pasteurised - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Juice - vegetable juice - pasteurised - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	40	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	13	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	15	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Galicia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	88	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	1	Salmonella spp., unspecified	1
	Live bivalve molluscs - mussels - depurated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Live bivalve molluscs - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Live bivalve molluscs - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Live bivalve molluscs - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	9	0	Salmonella	0
	Live bivalve molluscs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	32	2	Salmonella spp., unspecified	1
									Salmonella Typhimurium, monophasic - 4	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Live bivalve molluscs - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	31	0	Salmonella	0
	Live bivalve molluscs - unspecified - deputed - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	6	0	Salmonella	0
	Live bivalve molluscs - unspecified - deputed - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Live bivalve molluscs - unspecified - deputed - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Live bivalve molluscs - unspecified - deputed - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Live bivalve molluscs - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Live bivalve molluscs - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Live echinoderms, tunicates and gastropods - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Live echinoderms, tunicates and gastropods - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
					Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Meat from bovine animals - carcass - chilled - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	20	0	Salmonella	0
	Meat from bovine animals - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive		
Not Available	Meat from bovine animals - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Valencia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	50	4	Salmonella Bredeney	1		
											Salmonella Ohio	3
	Meat from bovine animals - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	78	0	Salmonella	0		
Not Available	Meat from bovine animals - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	240	32	Salmonella Assinie	1		
											Salmonella Braenderup	2
											Salmonella Brandenburg	1
											Salmonella Bredeney	4
											Salmonella Djugu	4
											Salmonella Eko	1
											Salmonella enterica, subspecies salamae	1
											Salmonella Enteritidis	1
											Salmonella Give	2
											Salmonella Livingstone	1
											Salmonella London	3
											Salmonella Meleagridis	1
											Salmonella Menden	2
											Salmonella Muenchen	1
											Salmonella Noya	2
						Salmonella Ohio	2					
						Salmonella spp., unspecified	3					
				Data from Extremadura	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0			
	Meat from bovine animals - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Madrid	ISO 6579-1:2017 Salmonella	150	1	Salmonella spp., unspecified	1		
Not Available	Meat from bovine animals - carcass - Slaughterhouse - Spain - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	150	1	Salmonella Kentucky	1		
											Salmonella spp., unspecified	1
	Meat from bovine animals - carcass - Slaughterhouse - Spain - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Galicia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	80	1	Salmonella enterica, subspecies enterica	1		
	Meat from bovine animals - fresh - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0		
	Meat from bovine animals - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0		
	Meat from bovine animals - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0		
	Meat from bovine animals - fresh - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	9	0	Salmonella	0		

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Catalunya	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	9	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	28	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from La Rioja	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Meat from bovine animals - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	15	0	Salmonella	0
	Meat from bovine animals - meat preparation - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Meat from bovine animals - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Galicia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	25	6	Salmonella spp., unspecified	6
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	3	0	Salmonella	0
	Meat from bovine animals - meat products - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from bovine animals - meat products - unspecified, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	9	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	1	0	Salmonella	0
			25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from bovine animals - minced meat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from bovine animals - minced meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from bovine animals - minced meat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from bovine animals - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	135	4	Salmonella spp., unspecified	4
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	1	Salmonella spp., unspecified	1
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	19	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from bovine animals and pig - meat products - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	14	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	1	Salmonella Indiana	1
	Meat from bovine animals and pig - minced meat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	1	Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - carcass - chilled - Processing plant - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from broilers (Gallus gallus) - carcass - chilled - Retail - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	291	35	Salmonella Enterica, unspecified	35
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Valencia	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	250	29	Salmonella Enteritidis	1
Salmonella spp., unspecified									26	
Salmonella Typhimurium									2	
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fees d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	15	1	Salmonella Agona	1
									Salmonella infantis	1
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	batch (food/fees d)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	25	6	Salmonella spp., unspecified	6
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	100	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcass - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fees d)	25	Gram	Data from Extremadura	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	37	1	Salmonella Enterica, unspecified	1
	Meat from broilers (Gallus gallus) - fresh - chilled - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D 1:2007	3	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	11	1	Salmonella Virchow	1
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	17	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - frozen - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fees d)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	90	44	Salmonella spp., unspecified	44
320							0	Salmonella	0	
45							39	Salmonella Winneba	39	
	Meat from broilers (Gallus gallus) - fresh - frozen - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fees d)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	75	36	Salmonella spp., unspecified	36
250							0	Salmonella	0	
	Meat from broilers (Gallus gallus) - fresh - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	25	1	Salmonella spp., unspecified	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from broilers (Gallus gallus) - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	19	5	Salmonella Enteritidis 9	4
									Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - fresh - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	25	2	Salmonella spp., unspecified	2
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	1	Salmonella enterica, subspecies enterica	1
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0	
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	0	Salmonella	0	
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0	
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0	
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	24	5	Salmonella Infantis	1	
								Salmonella spp., unspecified	4	
Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	21	0	Salmonella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	26	6	Salmonella infantis	2
									Salmonella spp., unspecified	4
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	47	8	Salmonella Enterica, unspecified	8
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	12	1	Salmonella infantis	1
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Galicia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	25	8	Salmonella spp., unspecified	8
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	8	2	Salmonella Enterica, unspecified	2
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - offal - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - offal - unspecified - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from deer (venison) - meat preparation - intended to be eaten cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from deer (venison) - meat products - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from deer (venison) - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from duck - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Survey - Official sampling - Objective sampling	single (food/feeder)	10	Square centimetre	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from farmed game- land mammals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
Meat from farmed game- land mammals - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from goat - carcass - chilled - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	400	Square centimetre	Data from Canarias	ISO 6579:2002/Am d 1:2007	8	0	Salmonella	0
	Meat from goat - fresh - chilled - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Catalunya	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from goat - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Catalunya	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from goat - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Catalunya	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from goat - fresh - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fe d)	25	Gram	Data from MURCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from horse - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Catalunya	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from horse - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	400	Square centimetre	Data from Cantabria	ISO 6579:2002/Am d 1:2007	15	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	3	1	Salmonella Enterica, unspecified	1
	Meat from other animal species or not specified - meat preparation - intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Cantabria	ISO 6579:2002/Am d 1:2007	2	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	23	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	45	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from other animal species or not specified - meat products - unspecified, non ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Meat from other animal species or not specified - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from other poultry species - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Survey - Official sampling - Objective sampling	single (food/feeder)	10	Square centimetre	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from other poultry species - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	1	Salmonella spp., unspecified	1
	Meat from other poultry species - fresh - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	13	0	Salmonella	0
	Meat from other poultry species - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	9	0	Salmonella	0
	Meat from other poultry species - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Meat from pig - carcass - chilled - Retail - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Meat from pig - carcass - chilled - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	37	0	Salmonella	0
	Meat from pig - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - HACCP and own check - Objective sampling	single (food/feeder)	400	Square centimetre	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2471	67	Salmonella spp., unspecified	67
	Meat from pig - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Madrid	ISO 6579-1:2017 Salmonella	290	0	Salmonella	0
	Meat from pig - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	15	0	Salmonella	0
	Meat from pig - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeder)	400	Square centimetre	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	502	73	Salmonella 4,12:-	1
									Salmonella Anatum	3
									Salmonella Brandenburg	2
									Salmonella Derby	3
									Salmonella Rissen	5
									Salmonella spp., unspecified	32
									Salmonella Typhimurium, monophasic	27
					Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	362	88	Salmonella Agona	1
									Salmonella Derby	6
									Salmonella London	4
									Salmonella Muenster	3
									Salmonella Rissen	4

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	362	88	Salmonella Saintpaul	1
									Salmonella spp., unspecified	28
									Salmonella Typhimurium	8
									Salmonella Typhimurium, monophasic	33
					Data from Extremadura	ISO 6579:2002/Annex D of ISO 6579) Salmonella	30	2	Salmonella Enterica, unspecified	2
					Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	204	35	Salmonella spp., unspecified	35
					Data from Valencia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	250	44	Salmonella Altona	2
									Salmonella Anatum	1
									Salmonella Brandenburg	1
									Salmonella Bredeney	1
									Salmonella Derby	5
									Salmonella Kedougou	1
									Salmonella London	1
									Salmonella Montevideo	4
									Salmonella Rissen	3
				Salmonella spp., unspecified	10					
				Salmonella Typhimurium	1					
				Salmonella Typhimurium, monophasic	14					
	Meat from pig - carcass - Slaughterhouse - Spain - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	200	2	Salmonella Brandenburg	2
									Salmonella Goldcoast	1
									Salmonella Uganda	1
				Data from La Rioja	ISO 6579:2002/Annex D of ISO 6579) Salmonella	40	0	Salmonella	0	
	Meat from pig - carcass - Slaughterhouse - Spain - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Galicia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	20	1	Salmonella enterica, subspecies enterica	1
	Meat from pig - fresh - chilled - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	1	Salmonella spp., unspecified	1
	Meat from pig - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from pig - fresh - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - fresh - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	53	5	Salmonella spp., unspecified	5
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	7	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	15	2	Salmonella spp., unspecified	2
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from La Rioja	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	2	2	Salmonella Enterica, unspecified	2
		25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	3	0	Salmonella	0	
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	3	1	Salmonella Enterica, unspecified	1
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	25	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	29	0	Salmonella	0
	Meat from pig - meat preparation - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	58	9	Salmonella spp., unspecified	9
	Meat from pig - meat preparation - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	22	3	Salmonella spp., unspecified	3

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - meat preparation - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from pig - meat products - cooked ham - non-sliced - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579	1	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579	1	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	23	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	16	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	4	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	15	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	13	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	14	0	Salmonella	0
	Meat from pig - meat products - fresh raw sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - fresh raw sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - fresh raw sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	33	1	Salmonella spp., unspecified	1
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	45	3	Salmonella spp., unspecified	3
	Meat from pig - meat products - meat specialities - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - meat specialities - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Meat from pig - meat products - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	20	1	Salmonella Enterica, unspecified	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - meat products - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	37	3	Salmonella spp., unspecified	3
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	41	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	10	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	8	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	9	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Galicia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	95	0	Salmonella	0
	Meat from pig - meat products - raw ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - raw ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - raw ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - meat products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	32	3	Salmonella Enterica, unspecified	3
	Meat from pig - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	11	0	Salmonella	0
	Meat from pig - meat products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	16	1	Salmonella Enterica, unspecified	1
	Meat from pig - meat products - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	12	0	Salmonella	0
	Meat from pig - meat products - unspecified, non ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - unspecified, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	9	0	Salmonella	0
	Meat from pig - meat products - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	8	1	Salmonella Enterica, unspecified	1
	Meat from pig - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from pig - minced meat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from pig - minced meat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from pig - other slaughtering products - blood - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from poultry, unspecified - fresh - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from poultry, unspecified - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	6	1	Salmonella spp., unspecified	1
	Meat from poultry, unspecified - fresh - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	28	0	Salmonella	0
	Meat from poultry, unspecified - fresh - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	15	0	Salmonella	0
	Meat from poultry, unspecified - fresh - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	5	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	33	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	40	3	Salmonella spp., unspecified	3
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from poultry, unspecified - meat products - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from poultry, unspecified - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from poultry, unspecified - meat products - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	9	0	Salmonella	0
	Meat from poultry, unspecified - meat products - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from poultry, unspecified - mechanically separated meat (MSM) - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from poultry, unspecified - minced meat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	1	Salmonella spp., unspecified	1
	Meat from rabbit - carcass - chilled - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	17	1	Salmonella Enterica, unspecified	1
	Meat from rabbit - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Survey - Official sampling - Objective sampling	single (food/feeder)	10	Square centimetre	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from rabbit - fresh - chilled - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Meat from rabbit - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from rabbit - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from rabbit - fresh - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeder)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from sheep - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from sheep - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from sheep - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	40	0	Salmonella	0
	Meat from sheep - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from sheep - fresh - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	27	0	Salmonella	0
	Meat from sheep - meat products - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat from turkey - carcass - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Valencia	ISO 6579:2002/Annex D of ISO 6579) Salmonella	50	11	Salmonella Enteritidis	4
									Salmonella spp., unspecified	7
	Meat from turkey - carcass - chilled - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	batch (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from turkey - carcass - Retail - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from turkey - fresh - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	50	16	Salmonella spp., unspecified	16
	Meat from turkey - fresh - Slaughterhouse - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	1	Salmonella spp., unspecified	1
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	1	Salmonella spp., unspecified	1
	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	1	Salmonella Kentucky	1
	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	3	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from wild game - birds - meat products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
			25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	1	Salmonella spp., unspecified	1
			25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	22	1	Salmonella enterica	1
	Meat, mixed meat - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	1	Salmonella spp., unspecified	1
	Meat, mixed meat - meat products - fresh raw sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	6	1	Salmonella Infantis	1
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat, mixed meat - minced meat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	1	0	Salmonella	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from La Rioja	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - minced meat - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Milk from other animal species or unspecified - pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	2	0	Salmonella	0
	Milk, cows' - pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Milk, cows' - raw milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Milk, cows' - raw milk for manufacture - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Milk, goats' - raw milk for manufacture - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	2	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	7	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from La Rioja	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Molluscan shellfish - cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeder)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Molluscan shellfish - raw - frozen - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Molluscan shellfish - raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeder)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Molluscan shellfish - raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Molluscan shellfish - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Mushrooms - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Nuts and nut products - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - chips, crisps, fries and dough-based analogues - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - chips, crisps, fries and dough-based analogues - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	6	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Catering - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	8	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	75	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579	37	3	Salmonella Enterica, unspecified	3
	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579 Salmonella	1	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579 Salmonella	14	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Hospital or medical care facility - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579 Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	7	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	39	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	44	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	87	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	23	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	25	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	12	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	30	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	39	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	23	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragón	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragón	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragón	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragón	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	30	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data From Aragón	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	29	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	36	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	1	Salmonella spp., unspecified	1
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	94	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	22	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	82	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	40	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	223	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
					Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - mushroom based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - mushroom based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - filled pasta - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - filled pasta - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	8	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Hospital or medical care facility - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - simple pasta - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - pasta - simple pasta - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	2	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	4	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	6	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	39	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	4	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	9	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta/rice salad - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - pasta/rice salad - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	3	0	Salmonella	0
	Other processed food products and prepared dishes - pasta/rice salad - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta/rice salad - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	8	0	Salmonella	0
	Other processed food products and prepared dishes - pasta/rice salad - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	21	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - pasta/rice salad - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	36	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	7	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Other processed food products and prepared dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	14	0	Salmonella	0
	Other processed food products and prepared dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	33	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	28	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	17	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	29	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	4	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - sandwiches - non-meat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	3	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	7	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - Sandwiches - with fish - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	2	0	Salmonella	0
	Other processed food products and prepared dishes - Sandwiches - with fish - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	4	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	6	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	4	0	Salmonella	0
	Other processed food products and prepared dishes - snacks other than chips and similar - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	12	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fees)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	3	1	Salmonella spp., unspecified	1
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Hospital or medical care facility - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	112	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	9	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Hospital or medical care facility - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	14	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe ed)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe ed)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fe ed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	19	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe ed)	25	Gram	Data from La Rioja	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe ed)	25	Gram	Data from Catalunya	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	14	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe ed)	25	Gram	Data from Cantabria	ISO 6579:2002/Am d 1:2007	8	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe ed)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fe ed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	238	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fe ed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe ed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fe ed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe ed)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe ed)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	30	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Hospital or medical care facility - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	16	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	10	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	50	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	7	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	46	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	Data From Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	69	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Potato chips - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	223	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	7	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	9	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	78	1	Salmonella Enterica, unspecified	1
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Ready-to-eat salads - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	23	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Ready-to-eat salads - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	6	0	Salmonella	0
	Ready-to-eat salads - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	57	0	Salmonella	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	91	0	Salmonella	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	2	0	Salmonella	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
					Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	13	0	Salmonella	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	208	0	Salmonella	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	5	0	Salmonella	0
	Sauce and dressings - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Sauce and dressings - mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Sauce and dressings - mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Sauce and dressings - mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Sauce and dressings - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Sauce and dressings - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Sauce and dressings - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	6	0	Salmonella	0
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	5	0	Salmonella	0
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	44	0	Salmonella	0
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Sauce and dressings - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Seeds, dried - Border inspection activities - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	25	10	Salmonella spp., unspecified	10
	Seeds, dried - intended for sprouting - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	9	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	24	1	Salmonella spp., unspecified	1
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Seeds, sprouted - shoot - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Soups - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Soups - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	10	0	Salmonella	0
	Soups - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Soups - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	9	0	Salmonella	0
	Spices and herbs - Border inspection activities - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	90	0	Salmonella	0
	Spices and herbs - Border inspection activities - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feeed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	405	0	Salmonella	0
	Spices and herbs - Border inspection activities - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	165	0	Salmonella	0
	Spices and herbs - dried - Border inspection activities - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	15	6	Salmonella spp., unspecified	6
	Spices and herbs - dried - non-irradiated - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Extremadura	ISO 6579:2002 Salmonella	4	1	Salmonella Enterica, unspecified	1
	Spices and herbs - dried - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feeed)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	18	0	Salmonella	0
	Spices and herbs - dried - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	29	0	Salmonella	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	55	0	Salmonella	0
	Spices and herbs - dried - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Spices and herbs - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	Real-Time PCR (qualitative or quantitative)	1	0	Salmonella	0
	Surimi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Vegetables - leaves - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Vegetables - non-pre-cut - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	1	0	Salmonella	0
	Vegetables - non-pre-cut - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	1	0	Salmonella	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D 1:2007	12	0	Salmonella	0
	Vegetables - pre-cut - frozen vegetables - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Vegetables - pre-cut - frozen vegetables - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Vegetables - pre-cut - frozen vegetables - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Vegetables - pre-cut - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	3	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/fee d)	25	Gram	Data from MURCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data From Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	18	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	26	0	Salmonella	0
		single (food/fee d)	25	Gram	Data from La Rioja	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Vegetables - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Vegetables - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Vegetables - products - canned - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Vegetables - products - cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	1	0	Salmonella	0
	Vegetables - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	26	0	Salmonella	0
	Vegetables - products - fruit purée - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Vegetables - products - fruit purée - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunitat Valenciana	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Vegetables - products - fruit purée - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Vegetables - products - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/fee d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Vegetables - products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	13	0	Salmonella	0
	Vegetables - products - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Vegetables - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 6579:2002/Am d 1:2007	3	0	Salmonella	0
Asturias	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	40	0	Salmonella	0
	Crustaceans - prawns - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	20	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	20	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	5	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	15	0	Salmonella	0
	Egg products - liquid - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	10	0	Salmonella	0
	Egg products - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	5	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	60	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	15	0	Salmonella	0
	Live bivalve molluscs - oysters - depurated - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	3	1	Salmonella Enteritidis 9	1
	Meat from bovine animals - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	20	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	25	0	Salmonella	0
	Meat from bovine animals and pig - meat products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	60	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	100	1	Salmonella Agona	1
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	300	2	Salmonella Derby	2
Meat from pig - meat products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	40	0	Salmonella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Asturias	Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	95	4	Salmonella Typhimurium, monophasic - 4	4
	Meat, mixed meat - minced meat - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	5	0	Salmonella	0
	Molluscan shellfish - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	10	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Principado de Asturias	ISO 6579:2002/Am d 1:2007	15	0	Salmonella	0
Navarra	Bakery products - cakes - containing heat-treated cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Navarra	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Bakery products - cakes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Navarra	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Bakery products - pastry - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Navarra	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Navarra	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Navarra	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Navarra	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Navarra	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	45	7	Salmonella spp., unspecified	7
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Navarra	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Navarra	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Navarra	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	2	Salmonella spp., unspecified	2
	Dairy products (excluding cheeses) - fermented dairy products - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fish - cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fish - marinated - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fish - smoked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - raw - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Fruits - non-pre-cut - frozen - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fruits - non-pre-cut - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Navarra	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	13	1	Salmonella spp., unspecified	1
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcass - Slaughterhouse - Spain - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	340	16	Salmonella spp., unspecified	16
	Meat from broilers (Gallus gallus) - fresh - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Navarra	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	1	Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - minced meat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from deer (venison) - meat products - raw and intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	22	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
	Meat from pig - meat products - fresh raw sausages - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Navarra	Meat from pig - meat products - raw but intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Meat from wild boar - meat preparation - intended to be eaten raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Milk, cows' - pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Navarra	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	16	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - potato based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Roe - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Vegetables - non-pre-cut - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Navarra	Vegetables - pre-cut - frozen vegetables - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	4	Salmonella spp., unspecified	4
	Vegetables - pre-cut - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
Comunidad de Madrid (NUTS level 2)	Crustaceans - unspecified - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - unspecified - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Crustaceans - unspecified - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Crustaceans - unspecified - cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Crustaceans - unspecified - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	80	0	Salmonella	0
	Crustaceans - unspecified - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	145	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Egg products - liquid - white - pasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	80	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Egg products - liquid - whole - pasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Eggs - table eggs - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	85	2	Salmonella Thompson	2
	Eggs - table eggs - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Eggs - table eggs - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	500	24	Salmonella Havana	3
Salmonella Infantis									1	
Salmonella Kentucky									2	
Salmonella Ohio									2	
Salmonella spp., unspecified									1	
Salmonella Typhimurium	15									
Eggs - table eggs - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0	
Fruits - pre-cut - ready-to-eat - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Comunidad de Madrid (NUTS level 2)	Fruits - pre-cut - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	100	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	145	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	90	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from other poultry species - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from other poultry species - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from pig - fresh - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	90	6	Salmonella Brandenburg Salmonella Derby Salmonella Typhimurium	1 1 4
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	190	0	Salmonella	0
	Meat from rabbit - fresh - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from sheep - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Comunidad de Madrid (NUTS level 2)	Meat from sheep - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	21	1	Salmonella 4,12:i:-	1
	Meat from sheep - fresh - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	45	8	Salmonella Bredeney	1
									Salmonella Chester	1
									Salmonella Derby	3
									Salmonella Enteritidis	1
									Salmonella Kentucky	1
	Salmonella Senftenberg	1								
	Meat from turkey - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	50	4	Salmonella Bredeney	4
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	35	7	Salmonella Derby	3
									Salmonella enterica, monophasic	1
	Salmonella Meleagridis	3								
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
Other processed food products and prepared dishes - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	29	0	Salmonella	0	
Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	95	3	Salmonella Anatum	3	
Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0	
Other processed food products and prepared dishes - pasta based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	1	Salmonella Cubana	1	
Other processed food products and prepared dishes - sandwiches - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0	
Other processed food products and prepared dishes - unspecified - containing raw egg - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0	
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	90	0	Salmonella	0	
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	251	0	Salmonella	0	
Sauce and dressings - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0	
Madrid (NUTS level 3)	Cheeses made from goats' milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Madrid (NUTS level 3)	Cheeses, made from unspecified milk or other animal milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Crustaceans - unspecified - cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Egg products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Fruits - products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Juice - fruit juice - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Live bivalve molluscs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Live bivalve molluscs - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	14	0	Salmonella	0
	Live bivalve molluscs - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - meat preparation - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Meat from bovine animals - minced meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	27	0	Salmonella	0
	Meat from bovine animals and pig - meat products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals and pig - meat products - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - meat preparation - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
Meat from pig - minced meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	11	1	Salmonella spp., unspecified	1	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Madrid (NUTS level 3)	Meat from turkey - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Molluscan shellfish - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Other processed food products and prepared dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	29	0	Salmonella	0
	Other processed food products and prepared dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
		single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	52	2	Salmonella spp., unspecified	2
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	5	1	Salmonella spp., unspecified	1
		single (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Data from Madrid	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0	
Castilla y León	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - hard - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Cheeses made from sheep's milk - hard - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Castilla y León	Crustaceans - shrimps - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Egg products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Eggs - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	1	Salmonella spp., unspecified	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Castilla y León	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	12	1	Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
	Meat from pig - meat products - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	9	1	Salmonella spp., unspecified	1
	Meat from pig - meat products - raw but intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	40	12	Salmonella spp., unspecified	12
	Meat from pig - meat products - raw but intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	12	0	Salmonella	0
	Meat from pig - meat products - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Ready-to-eat salads - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Castilla y León	Soups - dehydrated - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Castilla y Leon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Vegetables - leaves - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Castilla y Leon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Vegetables - leaves - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Castilla y Leon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
Barcelona (NUTS level 3)	Beverages, alcoholic - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feeed)	25	Gram	Data from Catalunya- Surveillance of beach peddling	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - prawns - shelled, shucked and cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - shelled, shucked and cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Crustaceans - unspecified - shelled, shucked and cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feeed)	25	Gram	Data from Catalunya-RTE Maja squinado cooked meat	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fish - gravad /slightly salted - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Catalunya-Raw Gadus morhua	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Barcelona (NUTS level 3)	Fish - marinated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya-RTE marinated and sliced Gadus morhua	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fish - raw - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya-Sardina pilchardus	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fish - raw - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya-Outbreak investigation. Salmo salar	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	1	Salmonella Enteritidis	1
	Fish - smoked - cold-smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya-RTE Gadus morhua and Salmo salar	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya-RTE Cooked octopus legs	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Fruits - non-pre-cut - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Fruits and vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	20	0	Salmonella	0
	Live bivalve molluscs - oysters - depurated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	20	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Barcelona (NUTS level 3)	Live bivalve molluscs - unspecified - depurated - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya-Live depurated clams	ISO 6579:2002/Annex D of ISO 6579) Salmonella	100	4	Salmonella Djugu	4
	Meat from bovine animals - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	18	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from Catalunya-Outbreak investigation	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	1	Salmonella Enteritidis	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya-RTE doner kebab ingredient	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Meat from pig - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya-Fresh raw sausage	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	1	Salmonella Typhimurium, monophasic - 4	1
	Meat from sheep - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	25	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Barcelona (NUTS level 3)	Meat from turkey - fresh - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya-Outbreak investigation	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya-Fresh raw hamburger	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	1	Salmonella Brandenburg	1
	Other processed food products and prepared dishes - egg based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya-RTE Omelette	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya-RTE Roast chicken with potatoes	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya-Outbreak investigation. Meat Goyza	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	1	Salmonella Enteritidis	1
	Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya-RTE doner kebab ingredient	ISO 6579:2002/Annex D of ISO 6579) Salmonella	20	0	Salmonella	0
	Soups - ready-to-eat - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya-RTE Chicken soup with pasta	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Spices and herbs - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579:2002/Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya-RTE doner kebab ingredient	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
Illes Balears	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579:2002/Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Illes Balears	Crustaceans - prawns - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	8	0	Salmonella	0
	Eggs - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	4	0	Salmonella	0
	Fish - raw - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Infant formula - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	2	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	2	0	Salmonella	0
	Meat from bovine animals - meat products - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/fee d)	10	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
		single (food/fee d)	10	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	2	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	15	1	Salmonella Livingstone	1
									Salmonella Mbandaka	1
									Salmonella Typhimurium	1
	Meat from pig - fresh - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	2	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Meat from poultry, unspecified - fresh - with skin - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	4	0	Salmonella	0
	Meat from wild game - birds - meat products - cooked, ready-to-eat - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	1	1	Salmonella Typhimurium	1
	Meat from wild game - birds - meat products - raw but intended to be eaten cooked - chilled - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	1	1	Salmonella Typhimurium	1
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	1	1	Salmonella Typhimurium	1
	Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	10	0	Salmonella	0
Other processed food products and prepared dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Survey - national survey - Official sampling - Convenient sampling	single (food/fee d)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	3	0	Salmonella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Illes Balears	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	3	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	2	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	10	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	4	0	Salmonella	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	2	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579:2002/Am d 1:2007	1	0	Salmonella	0

Table Salmonella:SALMONELLA in feed

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
SPAIN	Compound feedingstuffs for cattle - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	78	3	Salmonella Enteritidis	2
									Salmonella Other serovars	1
	Compound feedingstuffs for pigs - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	95	7	Salmonella 1,4,5,12:i:-	2
									Salmonella Enteritidis	3
									Salmonella Other serovars	2
	Compound feedingstuffs for poultry (non specified) - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	37	0	Salmonella	0
	Compound feedingstuffs for poultry, broilers - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	33	0	Salmonella	0
	Compound feedingstuffs for poultry, laying hens - final product - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	15	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	20	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	34	0	Salmonella	0
	Feed material of cereal grain origin - other cereal grain derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	20	1	Salmonella Enteritidis	1
	Feed material of land animal origin - animal fat - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	13	0	Salmonella	0
	Feed material of land animal origin - blood meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	18	0	Salmonella	0
	Feed material of land animal origin - dairy products - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	20	0	Salmonella	0
	Feed material of land animal origin - feather meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	8	0	Salmonella	0
	Feed material of land animal origin - meat and bone meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	67	15	Salmonella Enteritidis	2
									Salmonella Other serovars	13
	Feed material of land animal origin - meat meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	33	0	Salmonella	0
	Feed material of land animal origin - poultry offal meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	17	0	Salmonella	0
Feed material of marine animal origin - fish meal - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	99	10	Salmonella spp., unspecified	10	
Feed material of oil seed or fruit origin - cotton seed derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	2	0	Salmonella	0	
Feed material of oil seed or fruit origin - rape seed derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	2	0	Salmonella	0	
Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	N_A	Not Available	23	0	Salmonella	0	

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
SPAIN	Feed material of oil seed or fruit origin - sunflower seed derived - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Other feed material - forages and roughages - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	12	0	Salmonella	0
	Other feed material - legume seeds and similar products - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Other feed material - tubers, roots and similar products - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	4	0	Salmonella	0
	Pet food - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N_A	Not Available	96	11	Salmonella spp., unspecified	11

Table Staphylococcal enterotoxins:STAPHYLOCOCCAL ENTEROTOXINS in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	4	0	Staphylococcal enterotoxins	0
					Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
					Data from Murcia	ISO 19020:2017 Staphylococcal enterotoxins	6	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Galicia	ISO 19020:2017 Staphylococcal enterotoxins	20	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Unspecified - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Galicia	ISO 19020:2017 Staphylococcal enterotoxins	44	2	Staphylococcal enterotoxins - Enterotoxin, unspecified	2
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	9	0	Staphylococcal enterotoxins	0
					Data from Murcia	ISO 19020:2017 Staphylococcal enterotoxins	8	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	4	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
					Data from Murcia	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	4	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from sheep's milk - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
					Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	44	1	Staphylococcal enterotoxins - Enterotoxin, unspecified	1
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	4	0	Staphylococcal enterotoxins	0
					Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
					Data from Murcia	ISO 19020:2017 Staphylococcal enterotoxins	4	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	150	Gram	Data from Principado de Asturias	ISO 19020:2017 Staphylococcal enterotoxins	40	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	150	Gram	Data from Principado de Asturias	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
					Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunitat Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data from Principado de Asturias	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Navarra	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	200	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	200	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	200	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	200	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - made from raw or low heat-treated milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	200	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	45	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	200	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
Madrid (NUTS level 3)	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	75	Gram	DATA FROM CCMadrid	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	100	Gram	DATA FROM CCMadrid	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - Retail - Not Available - food sample - Monitoring - active - Official sampling - Objective sampling	batch (food/feed)	75	Gram	DATA FROM CCMadrid	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	100	Gram	DATA FROM CCMadrid	ISO 19020:2017 Staphylococcal enterotoxins	4	0	Staphylococcal enterotoxins	0

Table Toxoplasma:TOXOPLASMA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
SPAIN	Goats - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	N_A	Enzyme-linked immunosorbent assay (ELISA)	herd/flock	7	5	Toxoplasma gondii	5
	Sheep - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Suspect sampling	N_A	Enzyme-linked immunosorbent assay (ELISA)	herd/flock	123	70	Toxoplasma gondii	70

Table Trichinella:TRICHINELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Pigs - breeding animals - not raised under controlled housing conditions - Farm - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Automatic digestion method for pooled samples of up to 35 g	animal	1788	0	Trichinella	0
	Pigs - breeding animals - not raised under controlled housing conditions - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Catalunya	Magnetic stirrer method for pooled sample digestion	animal	84221	0	Trichinella	0
	Pigs - breeding animals - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Aragon	Magnetic stirrer method for pooled sample digestion	animal	463868	0	Trichinella	0
		Data from Catalunya	Magnetic stirrer method for pooled sample digestion	animal	289452	0	Trichinella	0
		Data from Murcia	Magnetic stirrer method for pooled sample digestion	animal	69713	0	Trichinella	0
		Data from Valencia	Magnetic stirrer method for pooled sample digestion	animal	1297	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Farm - Not Available - animal sample - Surveillance - Official sampling - Census	Data from Illes Balears	Magnetic stirrer method for pooled sample digestion	animal	118402	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Not Available - animal sample - Unspecified - Private sampling - Census	Data from Illes Balears	Magnetic stirrer method for pooled sample digestion	animal	307	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Magnetic stirrer method for pooled sample digestion	animal	2097	0	Trichinella	0
		data from Cantabria	Magnetic stirrer method for pooled sample digestion	animal	113	0	Trichinella	0
		Data from Extremadura	Magnetic stirrer method for pooled sample digestion	animal	6837	0	Trichinella	0
		Data from Madrid	Magnetic stirrer method for pooled sample digestion	animal	72	0	Trichinella	0
		Data from Navarra	Magnetic stirrer method for pooled sample digestion	animal	70	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Magnetic stirrer method for pooled sample digestion	animal	10480	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	data from Cantabria	Magnetic stirrer method for pooled sample digestion	animal	309	0	Trichinella	0
		Data from Castilla-La Mancha	Magnetic stirrer method for pooled sample digestion	animal	902	1	Trichinella spiralis	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Unspecified - Spain - animal sample - organ/tissue - Unspecified - Private sampling - Census	Data from La Rioja	Magnetic stirrer method for pooled sample digestion	animal	45	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - piglets - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Magnetic stirrer method for pooled sample digestion	animal	33510	0	Trichinella	0
		Data from Galicia	Magnetic stirrer method for pooled sample digestion	animal	10187 81	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Magnetic stirrer method for pooled sample digestion	animal	33922 50	0	Trichinella	0
		Data from Aragon	Magnetic stirrer method for pooled sample digestion	animal	71956 19	0	Trichinella	0
		Data from Castilla-La Mancha	Magnetic stirrer method for pooled sample digestion	animal	42629 66	0	Trichinella	0
		Data from Catalunya	Magnetic stirrer method for pooled sample digestion	animal	22151 550	0	Trichinella	0
		Data from Extremadura	Magnetic stirrer method for pooled sample digestion	animal	62459 7	0	Trichinella	0
		Data from La Rioja	Magnetic stirrer method for pooled sample digestion	animal	16226	0	Trichinella	0
		Data from Madrid	Magnetic stirrer method for pooled sample digestion	animal	65180 1	0	Trichinella	0
		Data from Murcia	Magnetic stirrer method for pooled sample digestion	animal	38202 73	0	Trichinella	0
		Data from Valencia	Magnetic stirrer method for pooled sample digestion	animal	13085 05	0	Trichinella	0
		Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Not specified	Data from Madrid	Magnetic stirrer method for pooled sample digestion	animal	30	0	Trichinella
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	Data from Euskadi	Magnetic stirrer method for pooled sample digestion	animal	11704	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Automatic digestion method for pooled samples of up to 35 g	slaughte r animal batch	48118	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Canarias	Magnetic stirrer method for pooled sample digestion	animal	70976	0	Trichinella	0
		Data from Navarra	Magnetic stirrer method for pooled sample digestion	animal	49741	0	Trichinella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Magnetic stirrer method for pooled sample digestion	animal	60422 85	0	Trichinella	0
	Pigs - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Magnetic stirrer method for pooled sample digestion	animal	62215	112	Trichinella, unspecified sp.	112
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Magnetic stirrer method for pooled sample digestion	animal	413	0	Trichinella	0
		Data from Aragon	Magnetic stirrer method for pooled sample digestion	animal	6756	0	Trichinella	0
		Data from Castilla-La Mancha	Magnetic stirrer method for pooled sample digestion	animal	114	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Magnetic stirrer method for pooled sample digestion	animal	5290	0	Trichinella	0
		Data from Euskadi	Magnetic stirrer method for pooled sample digestion	animal	495	0	Trichinella	0
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	data from Cantabria	Magnetic stirrer method for pooled sample digestion	animal	962	0	Trichinella	0
		Data from La Rioja	Magnetic stirrer method for pooled sample digestion	animal	63	0	Trichinella	0
		Data from Valencia	Magnetic stirrer method for pooled sample digestion	animal	5523	0	Trichinella	0
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Automatic digestion method for pooled samples of up to 35 g	slaughter animal batch	2236	0	Trichinella	0
	Wild boars - wild - Farm - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Automatic digestion method for pooled samples of up to 35 g	animal	2331	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Magnetic stirrer method for pooled sample digestion	animal	25546	142	Trichinella spiralis	142
		Data from Catalunya	Magnetic stirrer method for pooled sample digestion	animal	13371	31	Trichinella, unspecified sp.	31
		Data from Extremadura	Magnetic stirrer method for pooled sample digestion	animal	42680	169	Trichinella spiralis	169
		Data from La Rioja	Magnetic stirrer method for pooled sample digestion	animal	1177	1	Trichinella, unspecified sp.	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Magnetic stirrer method for pooled sample digestion	animal	3200	13	Trichinella britovi	2
							Trichinella spiralis	6
							Trichinella, unspecified sp.	5
		Data from Navarra	Magnetic stirrer method for pooled sample digestion	animal	1827	1	Trichinella, unspecified sp.	1
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Not specified	Data from Madrid	Magnetic stirrer method for pooled sample digestion	animal	10	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - Surveillance - Official sampling - Census	Data from Principado de Asturias	Automatic digestion method for pooled samples of up to 35 g	slaughter animal batch	176	0	Trichinella	0
Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census		data from Cantabria	Magnetic stirrer method for pooled sample digestion	animal	1275	1	Trichinella, unspecified sp.	1
		Data from Extremadura	Magnetic stirrer method for pooled sample digestion	animal	2107	7	Trichinella spiralis	7
		Data from Madrid	Magnetic stirrer method for pooled sample digestion	animal	609	1	Trichinella britovi	1
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 854/2004 - Census	CASTILLA Y LEON	Magnetic stirrer method for pooled sample digestion	animal	17328	51	Trichinella, unspecified sp.	51
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Unspecified - Private sampling - Other	Data from Aragon	Magnetic stirrer method for pooled sample digestion	animal	3295	4	Trichinella britovi	4
	Wild boars - wild - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	data from Cantabria	Magnetic stirrer method for pooled sample digestion	animal	6	0	Trichinella	0
	Wild boars - wild - Unspecified - Spain - animal sample - organ/tissue - Unspecified - Private sampling - Census	Data from La Rioja	Magnetic stirrer method for pooled sample digestion	animal	494	0	Trichinella	0

Table Yersinia:YERSINIA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	10	1	Yersinia enterocolitica	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	8	3	Yersinia enterocolitica	3
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	3	3	Yersinia enterocolitica	3
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	2	0	Yersinia	0
	Meat from bovine animals - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	18	3	Yersinia enterocolitica	3
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	8	4	Yersinia enterocolitica	4
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	5	1	Yersinia enterocolitica	1
	Meat from bovine animals and pig - meat products - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 10273:2003 Yersinia	9	1	Yersinia enterocolitica	1
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	11	5	Yersinia enterocolitica	5
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	1	1	Yersinia enterocolitica	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	7	1	Yersinia enterocolitica	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	1	1	Yersinia enterocolitica	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	2	2	Yersinia enterocolitica	2
	Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	4	1	Yersinia enterocolitica	1
	Meat from horse - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	5	0	Yersinia	0
	Meat from other poultry species - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	6	5	Yersinia enterocolitica	5
	Meat from pig - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	6	2	Yersinia enterocolitica	2
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 10273:2003 Yersinia	1	0	Yersinia	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	9	4	Yersinia enterocolitica	4
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	4	0	Yersinia	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	6	2	Yersinia enterocolitica	2
	Meat from pig - meat products - fresh raw sausages - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 10273:2003 Yersinia	6	0	Yersinia	0
	Meat from pig - meat products - meat specialities - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	1	0	Yersinia	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	13	0	Yersinia	0
	Meat from pig - meat products - raw but intended to be eaten cooked - chilled - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 10273:2003 Yersinia	4	0	Yersinia	0
	Meat from pig - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	6	2	Yersinia enterocolitica	2
	Meat from pig - meat products - unspecified, ready-to-eat - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	ISO 10273:2003 Yersinia	1	0	Yersinia	0
	Meat from rabbit - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	6	0	Yersinia	0
	Meat from rabbit - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	4	0	Yersinia	0
	Meat from sheep - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	1	0	Yersinia	0
	Meat from sheep - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	25	8	Yersinia enterocolitica	8
	Meat from turkey - fresh - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	10	3	Yersinia enterocolitica	3
	Meat, mixed meat - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	10	4	Yersinia enterocolitica	4
	Meat, mixed meat - meat products - raw but intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 10273:2003 Yersinia	7	2	Yersinia enterocolitica	2

FOODBORNE OUTBREAKS TABLES

Foodborne Outbreaks: summarized data

Causative agent	Food vehicle	Outbreak strenght		Strong				Weak			
		N outbreaks	N human cases	N		N outbreaks	N human cases	N			
				hospitalized	N deaths			hospitalized	N deaths		
Adenoviridae	Unknown					1	8	0	0		
Bacillus cereus	Cheese					1	13	1	0		
	Vegetables and juices and other products thereof					1	14	0	0		
	Cereal products including rice and seeds/pulses (nuts, almonds)					1	3	0	0		
	Fruit, berries and juices and other products thereof	1	2	0	0						
	Mixed food	5	170	0	1	2	6	2	0		
	Meat and meat products	1	22	0	0	1	11	0	0		
Campylobacter coli	Pig meat and products thereof	1	4	0	0						
Campylobacter jejuni	Broiler meat (Gallus gallus) and products thereof	1	4	1	0	2	44	0	0		
	Mixed food					4	30	0	0		
	Unknown					3	18	0	0		
Campylobacter, unspecified sp.	Other, mixed or unspecified poultry meat and products thereof					1	2	0	0		
	Unknown					5	12	1	0		
Clostridium botulinum	Vegetables and juices and other products thereof					1	4	4	0		
Clostridium perfringens	Pig meat and products thereof	1	9	0	0						
	Other or mixed red meat and products thereof	1	28	0	0						
	Other, mixed or unspecified poultry meat and products thereof	1	62	0	0						
	Cereal products including rice and seeds/pulses (nuts, almonds)	1	14	0	0						
	Other foods					1	59	0	0		
	Mixed food					1	12	0	0		
	Unknown					1	30	0	0		
	Meat and meat products	1	55	0	0	3	179	0	0		
Enterotoxigenic E. coli (ETEC)	Broiler meat (Gallus gallus) and products thereof					1	4	0	0		
	Vegetables and juices and other products thereof	1	50	0	0						
Escherichia coli	Eggs and egg products	1	8	0	0						
	Mixed food					1	22	0	0		
Hepatovirus A	Unknown					1	2	2	0		
Histamine	Fish and fish products	6	20	3	0	2	6	0	0		
	Vegetables and juices and other products thereof	1	2	0	0						
Listeria monocytogenes - molecular serogroup IVb	Meat and meat products	1	207	131	3						
Listeria monocytogenes - serovar 4b	Other foods					2	18	0	0		
Marine biotoxins	Fish and fish products	5	14	0	0	6	15	0	0		

Causative agent	Food vehicle	Outbreak strength							
		Strong				Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Marine biotoxins	Crustaceans, shellfish, molluscs and products thereof	1	5	0	0	1	4	0	0
Mushroom toxins	Unknown					1	30	0	1
Norovirus	Eggs and egg products	1	6	0	0	2	18	0	0
	Crustaceans, shellfish, molluscs and products thereof	7	64	0	0	2	64	0	0
	Vegetables and juices and other products thereof					1	11	0	0
	Tap water, including well water	2	60	0	0				
	Other foods					2	61	2	0
	Mixed food	4	84	0	0	3	93	2	0
	Unknown					9	566	0	0
	Meat and meat products					2	117	0	0
Salmonella enterica, subspecies enterica	Eggs and egg products	1	7	1	0				
Salmonella Enteritidis	Milk					1	6	2	0
	Dairy products (other than cheeses)	1	3	2	0				
	Eggs and egg products	5	79	21	0	2	8	2	0
	Broiler meat (Gallus gallus) and products thereof	1	9	7	0				
	Crustaceans, shellfish, molluscs and products thereof	1	2	1	0				
	Cereal products including rice and seeds/pulses (nuts, almonds)					1	5	2	0
	Buffet meals	1	102	40	0				
	Unknown					5	23	4	2
Salmonella group D	Eggs and egg products	1	14	0	0				
	Broiler meat (Gallus gallus) and products thereof					2	24	1	0
	Mixed food					1	3	0	0
Salmonella Newport	Cheese					1	8	0	0
Salmonella spp., unspecified	Eggs and egg products	37	259	66	0	28	143	31	1
	Pig meat and products thereof	1	2	0	0	1	5	0	0
	Other or mixed red meat and products thereof	1	16	1	0				
	Broiler meat (Gallus gallus) and products thereof	1	2	0	0	5	21	3	0
	Other, mixed or unspecified poultry meat and products thereof	1	2	1	0	1	7	6	0
	Fish and fish products					2	6	1	0
	Crustaceans, shellfish, molluscs and products thereof	1	3	0	0	1	2	1	0
	Bakery products	3	14	3	0				
	Other foods	1	2	1	0	5	35	2	0
	Mixed food	2	10	4	0	11	71	10	0
	Unknown					13	194	30	0
	Meat and meat products	3	53	2	0	3	17	1	0
	Salmonella Typhimurium	Eggs and egg products					1	2	0
Broiler meat (Gallus gallus) and products thereof		1	3	0	0				
Other foods						1	3	0	0
Unknown						2	4	2	0

Causative agent	Food vehicle	Outbreak strength								
		Strong				Weak				
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths	
Salmonella Typhimurium, monophasic	Cheese					1	2	2	0	
	Other, mixed or unspecified poultry meat and products thereof	1	6	4	0					
Staphylococcal enterotoxins	Cheese					1	2	0	0	
	Other, mixed or unspecified poultry meat and products thereof	1	4	1	0	1	2	0	0	
	Fish and fish products	1	43	0	0					
	Cereal products including rice and seeds/pulses (nuts, almonds)					1	5	0	0	
	Bakery products					1	4	0	0	
	Unknown					1	5	0	0	
	Meat and meat products	1	17	0	0	2	26	1	0	
Toxins, unspecified	Fish and fish products	2	68	0	0					
	Vegetables and juices and other products thereof					1	5	0	0	
	Unknown					1	4	0	0	
Unknown	Milk					1	2	0	0	
	Dairy products (other than cheeses)					1	12	0	0	
	Cheese					1	2	0	0	
	Eggs and egg products	2	5	1	0	15	113	3	0	
	Pig meat and products thereof	1	43	0	0	2	10	0	0	
	Other or mixed red meat and products thereof					1	2	0	0	
	Broiler meat (Gallus gallus) and products thereof					6	18	2	0	
	Other, mixed or unspecified poultry meat and products thereof					1	3	0	0	
	Fish and fish products	2	7	0	0	6	37	0	0	
	Crustaceans, shellfish, molluscs and products thereof	3	20	0	0	9	32	1	0	
	Vegetables and juices and other products thereof	1	2	0	0					
	Cereal products including rice and seeds/pulses (nuts, almonds)	2	16	0	0					
	Tap water, including well water	3	88	1	0	1	4	0	0	
	Bakery products	2	29	0	0	6	45	3	0	
	Other foods					21	283	4	0	
	Mixed food	11	134	0	0	26	248	0	0	
	Unknown					61	985	10	1	
	Meat and meat products	12	46	1	0	32	174	2	0	
	Virus	Crustaceans, shellfish, molluscs and products thereof	1	2	0	0				
	VTEC O157	Unknown					1	2	1	0

Strong Foodborne Outbreaks: detailed data

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Bacillus cereus	unk	Not Available	Not Available	Not Available	N_A	General	Fruit, berries and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
							Mixed food	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
									Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Hospital or medical care facility	Unknown	Unknown	Unknown	N_A	1	8	0	1
									Detection of causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	140	0	0
									Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	17	0	0
							Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Others	Others	Unknown	Unknown; Inadequate chilling	N_A	1	22	0	0
Campylobacter coli	unk	Not Available	Not Available	Not Available	N_A	General	Pig meat and products thereof	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	4	0	0
Campylobacter jejuni	unk	Not Available	Not Available	Not Available	N_A	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	4	1	0
Clostridium perfringens	unk	Not Available	Not Available	Not Available	N_A	General	Pig meat and products thereof	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	9	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp. deaths	N deaths
Clostridium perfringens	unk	Not Available	Not Available	Not Available	N_A	General	Other or mixed red meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Analytical epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	28	0	0
							Other, mixed or unspecified poultry meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Residential institution (nursing home or prison or boarding school)	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	N_A	1	62	0	0
							Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Analytical epidemiological evidence	Canteen or workplace catering	Canteen or workplace catering	Unknown	Unknown;Inadequate chilling	N_A	1	14	0	0
							Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	School or kindergarten	School or kindergarten	Unknown	Unknown	N_A	1	55	0	0
Enterotoxigenic E. coli (ETEC)	unk	Not Available	Not Available	Not Available	N_A	General	Vegetables and juices and other products thereof	N_A	Analytical epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	50	0	0
Escherichia coli	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	8	0	0
Histamine	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	8	0	0
													Unknown;Inadequate chilling	N_A	1	4	2	0
													Unknown;Other contributory factor	N_A	1	3	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N		
																human cases	N hosp.	N deaths
Histamine	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
							Vegetables and juices and other products thereof	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
							Household	Fish and fish products	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	3	1
Listeria monocytogenes - molecular serogroup IVb	unk	Not Available	Not Available	Not Available	N_A	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Multiple places of exposure in one country	Processing plant	Spain	Not Available	Only confirmed and probable cases submitted	1	207	131	3
Marine biotoxins	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	4	9	0	0
									Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	School or kindergarten	School or kindergarten	Unknown	Unprocessed contaminated ingredient	N_A	1	5	0	0
							Crustaceans, shellfish, molluscs and products thereof	N_A	Analytical epidemiological evidence	Mobile retailer or market/street vendor	Unknown	Unknown	Unknown	N_A	1	5	0	0
Norovirus	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	0	0
							Crustaceans, shellfish, molluscs and products thereof	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	29	0	0
										Unknown	Unknown	Unknown	N_A	3	19	0	0	
										Water source	Unknown	Unknown	N_A	1	3	0	0	

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	unk	Not Available	Not Available	Not Available	N_A	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unprocessed contaminated ingredient	N_A	1	8	0	0
									Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
									Analytical epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	50	0	0
									Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	10	0	0
							Mixed food	N_A	Analytical epidemiological evidence	Mobile retailer or market/street vendor	Others	Unknown	Unknown	N_A	1	6	0	0
									Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	3	78	0	0
Salmonella enterica, subspecies enterica	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Analytical epidemiological evidence	Others	Household	Unknown	Unknown	N_A	1	7	1	0
Salmonella Enteritidis	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	2	2	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths						
Salmonella Enteritidis	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Analytical epidemiological evidence	Others	Farm	Unknown	Unknown	N_A	1	37	11	0						
											Unknown	Unknown	Unknown	N_A	1	31	6	0						
											Unknown	Unknown	Unknown; Inadequate chilling	N_A	1	102	40	0						
											Household	Dairy products (other than cheeses)	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	3	2	0	
											Household	Eggs and egg products	N_A	Analytical epidemiological evidence	Household	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
																Unknown	Unknown	Unknown	N_A	1	4	2	0	
																		Broiler meat (Gallus gallus) and products thereof	N_A	Analytical epidemiological evidence	Household	Household	Unknown	Unknown
							Crustaceans, shellfish, molluscs and products thereof	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0						
Salmonella group D	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Farm	Unknown	Unknown	N_A	1	14	0	0						
Salmonella spp., unspecified	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Analytical epidemiological evidence	Camp or picnic	Household	Unknown	Unknown	N_A	1	4	3	0						
											Unknown	Unknown	Unknown	N_A	1	8	2	0						
											Household	Unknown	Unknown	Unknown	N_A	1	16	0	0					
											Others	Unknown	Unknown	Unknown	N_A	1	3	1	0					
											Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	4	0	0					
												Unknown	Unknown	Unknown; Inadequate chilling	N_A	1	8	3	0					
																		Unknown	Unknown	Unknown	N_A	11	82	20
							Unknown	Unknown	Unknown; Inadequate chilling	N_A	2	57	21	0										
								Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0							

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths	
Salmonella spp., unspecified	unk	Not Available	Not Available	Not Available	N_A	General	Pig meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0	
							Other or mixed red meat and products thereof	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	16	1	0	
							Other, mixed or unspecified poultry meat and products thereof	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown;Inadequate chilling	N_A	1	2	1	0	
							Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0	
							Bakery products	N_A	Analytical epidemiological evidence	Others	Others	Unknown	Unknown;Other contributory factor	N_A	1	3	2	0	
															Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A
							Other foods	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0	
							Mixed food	N_A	Analytical epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	6	4	0	
															Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A
							Meat and meat products	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	40	1	0	
															Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A
							Household	Eggs and egg products	N_A	Analytical epidemiological evidence	Household	Household	Argentina	Unknown	N_A	1	9	0	0
													Spain	Unknown;Inadequate chilling	N_A	1	4	3	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N							
																human cases	N hosp.	N deaths					
Salmonella spp., unspecified	unk	Not Available	Not Available	Not Available	N_A	Household	Eggs and egg products	N_A	Analytical epidemiological evidence	Household	Household	Unknown	Unknown;Inadequate chilling	N_A	1	2	0	0					
															Unknown	Spain	Unknown	N_A	1	2	1	0	
																Unknown	Unknown	Unknown	N_A	10	37	11	0
																	Unknown;Inadequate chilling	Unknown	N_A	1	4	1	0
															Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	2	0
Broiler meat (Gallus gallus) and products thereof	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0												
Bakery products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Analytical epidemiological evidence	Household	Household	Unknown	Unknown;Other contributory factor	N_A	1	7	1	0												
								Unknown	Eggs and egg products	N_A	Analytical epidemiological evidence	Unknown	Unknown	Unknown	Unknown	N_A	1	14	0	0			
Salmonella Typhimurium	unk	Not Available	Not Available	Not Available	N_A	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0					
Salmonella Typhimurium, monophasic	unk	Not Available	Not Available	Not Available	N_A	Household	Other, mixed or unspecified poultry meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unprocessed contaminated ingredient	N_A	1	6	4	0					
Staphylococcal enterotoxins	unk	Not Available	Not Available	Not Available	N_A	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	4	1	0					

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N		
																human cases	hosp.	deaths
Staphylococcal enterotoxins	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	N_A	1	43	0	0
							Meat and meat products	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	17	0	0
Toxins, unspecified	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Analytical epidemiological evidence	Camp or picnic	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown; Other contributory factor; Inadequate chilling	N_A	1	64	0	0
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
							Pig meat and products thereof	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	43	0	0
							Fish and fish products	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	2	7	0	0
							Crustaceans, shellfish, molluscs and products thereof	N_A	Analytical epidemiological evidence	Mobile retailer or market/street vendor	Unknown	Unknown	Unknown	N_A	2	7	0	0
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	13	0	0
							Vegetables and juices and other products thereof	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
							Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Analytical epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	9	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N										
															outbreaks	human cases	hosp.	deaths							
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Tap water, including well water	N_A	Analytical epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	2	72	0	0							
										Others	Unknown	Unknown	Unknown	N_A	1	16	1	0							
							Bakery products	N_A	Analytical epidemiological evidence	Mobile retailer or market/street vendor	Unknown	Unknown	Unknown	N_A	1	2	0	0							
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	27	0	0							
										Mixed food	N_A	Analytical epidemiological evidence	Camp or picnic	Unknown	Unknown	Unknown	N_A	1	4	0	0				
							Mixed food	N_A	Analytical epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	2	73	0	0							
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	7	49	0	0							
										Meat and meat products	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	6	26	0	0				
							Household							Eggs and egg products	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
														Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	7	0	0
														Mixed food	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	8	0	0
														Meat and meat products	N_A	Analytical epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	4	13	0	0
							Unknown							Meat and meat products	N_A	Analytical epidemiological evidence	Unknown	Unknown	Unknown	Unknown	N_A	2	7	1	0
							Virus	unk	Not Available	Not Available	Not Available	N_A	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Weak Foodborne Outbreaks: detailed data

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Adenoviridae	unk	Not Available	Not Available	Not Available	N_A	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	8	0	0
Bacillus cereus	unk	Not Available	Not Available	Not Available	N_A	General	Cheese	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	13	1	0
							Vegetables and juices and other products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	14	0	0
							Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	3	0	0
							Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	6	2	0
							Meat and meat products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	11	0	0
Campylobacter jejuni	unk	Not Available	Not Available	Not Available	N_A	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	44	0	0
							Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	4	30	0	0
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	2	16	0	0
						Household	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
Campylobacter, unspecified sp.	unk	Not Available	Not Available	Not Available	N_A	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	4	1	0
							Household	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	4	8	0
Clostridium botulinum	unk	Not Available	Not Available	Not Available	N_A	Household	Vegetables and juices and other products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	4	4	0
Clostridium perfringens	unk	Not Available	Not Available	Not Available	N_A	General	Other foods	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	59	0	0
							Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	12	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N		
																human cases	N hosp.	N deaths
Clostridium perfringens	unk	Not Available	Not Available	Not Available	N_A	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	30	0	0
							Meat and meat products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	3	179	0	0
Enterotoxigenic E. coli (ETEC)	unk	Not Available	Not Available	Not Available	N_A	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	4	0	0
Escherichia coli	unk	Not Available	Not Available	Not Available	N_A	General	Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	22	0	0
Hepatitis A	unk	Not Available	Not Available	Not Available	N_A	Household	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	2	2	0
Histamine	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
						Household	Fish and fish products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	4	0	0
Listeria monocytogenes - serovar 4b	unk	Not Available	Not Available	Not Available	N_A	Unknown	Other foods	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	18	0	0
Marine biotoxins	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	4	9	0	0
							Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	4	0	0
						Household	Fish and fish products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	N_A	2	6	0	0	
Mushroom toxins	unk	Not Available	Not Available	Not Available	N_A	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	N_A	1	30	0	1	
Norovirus	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	18	0	0
							Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	64	0	0
							Vegetables and juices and other products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	N_A	1	11	0	0	

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N				
															N outbreaks	human cases	N hosp.	N deaths	
Norovirus	unk	Not Available	Not Available	Not Available	N_A	General	Other foods	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	58	0	0	
							Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	3	93	2	0	
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	6	460	0	0	
							Meat and meat products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	117	0	0	
							Unknown	Other foods	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	3	2	0
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	3	106	0	0	
Salmonella Enteritidis	unk	Not Available	Not Available	Not Available	N_A	General	Milk	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	6	2	0	
							Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	3	1	0	
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	2	16	2	0	
							Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	5	1	0
							Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	5	2	0	
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	3	7	2	2	
Salmonella group D	unk	Not Available	Not Available	Not Available	N_A	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	24	1	0	
							Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	3	0	0	
Salmonella Newport	unk	Not Available	Not Available	Not Available	N_A	General	Cheese	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	8	0	0	
Salmonella spp., unspecified	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	10	67	8	0	

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N			N deaths
																human cases	hosp.		
Salmonella spp., unspecified	unk	Not Available	Not Available	Not Available	N_A	General	Pig meat and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	5	0	0	
							Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	5	21	3	0	
							Fish and fish products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	3	1	0	
							Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	1	0	
							Other foods	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	4	33	0	0	
							Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	9	67	6	0	
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	8	170	26	0	
							Meat and meat products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	12	0	0	
							Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	18	76	23	1
							Other, mixed or unspecified poultry meat and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	7	6	0	
							Fish and fish products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	3	0	0	
							Other foods	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	2	0	
							Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	4	4	0	
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	3	20	2	0	

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N			
															outbreaks	human cases	hosp.	deaths
Salmonella spp., unspecified	unk	Not Available	Not Available	Not Available	N_A	Household	Meat and meat products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	5	1	0
						Unknown	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	2	4	2	0
Salmonella Typhimurium	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
							Other foods	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	3	0	0
						Household	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	2	4	2	0
Salmonella Typhimurium, monophasic	unk	Not Available	Not Available	Not Available	N_A	Household	Cheese	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	2	0
Staphylococcal enterotoxins	unk	Not Available	Not Available	Not Available	N_A	General	Other, mixed or unspecified poultry meat and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
							Bakery products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	4	0	0
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	5	0	0
							Meat and meat products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	23	1	0
						Household	Cheese	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
							Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	5	0	0
							Meat and meat products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	3	0	0
Toxins, unspecified	unk	Not Available	Not Available	Not Available	N_A	General	Vegetables and juices and other products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	5	0	0
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	4	0	0
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Milk	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N		
																human cases	hosp.	deaths
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Dairy products (other than cheeses)	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	12	0	0
							Cheese	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
							Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	12	91	3	0
							Pig meat and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	10	0	0
							Other or mixed red meat and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
							Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	4	12	0	0
							Other, mixed or unspecified poultry meat and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	3	0	0
							Fish and fish products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	5	33	0	0
							Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	7	28	1	0
							Tap water, including well water	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	4	0	0
							Bakery products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	4	35	1	0
							Other foods	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	18	259	4	0
							Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	23	232	0	0
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	49	906	7	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N								
																human cases	N hosp.	N deaths						
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	14	103	1	0						
							Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	13	0	0					
								Fish and fish products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	4	0	0					
								Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	4	0	0					
								Bakery products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	8	2	0					
								Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	11	0	0					
								Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	6	30	2	0					
						Unknown	unk	Not Available	Not Available	Not Available	N_A	Household	Meat and meat products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	14	49	1	0
													Eggs and egg products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	9	0	0
													Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	2	6	2	0
													Bakery products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	2	0	0
													Other foods	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	3	24	0	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N		
																human cases	N hosp.	N deaths
Unknown	unk	Not Available	Not Available	Not Available	N_A	Unknown	Mixed food	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	1	5	0	0
							Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	6	49	1	1
							Meat and meat products	N_A	Descriptive epidemiological evidence	Not Available	Not Available	Not Available	Not Available	N_A	4	22	0	0
VTEC O157	unk	Adhesion genes not investigated	Verotoxin production, toxin type unknown	Not Available	N_A	General	Unknown	N_A	Unknown	Not Available	Not Available	Not Available	Not Available	N_A	1	2	1	0

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

Table Antimicrobial susceptibility testing of *Campylobacter coli* in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling details:

AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
ECOFF	0.5	8	2	16	4	2
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	21	21	21	21	21	21
N of resistant isolates	17	7	6	17	17	20
MIC						
<=0.12	3					
0.25	1		3			
<=0.5						1
0.5			7			
<=1		11				
1			5		3	
2		2		1	1	
4		1		2		
8	6			1		
16	4					
>16	7		6		17	
32						1
64				6		2
>64				11		17
128		1				
>128		6				

Table Antimicrobial susceptibility testing of Campylobacter coli in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling details:

AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
ECOFF	0.5	8	2	16	4	2
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	119	119	119	119	119	119
MIC	N of resistant isolates	114	58	15	114	101
<=0.12	4					
0.25	1		1			
<=0.5						2
0.5			36			
<=1		50				
1			67			
2		9			2	1
4	4	2		1	16	
8	41			4	1	3
16	52	1	3		2	1
>16	17		12		98	
32				1		
64				19		9
>64				94		103
128		3				
>128		54				

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling details:

AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
ECOFF	0.5	4	2	16	4	1
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	147	147	147	147	147	147
MIC	N of resistant isolates	106	0	1	104	39
<=0.12	38		2			
0.25	2		67			
<=0.5						39
0.5	1		72		8	
<=1		145				
1	1		5		87	1
2				7	13	
4	5	2		28		
8	62			6	1	2
16	26			2	3	3
>16	12		1		35	
32				1		9
64				14		28
>64				89		65

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling details:

AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
ECOFF	0.5	4	2	16	4	1
Lowest limit	0.12	1	0.12	1	0.25	0.5
Highest limit	16	128	16	64	16	64
N of tested isolates	1	1	1	1	1	1
MIC	N of resistant isolates	0	0	1	0	1
0.5			1			
<=1		1				
1					1	
16	1					1
>64				1		

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

Table Antimicrobial susceptibility testing of Salmonella 1,13,23:i:- in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	0	1	1	0	1
MIC														
<=0.03									1					
<=0.25			1										1	
0.25						1								
<=0.5				1										
2							1	1						
<=8					1									
8		1												
16										1				
>32														1
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella 4:i:- in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	1	1	0	0
MIC														
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
0.5						1								
<=1							1							
<=8					1									
8		1												
32										1				
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella 6,7:d:- in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
8		1												
16					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella 6,7:r:- in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
1						1								
<=2												1		
4		1												
<=8					1									
16											1			
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Abony in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5						1								1
<=2							1					1		
2														
<=8					1									
8		1												
16											1			
32										1				
>64	1													

Table Antimicrobial susceptibility testing of Salmonella Agona in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
16		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Agona in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1											1
<=0.5				1										
0.5													1	
2							1	1						
<=4										1				
<=8					1									
8		1												
>64	1												1	
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Agona in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									2					
0.03						1								
<=0.25			2										2	2
<=0.5				2				2						
<=1	2						2							
<=2												2		
<=4										2				
8		2												
16					2									
32											1			
128											1			

Table Antimicrobial susceptibility testing of Salmonella Agona in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						3								
<=0.03									5					
0.03						2								
<=0.25			5										2	2
<=0.5				5				5						
0.5													3	2
<=1	4						4							
1														1
<=2												5		
2	1						1							
<=4										4				
<=8					3									
8		5								1				
16					2									
32											4			
64											1			

Table Antimicrobial susceptibility testing of Salmonella Albany in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Altona in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1										
0.5														1
<=1	1						1							
1								1						
<=2												1		
<=4										1				
4		1												
<=8					1						1			

Table Antimicrobial susceptibility testing of Salmonella Amsterdam in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella Amsterdam in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
2							1							
<=4										1				
<=8					1									
8		1												
64												1		
>64	1													
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Anatum in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									4					
0.03						4								
<=0.25			4										3	
<=0.5				4				3						
0.5													1	4
<=1	2						4							
1								1						
<=2												4		
2	2													
<=4										4				
<=8					3									
8		4												
16					1						3			
32											1			

Table Antimicrobial susceptibility testing of Salmonella Anatum in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes
Programme Code: OTHER AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	0	0	0	0	2	0	0	0	0	0	2	4	0	0
MIC														
<=0.015						1								
<=0.03									6					
0.03						2								
0.064						3								
<=0.25			6										1	3
<=0.5				3				5						
0.5													3	2
<=1	3						4							
1				3									2	1
<=2												1		
2	3						2	1						
<=4										3				
4		1											1	
<=8					2									
8		2								3				
16		3			2									
32											3			
64											1	1		
>64												3		
>128					2									
>1024											2			

Table Antimicrobial susceptibility testing of Salmonella Anatum in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.064						1								
<=0.25			1											
<=0.5								1						
0.5													1	1
<=1							1							
1				1										
2	1													
4												1		
<=8					1									
8										1				
16		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Anatum in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON pn12

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.12	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	0	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.12								1		
0.12			1							
0.5						1				
1					1					
4	1									
8				1						1
32		1								

Table Antimicrobial susceptibility testing of Salmonella Anatum in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	1	0	0	1	0	0	0	1	1	1	0	1
MIC														
<=0.03									1					
<=0.5								1						
0.5						1								
1													1	
2				1			1							
>4			1											
<=8					1									
8		1												
>32														1
>64	1											1		
>128										1				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Anatum in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON pn12

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.12	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	0	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.064			1							
<=0.12								1		
0.25						1				
1					1					
2	1									
4				1						
8										1
16		1								

Table Antimicrobial susceptibility testing of Salmonella Anatum in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	2	0	1	0	0	1	1	1	0	1	1	1	0	1
MIC														
<=0.015						2								
<=0.03									3					
<=0.25			2										2	1
0.25						1								
<=0.5				2				2						
0.5													1	1
<=1	1													
1				1										
<=2												2		
2							2							
<=4										2				
4		1					1							
>4			1											
<=8					3									
8		2												
16											1			
32											1			
>32								1						1
64												1		
>64	2													
>128										1				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Anatum in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
1024											1			

Table Antimicrobial susceptibility testing of Salmonella Assinie in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
16											1			

Table Antimicrobial susceptibility testing of Salmonella Banana in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Bardo in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2										2	2
<=0.5				1				2						
<=1	2													
1				1										
<=2												2		
2							2							
<=4										2				
4		1												
<=8					2									
8		1												
32											2			

Table Antimicrobial susceptibility testing of Salmonella Bardo in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Bardo in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=2												1		
2							1							
<=4										1				
4	1													
<=8					1									
8		1												
16											1			

Table Antimicrobial susceptibility testing of Salmonella Bardo in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
16											1			

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes
Programme Code: OTHER AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1							1							
<=2												1		
2	1													
<=4										1				
4		1												
<=8					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	9	9	9	9	9	9	9	9	9	9	9	9	9	9
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	3	0	0	0
MIC														
<=0.015						4								
<=0.03									9					
0.03						4								
<=0.25			8										9	8
<=0.5				9				7						
0.5			1			1								1
<=1	8						1							
1								2						
<=2												9		
2							8							
<=4										7				
4		1												
<=8					8									
8		7								1				
16		1			1									
32										1	2			
64											1			
>64	1													
256											3			
512											1			
1024											2			

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	15	15	15	15	15	15	15	15	15	15	15	15	15	15
N of resistant isolates	14	0	0	0	14	0	0	0	0	0	14	0	0	14
MIC														
<=0.015						10								
<=0.03									15					
0.03						5								
<=0.25			15										15	1
<=0.5				15				15						
<=1							1							
<=2												15		
2	1						14							
<=4										15				
4		11												
<=8					1									
8		4												
>32														14
>64	14													
128					14						1			
>1024											14			

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Not applicable

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	0	0	1
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
<=2												1		
2							1							
<=4										1				
4		1												
>32														1
>64	1													
128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2										2	2
<=0.5				2				1						
<=1	2													
1								1						
<=2												2		
2							2							
<=4										2				
4		2												
<=8					2									
128											1			
1024											1			

Table Antimicrobial susceptibility testing of Salmonella Braenderup in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											1
<=0.5				1				1						
1													1	
2							1							
4	1											1		
8										1				
16		1			1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Braenderup in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1										1	1
<=0.5				1										
0.5						1								
<=1	1													
1								1						
<=2												1		
2							1							
<=8					1									
8		1												
16										1				
32											1			

Table Antimicrobial susceptibility testing of Salmonella Braenderup in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1										
0.5														1
<=1							1							
1								1						
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	1	1	0	0	2	1	0	0	0	0	2	1	0	1
MIC														
<=0.015						2								
<=0.03									3					
0.03						1								
0.064						1			2					
<=0.25			5										3	2
<=0.5				5				4						
0.5						1								2
<=1	1													
1													2	
<=2												3		
2	1						5	1						
<=4										2				
4	2											1		
<=8					3									
8		3								3				
16		1												
32		1			1									
>32														1
64											2			
>64	1											1		
>128					1									
256											1			

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	1	1	0	0	2	1	0	0	0	0	2	1	0	1
MIC														
>1024											2			

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	0	0	0	0	1	1	0	0	0	0	1	1	0	0
MIC														
<=0.015						2								
<=0.03									6					
0.03						3								
<=0.25			6										3	5
<=0.5				5				6						
0.5						1							1	1
<=1	3						2							
1				1									2	
<=2												3		
2							4							
<=4										3				
4	3	1										2		
<=8					3									
8		1								2				
16		4			2					1	1			
32											2			
64											2			
>64												1		
>128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	1	0	1
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2										2	1
<=0.5				2				2						
<=1	2													
<=2												1		
2							2							
<=4										2				
<=8					2									
8		2												
32											1			
>32														1
64												1		
1024											1			

Table Antimicrobial susceptibility testing of Salmonella Bredeney in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									2					
0.03						2								
<=0.25			2										2	1
<=0.5				2				2						
0.5														1
<=1	2						2							
<=2												2		
<=8					2									
8		2								2				
64											2			

Table Antimicrobial susceptibility testing of Salmonella Bredeney in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2										2	2
<=0.5				2										
<=1	2													
1								2						
<=2												2		
2							2							
<=4										2				
<=8					2									
8		2												
32											2			

Table Antimicrobial susceptibility testing of Salmonella Bredeney in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	1	1	0	1
MIC														
<=0.015						1								
<=0.03									2					
<=0.25			2										1	
<=0.5				2				2						
0.5						1							1	1
<=1	1													
<=2												1		
2	1						2							
<=4										1				
<=8					2									
8		1												
16		1												
32											1			
>32														1
>64												1		
>128										1				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Bredeney in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									4					
0.03						3								
<=0.25			4										4	4
<=0.5				4				4						
<=1	4													
<=2												4		
2							4							
<=4										4				
<=8					4									
8		3												
16		1												
32											2			
64											1			
128											1			

Table Antimicrobial susceptibility testing of Salmonella Bredeney in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	1	0	1
MIC														
<=0.03									3					
0.03						3								
<=0.25			3										3	2
<=0.5				3				2						
<=1	3													
<=2												2		
2							3	1						
<=4										3				
<=8					3									
8		3												
32											2			
>32														1
64												1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Cerro in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									2					
<=0.25			2										2	1
0.25						1								
<=0.5				2				2						
0.5														1
<=1	2													
<=2												2		
2							2							
<=4										1				
<=8					2									
8		2												
16										1				
32											1			
64												1		

Table Antimicrobial susceptibility testing of Salmonella Chester in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Choleraesuis in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	1	1
MIC														
0.03						1								
0.064								1						
<=0.25			1											
<=0.5				1				1						
<=1							1							
2													1	
<=8					1									
8		1								1				
>32														1
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Corvallis in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	6	0	0	0	0	6	0	0	0	0	0	0	0	0
MIC														
<=0.03									6					
<=0.25			6										6	6
0.25						6								
<=0.5				6				6						
<=2												6		
2							6							
4		3												
<=8					6									
8		3								6				
32											6			
>64	6													

Table Antimicrobial susceptibility testing of Salmonella Corvallis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	10	10	10	10	10	10	10	10	10	10	10	10	10	10
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						9								
<=0.03									10					
0.064						1								
<=0.25			10										10	9
<=0.5				10				9						
0.5														1
<=1	9						2							
<=2												10		
2							8	1						
<=4										10				
4	1	8												
<=8					10									
8		2												
32											10			

Table Antimicrobial susceptibility testing of Salmonella Corvallis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	8	8	8	8	8	8	8	8	8	8	8	8	8	8
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						6								
<=0.03									8					
0.03						1								
0.064						1								
<=0.25			8										8	6
<=0.5				8				8						
0.5														2
<=1	6						6							
<=2												8		
2	2						2							
<=4										6				
4		5												
<=8					8									
8		3								2				
32											7			
64											1			

Table Antimicrobial susceptibility testing of Salmonella Derby in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	22	22	22	22	22	22	22	22	22	22	22	22	22	22
N of resistant isolates	1	0	0	0	1	1	0	2	0	0	8	13	0	7
MIC														
<=0.015						11								
<=0.03									12					
0.03						10								
0.064									10					
<=0.25			21										13	4
<=0.5				21				18						
0.5			1			1							9	11
<=1	12						17							
1				1				2						
<=2												4		
2	9						5							
<=4										20				
<=8					5									
8		20								1		5		
16		2			16					1	3			
32											9			
>32								2						7
64											2	3		
>64	1											10		
>128					1									
>1024											8			

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	22	22	22	22	22	22	22	22	22	22	22	22	22	22
N of resistant isolates	5	0	0	0	2	3	0	2	0	1	5	16	0	5
MIC														
<=0.015						17								
<=0.03									22					
0.03						2								
<=0.25			22										18	14
0.25						1								
<=0.5				22				19						
0.5						1							2	3
<=1	15						22							
1						1		1					2	
<=2												5		
2	2													
<=4										19				
4		4												
<=8					18									
8		18								1		1		
16					2					1	3	1		
32											12			
>32								2						5
64											2	8		
>64	5											7		
128					1									
>128					1					1				

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	22	22	22	22	22	22	22	22	22	22	22	22	22	22
MIC N of resistant isolates	5	0	0	0	2	3	0	2	0	1	5	16	0	5
>1024											5			

Table Antimicrobial susceptibility testing of Salmonella Derby in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
N of resistant isolates	38	0	0	0	0	40	0	0	0	40	0	0	0	0	
MIC															
<=0.03									39						
0.064									1						
<=0.25			39									35	13		
0.25						1									
<=0.5				39					34						
0.5			1				37					5	23		
<=1	2							2							
1				1			2	6							
<=2												40			
2							38								
4			1												
<=8					16										
8			25												
16			14			24						7			
32										39	33				
64											1				
>64	38														

Table Antimicrobial susceptibility testing of Salmonella Derby in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	33	33	33	33	33	33	33	33	33	33	33	33	33	33
N of resistant isolates	16	0	0	0	2	15	0	0	0	7	7	7	0	6
MIC														
<=0.015						18								
<=0.03									33					
<=0.25			32										24	16
0.25						3								
<=0.5				30				32						
0.5			1			12							7	9
<=1	17													
1				3				1					2	2
<=2												26		
2							33							
<=4										18				
<=8					29									
8		30												
16		3			2					8	14			
32										7	11			
>32														6
64	2										1	2		
>64	14											5		
128					2									
>1024											7			

Table Antimicrobial susceptibility testing of Salmonella Djugu in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1										
0.5														1
<=1	1						1							
1								1						
<=2												1		
<=4										1				
8		1												
16					1									
128											1			

Table Antimicrobial susceptibility testing of Salmonella Djugu in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
<=0.015						3								
<=0.03									3					
<=0.25			3										2	1
<=0.5				3				2						
0.5													1	2
<=1	3						2							
1								1						
<=2												2		
2							1							
<=4										3				
<=8					3									
8		3												
32											1			
64											2			
>64												1		

Table Antimicrobial susceptibility testing of Salmonella Dublin in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	1	2	0	0	1	0	0	0	0
MIC														
<=0.015						1								
<=0.03									3					
0.03						1								
<=0.25			3										3	3
0.25						1								
<=0.5				3				3						
<=1	3													
<=2												3		
2							1							
<=4										2				
4		1					2							
<=8					3									
8		2												
16											1			
32											1			
64											1			
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Eko in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
<=0.03									1					
0.064						1								
<=0.25			1											
<=0.5								1						
1				1									1	1
2	1						1							
8										1				
16		1			1									
32											1			
>64												1		

Table Antimicrobial susceptibility testing of *Salmonella enterica*, subspecies *arizonae* in *Gallus gallus* (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2										1	1
<=0.5				2				2						
0.5													1	1
<=1	2						2							
<=2												2		
<=4										2				
4		1												
<=8					2						2			
8		1												

Table Antimicrobial susceptibility testing of *Salmonella enterica*, subspecies *enterica* in *Gallus gallus* (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1										
0.5														1
<=1	1													
1								1						
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of *Salmonella enterica*, subspecies *salamae* in *Gallus gallus* (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1										1	1
<=0.5				1				1						
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			
>64	1													

Table Antimicrobial susceptibility testing of *Salmonella enterica*, subspecies *salmatae* in *Gallus gallus* (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25														1
<=0.5				1				1						
0.5			1										1	
<=1	1													
<=2												1		
2							1							
<=4										1				
8		1												
16					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes
Programme Code: OTHER AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	1	0	0
MIC														
<=0.03									2					
0.064						1								
0.12						1								
<=0.25			2										1	
<=0.5				1				2						
0.5													1	2
<=1	1						1							
1				1										
<=2												1		
2	1						1							
4		1												
<=8					2									
8										1				
16		1												
32											1			
64											1			
>64												1		
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
0.5						1								
<=1							1							
<=2												1		
2	1													
<=8					1									
8		1												
16										1				
64											1			

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	1	0	0	1	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1										1	1
<=0.5				1										
0.5						1								
1								1						
<=2												1		
2	1													
4							1							
<=8					1									
8		1												
16											1			
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	3	3	0	0	3	0	0	0	0
MIC														
<=0.015						1								
<=0.03									4					
<=0.25			4										4	4
0.25						2								
<=0.5				4				4						
0.5						1								
<=1	2													
<=2												4		
2	2						1							
<=4										1				
4							3							
<=8					4									
8		4												
16											4			
>128										3				

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	1	1	0	0	1	0	0	0	0
MIC														
<=0.015						1								
<=0.03									3					
0.03						1								
<=0.25			3										3	3
0.25						1								
<=0.5				3				2						
<=1	3						1							
<=2												3		
2							1	1						
<=4										2				
4							1							
<=8					3									
8		3												
16											2			
32											1			
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	30	30	30	30	30	30	30	30	30	30	30	30	30	30
N of resistant isolates	0	0	0	0	0	8	11	0	0	8	0	0	0	0
MIC														
<=0.015						11								
<=0.03								30						
0.03						11								
<=0.25			30										29	26
0.25						7								
<=0.5				30				30						
0.5						1							1	3
<=1	25						3							
1														1
<=2												30		
2	5						16							
<=4										22				
4		5					10							
<=8					29						1			
8		25					1							
16					1						10			
32											19			
>128										8				

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Gaminara in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Give in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											1
<=0.5				1				1						
0.5													1	
2							1							
<=4										1				
8		1												
>64	1											1		
128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Give in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MIC														
<=0.03									2					
0.03						2								
<=0.25			2										2	1
<=0.5				2				2						
0.5														1
<=1	2						2							
<=2												2		
<=4										2				
<=8					2									
8		2												
16											1			
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	4	0	0	0	0	4	0	1	0	4	1	4	0	1
MIC														
<=0.03									4					
0.03						1								
0.064									1					
<=0.25			4										2	3
<=0.5				3				2						
0.5			1			3							2	1
<=1	1						4							
1				1				2					1	
<=2												1		
2				1		1	1							
<=4										1				
<=8					3						1			
8		4												
16		1			2									
32								1			1			
>32														1
64										1	1			
>64	4											4		
128											1			
>128										3				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	1
MIC														
<=0.015						2								
<=0.03									3					
0.03						1								
<=0.25			3										2	2
<=0.5				3				3						
<=1	2						3							
1													1	
<=2												2		
<=4										3				
4		2												
<=8					3									
8		1												
>32														1
64											2			
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
16											1			

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
4		1												
<=8					1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Hadar in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	0	0	0	0	0	5	0	0	0	5	0	3	0	0
MIC														
<=0.03									6					
0.03						1								
<=0.25			5										3	4
0.25						2								
<=0.5				6				5						
0.5			1			1							3	2
<=1	4						1							
1						2		1						
<=2							5					3		
2														
<=4										1				
4	2	2												
<=8					4						3			
8		2												
16		2			2						1			
32											2			
64												3		
>128										5				

Table Antimicrobial susceptibility testing of Salmonella Hadar in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	0	1	0	0
MIC														
<=0.03									1					
<=0.25			1											1
0.25						1								
<=0.5				1				1						
0.5													1	
<=1							1							
<=8					1									
8		1												
32											1			
64												1		
>64	1													
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Havana in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	2	0	0	0	1	0	0	0	0
MIC														
<=0.03									3					
0.03						2								
0.064									1					
<=0.25			3										1	3
<=0.5				4				4						
0.5			1			1							3	1
<=1	1													
1						1								
<=2												4		
2	3						4							
<=4										1				
<=8					1									
8		3								1				
16		1			3					1	1			
32										1	3			

Table Antimicrobial susceptibility testing of Salmonella Havana in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1											
<=0.5								1						
0.5													1	1
1				1		1								
2	1						1							
4												1		
16		1			1									
32										1	1			

Table Antimicrobial susceptibility testing of Salmonella Havana in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
<=0.015						1								
<=0.03									2					
<=0.25			2										1	1
<=0.5				1				2						
0.5													1	1
<=1	1													
1				1		1								
<=2												1		
2							2							
<=4										1				
4	1											1		
<=8					1									
8		1												
16		1			1									
32										1	2			

Table Antimicrobial susceptibility testing of Salmonella Havana in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									4					
0.03						2								
<=0.25			4										4	4
<=0.5				4				4						
<=1	4													
<=2												4		
2							4							
<=4										4				
<=8					4									
8		4												
16											2			
32											2			

Table Antimicrobial susceptibility testing of Salmonella Hessarek in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1							1							
<=2												1		
2	1													
<=4										1				
16		1			1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Hindmarsh in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03								2						
<=0.25			2										2	2
<=0.5				2				2						
<=1	2													
<=2												2		
2							2							
<=4										2				
<=8					2									
8		2												
32											2			

Table Antimicrobial susceptibility testing of Salmonella I 4,12:b:- in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=2												1		
2	1						1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella I 4,12:b:- in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=2												1		
2							1							
<=4										1				
4	1													
8		1												
16					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella I 4,12:d:- in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1											1
<=0.5				1				1						
0.5													1	
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
128											1			

Table Antimicrobial susceptibility testing of Salmonella I 4,12:d:- in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella I 4,12:d:- in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1										
<=1	1													
1								1						
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella II 1,13,23:l,z28:z42 in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											1
<=0.5				1				1						
0.5													1	
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Indiana in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
<=0.015						1								
<=0.03								2						
<=0.25			2										1	2
<=0.5				2				2						
<=1	1													
1						1							1	
<=2												1		
2							2							
<=4										1				
4	1	1										1		
<=8					1									
16		1			1						1			
32											1			
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Indiana in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1										1	1
0.25						1								
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=8					1						1			
8		1												
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Indiana in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=8					1									
8		1								1				
32											1			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
N of resistant isolates	0	0	0	0	0	13	0	0	0	13	12	12	0	11	
MIC															
<=0.03									14						
0.03						1									
<=0.25			13										2	2	
<=0.5				11					14						
0.5			1				10						6	1	
<=1	10							1							
1				3			3						6		
<=2												2			
2	3														
<=4										1					
4	1	2													
<=8					12										
8			10												
16			2			2									
32										1	2				
>32														11	
>64												12			
>128											12				
>1024											12				

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim		
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2		
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25		
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32		
N of tested isolates	38	38	38	38	38	38	38	38	38	38	38	38	38	38		
N of resistant isolates	0	0	0	0	0	29	0	0	0	29	24	24	0	14		
MIC																
<=0.03									38							
0.03						9										
<=0.25			37									11	18			
0.25						1										
<=0.5				33				35								
0.5			1				20					19	6			
<=1	14							3								
1				5			7	3								
<=2												14				
2	20							35								
<=4										9						
4	4															
<=8					24							1				
8			21													
>8						1										
16				17			14							2		
32											10					
>32												14				
>64												24				
128											1					
>128										29						
>1024											24					

Table Antimicrobial susceptibility testing of Salmonella Infantis in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
4		1												
<=8					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MIC															
<=0.015						3									
<=0.03									14						
0.03						11									
<=0.25			14									14	10		
<=0.5				14					12						
0.5														4	
<=1	10							8							
1								2							
<=2												14			
2	4						6								
<=4										14					
<=8					14										
8			13												
16			1												
32											8				
64											4				
128											1				

Table Antimicrobial susceptibility testing of Salmonella Isangi in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						3								
<=0.03									6					
0.03						3								
<=0.25			6										6	2
<=0.5				6				6						
0.5														4
<=1	6						2							
<=2												6		
2							4							
<=4										6				
<=8					6									
8		6												
64											6			

Table Antimicrobial susceptibility testing of Salmonella Isangi in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Isangi in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									2					
0.03						1								
<=0.25			2										2	
<=0.5				2				2						
0.5														2
<=1	2						1							
<=2												2		
2							1							
<=4										2				
<=8					2									
8		1												
16		1												
32											1			
64											1			

Table Antimicrobial susceptibility testing of Salmonella Kapemba in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	1	0	0	0	1	3	0	0	0	3	1	1	0	3
MIC														
<=0.03									1					
0.064									2					
<=0.25			3										2	
<=0.5				3										
0.5						2							1	
<=1	2						1							
1								3						
<=2												2		
2						1	2							
4		1												
<=8					2									
8		2												
16											1			
32											1			
>32														3
>64	1											1		
>128					1					3				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Kapemba in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	10	10	10	10	10	10	10	10	10	10	10	10	10	10
N of resistant isolates	2	0	0	0	4	10	0	0	0	10	5	4	0	10
MIC														
<=0.03									10					
<=0.25			10										7	
<=0.5				9				4						
0.5						6							3	
<=1	7						2							
1				1		1		6						
<=2												5		
2						3	8							
4	1	7										1		
<=8					5									
8		2												
16		1			1									
32											3			
>32														10
64											2			
>64	2											4		
>128					4					10				
>1024											5			

Table Antimicrobial susceptibility testing of Salmonella Kapemba in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	1
MIC														
<=0.03									1					
<=0.25			1										1	
<=0.5				1										
0.5						1								
<=1	1													
1								1						
<=2												1		
2							1							
<=8					1									
8		1												
16											1			
>32														1
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Kedougou in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	0	0	0	1	1	0	1
MIC														
0.064									1					
<=0.25			1											
0.25						1								
<=0.5				1				1						
0.5													1	
<=1							1							
8		1								1				
>32														1
>64	1											1		
>128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Kedougou in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes
Programme Code: OTHER AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	1
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
2							1							
<=4										1				
4		1												
<=8					1									
>32														1
>64	1												1	
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Kedougou in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03								2						
0.064						1								
<=0.25			2										2	
<=0.5				2				2						
0.5														2
<=1	1													
<=2												2		
2	1						2							
<=4										1				
<=8					2									
8		2								1				
32											1			
128											1			

Table Antimicrobial susceptibility testing of Salmonella Kedougou in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	1	0	0	1	1	0	1
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1											
<=0.5				1										
0.5														1
2							1							
<=4										1				
8		1												
32								1						
>32														1
>64	1											1		
128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Kedougou in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	1	0	0	0	1	1	0	0	0	0	2	1	0	2
MIC														
<=0.015						1								
<=0.03									2					
<=0.25			2										2	
<=0.5				2				2						
0.5						1								
<=1	1						1							
<=2												1		
2							1							
<=4										1				
<=8					1									
8		2								1				
>32														2
>64	1											1		
>128					1									
>1024											2			

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes
Programme Code: OTHER AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	1	0	1	0	1	1	1	1	1
MIC														
0.064									1					
0.5			1											
<=1							1							
1				1										
2													1	
>8						1								
>32								1						1
>64	1	1										1		
>128					1					1				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	1	0	0	0	0	2	0	1	0	2	1	1	0	1
MIC														
<=0.03									3					
0.03						1								
<=0.25			3										2	2
<=0.5				3				2						
<=1	2						1							
1													1	
<=2												2		
2							2							
<=4										1				
<=8					3									
8		3												
>8						2								
16								1						
32											1	1		
>32														1
64	1										1			
>128										2				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	1	0	0	0	0	2	0	1	0	1	2	2	0	1
MIC														
<=0.03									2					
<=0.25			2											
<=0.5				1				1						
0.5						1								1
1				1									2	
2	1						2							
>8						1								
16		2			2					1				
32								1						
>32														1
>64	1											2		
>128										1				
>1024											2			

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	1	0	0	0	1	2	0	2	0	2	1	2	0	0
MIC														
<=0.03									2					
<=0.25			2											2
<=0.5				2										
0.5													1	
<=1	1													
1													1	
2							2							
4		2												
<=8					1									
8						2								
16								1			1			
32	1							1						
64												2		
>128					1					2				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	1	0	0	0	0	4	0	1	0	4	1	2	0	0
MIC														
<=0.015						1								
<=0.03									5					
<=0.25			5										3	4
<=0.5				5				3						
0.5													2	1
<=1	4													
1								1						
<=2												3		
2							5							
<=4										1				
4		2												
<=8					5									
8		3				2								
>8						2								
32								1			3			
64											1	2		
>64	1													
>128										4				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Kolda in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	2	0	0
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2											2
<=0.5				2				1						
0.5													2	
<=1	2						2							
1								1						
<=4										2				
<=8					2									
8		2												
32											2			
>64												2		

Table Antimicrobial susceptibility testing of Salmonella Kouka in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Lexington in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes
Programme Code: OTHER AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
128											1			

Table Antimicrobial susceptibility testing of Salmonella Lisboa in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03						1								
0.064									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
128											1			

Table Antimicrobial susceptibility testing of Salmonella Litchfield in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Liverpool in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=2												1		
2	1						1							
<=4										1				
4		1												
<=8					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1						1			

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2										2	
<=0.5				2				1						
0.5														2
<=1	2													
<=2												2		
2							2	1						
<=4										2				
<=8					2									
8		2												
32											2			

Table Antimicrobial susceptibility testing of Salmonella Llandoff in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5								1						
1				1										
<=2												1		
2	1						1							
<=4										1				
4		1												
<=8					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella London in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
<=0.015						2								
<=0.03									5					
0.03						2								
<=0.25			5										5	1
<=0.5				5				4						
0.5						1								4
<=1	5						5							
1								1						
<=2												4		
<=4										4				
4		1											1	
<=8					5									
8		3												
16		1									1			
32										1	1			
64											1			
128											2			

Table Antimicrobial susceptibility testing of Salmonella London in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella London in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella London in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
4		1												
<=8					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella London in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									3					
0.03						1								
<=0.25			3										3	1
<=0.5				3				3						
0.5														2
<=1	3						1							
<=2												3		
2							2							
<=4										3				
4		3												
<=8					3									
64											2			
128											1			

Table Antimicrobial susceptibility testing of Salmonella London in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	2	0	0	0	0	2	0	0	0	1	1	0	0	0
MIC														
<=0.015						2								
<=0.03									5					
0.03						1								
<=0.25			5										5	2
<=0.5				5				5						
0.5						2								3
<=1	3						1							
<=2												5		
2							4							
<=4										3				
4		4												
<=8					5									
8		1												
16										1	1			
32										1				
64											2			
>64	2													
128											1			
1024											1			

Table Antimicrobial susceptibility testing of Salmonella London in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella London in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	3	0	0	0	0	0	0	0	0	0	3	3	0	0
MIC														
<=0.03									4					
0.03						4								
<=0.25			4										1	3
<=0.5				4				4						
0.5													3	1
<=1	1						2							
<=2												1		
2							2							
<=4										4				
<=8					4									
8		4												
32											1			
>64	3											3		
>1024											3			

Table Antimicrobial susceptibility testing of Salmonella Marburg in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Mbandaka in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
<=0.015						5								
<=0.03									5					
<=0.25			5										4	4
<=0.5				5				4						
0.5													1	1
<=1	4						5							
1								1						
<=2												4		
<=4										5				
4		1												
<=8					5									
8		4												
64											3			
>64	1											1		
128											1			
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Mbandaka in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1										
<=1	1						1							
1								1						
<=2												1		
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Mbandaka in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Mbandaka in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						3								
<=0.03									4					
0.03						1								
<=0.25			4										4	4
<=0.5				4				3						
<=1	4						2							
1								1						
<=2												4		
2							2							
<=4										4				
<=8					3									
8		4												
16					1									
32											2			
64											2			

Table Antimicrobial susceptibility testing of Salmonella Meleagridis in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	2	0	0	0	0	0	0	0	0	0	2	3	0	1
MIC														
<=0.015						1								
<=0.03									6					
0.03						5								
<=0.25			6										3	4
<=0.5				5				5						
0.5													2	1
<=1	3						3							
1				1				1					1	
<=2												3		
2	1						3							
<=4										6				
<=8					6									
8		6												
16											2			
32											1			
>32														1
>64	2											3		
128											1			
>1024											2			

Table Antimicrobial susceptibility testing of Salmonella Meleagridis in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Meleagridis in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0	0	1	0	1
MIC														
<=0.03									1					
0.03						1								
<=0.25			1											
<=0.5				1				1						
0.5													1	
2							1							
<=4										1				
16											1			
32		1												
>32														1
>64	1											1		
>128					1									

Table Antimicrobial susceptibility testing of Salmonella Meleagridis in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=1	1						1							
1				1				1						
<=2												1		
<=4										1				
<=8					1									
16		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Menden in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
MIC															
<=0.03									1						
0.03						2									
0.064									1						
<=0.25			2												2
<=0.5				2											
0.5														2	
<=1	2							1							
<=2														2	
2							1								
<=4												2			
4											1				
<=8							2								
8											1				
64													1		
>1024													1		

Table Antimicrobial susceptibility testing of Salmonella Mikawasima in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Mikawasima in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									2					
0.03						1								
<=0.25			2										2	1
<=0.5				2				2						
0.5														1
<=1	1													
<=2												2		
2	1						2							
<=4										2				
4		1												
<=8					2									
8		1												
32											1			
64											1			

Table Antimicrobial susceptibility testing of Salmonella Mikawasima in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	2	0	0	0	0	1	0	0	0	0	0	0	0	0
MIC														
<=0.015						3								
<=0.03									5					
0.03						1								
<=0.25			5										5	4
<=0.5				5				5						
0.5						1								
<=1	3													
1														1
<=2												5		
2							5							
<=4										4				
<=8					5						1			
8		5												
16										1	1			
32											3			
>64	2													

Table Antimicrobial susceptibility testing of Salmonella Mikawasima in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=2												1		
2	1						1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Mikawasima in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									3					
0.03						3								
<=0.25			3										3	2
<=0.5				3				3						
0.5														1
<=1	3						3							
<=2												3		
<=4										3				
<=8					3									
8		3												
32											1			
64											2			

Table Antimicrobial susceptibility testing of Salmonella Mikawasima in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									5					
0.03						4								
<=0.25			5										5	3
<=0.5				5				4						
0.5														2
<=1	4						2							
1								1						
<=2												5		
2							3							
<=4										5				
4	1													
<=8					5									
8		5												
32											4			
64											1			

Table Antimicrobial susceptibility testing of Salmonella Mishmarhaemek in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes
Programme Code: OTHER AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
0.064									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Mishmarhaemek in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	1
MIC														
<=0.015						2								
<=0.03								2						
<=0.25			2										2	1
<=0.5				2				2						
<=1	2													
<=2												2		
2							2							
<=4										2				
<=8					2									
8		2												
>32														1
64											1			
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Mishmarhaemek in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Mishmarhaemek in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Montevideo in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									3					
0.03						1								
<=0.25			3										3	2
<=0.5				3				3						
0.5														1
<=1	3						2							
<=2												3		
2							1							
<=4										3				
<=8					3									
8		3												
32											1			
64											1			
256											1			

Table Antimicrobial susceptibility testing of Salmonella Montevideo in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									3					
0.03						1								
<=0.25			3										3	3
<=0.5				3				3						
<=1	3													
<=2												3		
2							3							
<=4										3				
4		1												
<=8					3						1			
8		2												
32											2			

Table Antimicrobial susceptibility testing of Salmonella Montevideo in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1										
<=1	1													
1								1						
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Montevideo in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=2												1		
2	1													
<=4										1				
<=8					1									
8		1												
16											1			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									3					
0.03						3								
<=0.25			3										2	3
<=0.5				2				3						
0.5													1	
<=1	2						1							
1				1										
<=2												3		
2	1						2							
<=4										3				
4		1												
<=8					3									
8		2												
64											3			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes
Programme Code: OTHER AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	1	0	1
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
<=1	1													
2							1							
<=4										1				
<=8					1									
8		1												
>32														1
>64												1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	7	7	7	7	7	7	7	7	7	7	7	7	7	7
N of resistant isolates	0	0	0	0	0	2	0	0	0	2	1	1	0	1
MIC														
<=0.015						1								
<=0.03									7					
0.03						4								
<=0.25			7										6	3
0.25						1								
<=0.5				7				7						
0.5						1								3
<=1	6													
1													1	
<=2												6		
2							7							
<=4										4				
4	1	4												
<=8					7									
8		3								1				
32											4			
>32														1
64											2			
>64												1		
>128										2				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
MIC															
<=0.03										2					
0.03						2									
<=0.25			2										2	2	
<=0.5				2					2						
<=1	2							1							
<=2												2			
2							1								
<=4										2					
4			2												
<=8					2										
64											1				
>1024											1				

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Industry sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									2					
0.03						1								
<=0.25			2										2	2
<=0.5				2				2						
<=1	2													
<=2												2		
2							2							
<=4										2				
4		2												
<=8					2									
32											2			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									2					
0.03						2								
<=0.25			2										2	2
<=0.5				2				1						
<=1	2													
1								1						
<=2												2		
2							2							
<=4										2				
4		2												
<=8					2									
64											2			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
4		1												
<=8					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
4		1												
<=8					1									
64											1			

Table Antimicrobial susceptibility testing of Salmonella Muenchen in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Muenster in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	3	0	0	0	2	0	0	0	0
MIC														
<=0.03									2					
0.064									1					
<=0.25			3										3	1
<=0.5				3				3						
0.5						3								2
<=1	3						1							
<=2												3		
2							2							
4		2												
<=8					3									
8		1												
16										1				
32										2	2			
64											1			

Table Antimicrobial susceptibility testing of Salmonella Ndolo in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Ndolo in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Newport in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1										
1								1						
<=2												1		
2	1						1							
<=4										1				
4		1												
<=8					1									
16											1			

Table Antimicrobial susceptibility testing of Salmonella Newport in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									2					
0.03						1								
<=0.25			2										1	2
<=0.5				2				1						
0.5													1	
<=1	2													
1								1						
<=2												2		
2							2							
<=4										2				
4		1												
<=8					2									
8		1												
16											1			
64											1			

Table Antimicrobial susceptibility testing of Salmonella Newport in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Newport in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	1	0	0
MIC														
<=0.015						2								
<=0.03									3					
0.12						1								
<=0.25			3										3	2
<=0.5				3				2						
0.5														1
<=1	2													
1								1						
<=2												2		
2	1						3							
<=4										1				
<=8					3									
8		3								1				
32											1			
64											1			
>64												1		
128											1			
>128										1				

Table Antimicrobial susceptibility testing of Salmonella Niloese in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	0	0	0	1
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
<=1							1							
<=4										1				
8		1										1		
32					1						1			
>32														1
>64	1													

Table Antimicrobial susceptibility testing of Salmonella Noya in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	0	0	0	0	0	0	0	2	0	0
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2										1	1
<=0.5				2										
0.5													1	1
<=1							2							
1								2						
<=4										2				
4		1												
<=8					2									
8		1												
16											2			
64													1	
>64	2												1	

Table Antimicrobial susceptibility testing of Salmonella Offa in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Offa in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1						1			
8		1												

Table Antimicrobial susceptibility testing of Salmonella Offa in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
4		1												
<=8					1						1			

Table Antimicrobial susceptibility testing of Salmonella Ohio in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1										
0.5														1
<=1	1													
1								1						
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Ohio in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
16											1			

Table Antimicrobial susceptibility testing of Salmonella Ohio in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	0	1	0	0	
MIC															
<=0.03									4						
0.03						2									
0.064						1									
<=0.25			4										2	2	
<=0.5				3					3						
0.5						1								2	
<=1	3						4								
1				1					1					2	
<=2												2			
2	1														
<=4										2					
4												1			
<=8					3										
8			3								1				
16			1			1				1	2				
32											2				
>64												1			

Table Antimicrobial susceptibility testing of Salmonella Ohio in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
MIC															
<=0.015						3									
<=0.03									7						
0.03						3									
<=0.25			7							5				7	6
<=0.5				7						5					
0.5						1								1	
<=1	6							2							
1								1							
<=2												7			
2	1							5	1						
<=4										6					
<=8					7										
8			7												
16										1	1				
32											6				

Table Antimicrobial susceptibility testing of Salmonella Ohio in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MIC														
<=0.015						2								
<=0.03									5					
0.03						3								
<=0.25			5										5	
<=0.5				5				4						
0.5														5
<=1	4						4							
<=2												5		
2	1						1	1						
<=4										5				
<=8					5									
8		5												
32											3			
64											1			
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Orion in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2										2	2
<=0.5				2										
<=1	2													
1								2						
<=2												2		
2							2							
<=4										2				
4		2												
<=8					2									
32											2			

Table Antimicrobial susceptibility testing of Salmonella Other serovars in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	1
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1										
<=1							1							
1								1						
8		1								1				
>32														1
>64	1											1		
>128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Panama in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	1	0	0	0	0	1	0	0	0	0	1	1	0	1
MIC														
<=0.015						1								
<=0.03									2					
<=0.25			2										1	1
<=0.5				2				2						
0.5						1								
<=1	1						1							
1													1	
<=2												1		
2							1							
<=4										1				
4		1												
<=8					2									
8		1												
16										1				
>32														1
64											1			
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Poona in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Reading in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
16											1			

Table Antimicrobial susceptibility testing of Salmonella Rissen in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	23	23	23	23	23	23	23	23	23	23	23	23	23	23
N of resistant isolates	18	3	0	0	15	13	0	12	0	13	19	23	0	19
MIC														
<=0.015						3								
<=0.03									21					
0.03						6								
0.064						1			1					
0.12						1			1					
<=0.25			23										1	1
0.25						3								
<=0.5				21				8						
0.5						9							16	3
<=1	1						11							
1				2				2					6	
2	4						12	1						
<=4										8				
<=8					4									
8		12								2				
16		8			4						1			
32										1	3			
>32								12						19
64		1			3									
>64	18	2										23		
128					1					1				
>128					11					11				

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	23	23	23	23	23	23	23	23	23	23	23	23	23	23
N of resistant isolates	18	3	0	0	15	13	0	12	0	13	19	23	0	19
MIC														
512											2			
1024											1			
>1024											16			

Table Antimicrobial susceptibility testing of Salmonella Rissen in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	45	45	45	45	45	45	45	45	45	45	45	45	45	45
N of resistant isolates	33	3	0	0	20	21	0	13	0	14	29	37	0	32
MIC														
<=0.015						15								
<=0.03									45					
0.03						9								
0.12						1								
<=0.25			45										8	10
0.25						10								
<=0.5				45				31						
0.5						8							27	3
<=1	8						42							
1						1		1					10	
<=2												8		
2	4						3							
<=4										25				
4		1												
<=8					24									
8		35												
>8						1								
16		6			1					6	3			
32										1	9			
>32								13						32
64		1			1						4	1		
>64	33	2											36	

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	45	45	45	45	45	45	45	45	45	45	45	45	45	45
N of resistant isolates	33	3	0	0	20	21	0	13	0	14	29	37	0	32
MIC														
128					6									
>128					13					13				
>1024											29			

Table Antimicrobial susceptibility testing of Salmonella Rissen in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	0	1	0	0
MIC														
<=0.03									1					
<=0.25			1											
<=0.5				1				1						
0.5						1								1
1													1	
2	1						1							
<=8					1									
8		1												
16										1				
32											1			
64												1		

Table Antimicrobial susceptibility testing of Salmonella Rissen in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Saintpaul in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									
8		1												
>64	1											1		
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1										1	1
0.25						1								
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=8					1									
8		1												
16										1				
32											1			

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes
Programme Code: OTHER AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
16											1			

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	12	12	12	12	12	12	12	12	12	12	12	12	12	12
N of resistant isolates	0	0	0	0	2	11	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									12					
<=0.25			12										11	5
0.25						11								
<=0.5				12				11						
0.5													1	7
<=1	12													
1								1						
<=2												12		
2							12							
<=4										1				
4		8												
<=8					10									
8		4								1				
16										10	2			
32											8			
64											2			
>128					2									

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
<=0.25			1										1	1
0.25						1								
<=0.5				1				1						
<=2												1		
2							1							
4		1												
<=8					1									
16										1				
32											1			
>64	1													

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
2							1							
<=4										1				
<=8					1						1			
8		1												
32												1		

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON pn12

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent
Ceftazidime synergy test	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent	Positive/Pres ent
ECOFF	0.12	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
<=0.015							1			
<=0.03									1	
0.12			1							
0.25								1		
0.5						1				
4				1						
8					1					1
32	1									
>64		1								

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	1	1	1	1	0	0	0	0	1	1	0	1
MIC														
<=0.03									1					
0.25						1								
<=0.5								1						
0.5													1	
2							1							
>4			1											
8		1		1						1				
>32														1
>64	1											1		
>128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Stanleyville in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1										
<=1							1							
<=2												1		
2	1							1						
<=4										1				
<=8											1			
8		1												
16					1									

Table Antimicrobial susceptibility testing of Salmonella Taksony in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	1
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1											
<=0.5				1				1						
<=1							1							
1													1	
<=4										1				
8		1												
>32														1
>64	1											1		
128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Taksony in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
4		1												
<=8					1									
16											1			

Table Antimicrobial susceptibility testing of Salmonella Tennessee in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Tennessee in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Tennessee in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Thompson in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									2					
0.03						1								
<=0.25			2										1	1
<=0.5				2				1						
0.5													1	1
<=1	2						1							
1								1						
<=2												2		
2							1							
<=4										1				
<=8					2									
8		2								1				
32											2			

Table Antimicrobial susceptibility testing of Salmonella Tilburg in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
N of resistant isolates	0	0	0	0	0	0	0	1	0	0	1	0	0	0	
MIC															
<=0.03									1						
0.064						1									
<=0.25													1		
<=0.5				1											
0.5			1												
<=1							1								
1												1			
<=2												1			
2	1														
<=8					1										
8										1					
16			1												
>32								1							
>1024											1				

Table Antimicrobial susceptibility testing of Salmonella Toulon in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
4		1												
<=8					1									
32											1			

Table Antimicrobial susceptibility testing of Salmonella Toulon in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						6								
<=0.03									6					
<=0.25			6										5	5
<=0.5				6				6						
0.5													1	1
<=1	6						1							
<=2												6		
2							5							
<=4										6				
<=8					5									
8		6												
16					1									
32											1			
64											5			

Table Antimicrobial susceptibility testing of Salmonella Toulon in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=2												1		
2	1						1							
<=4										1				
<=8					1									
8		1												
64											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	13	13	13	13	13	13	13	13	13	13	13	13	13	13
N of resistant isolates	12	0	0	0	9	8	0	0	0	8	12	12	0	1
MIC														
<=0.03									12					
0.03						4								
0.064						1			1					
<=0.25			13										9	9
0.25						2								
<=0.5				12				10						
0.5						4							2	3
<=1							10							
1				1		1		3					2	
<=2												1		
2						1	3							
<=4										3				
4	1													
<=8					3									
8		10								1				
16		3			1					1				
32											1	1		
>32														1
64										1		6		
>64	12											5		
>128					9					7				
>1024											12			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	8	8	8	8	8	8	8	8	8	8	8	8	8	8
N of resistant isolates	8	0	0	0	3	2	0	0	0	2	8	8	0	2
MIC														
<=0.015						4								
<=0.03									7					
0.03						1								
0.064						1			1					
<=0.25			7										6	5
0.25						2								
<=0.5				8				8						
0.5			1										1	1
<=1							7							
1													1	
<=2		1												
2							1							
<=4										5				
4		6												
<=8					4									
8										1				
16		1			1									
32												1		
>32														2
64												2		
>64	8											5		
>128					3					2				

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	8	8	8	8	8	8	8	8	8	8	8	8	8	8
N of resistant isolates	8	0	0	0	3	2	0	0	0	2	8	8	0	2
MIC														
>1024											8			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	2	0	0	0	1	1	0	0	0	0	2	2	0	2
MIC														
<=0.015						1								
<=0.03									4					
0.03						2								
<=0.25			4										4	
<=0.5				4				4						
0.5						1								2
<=1	2													
<=2												2		
2							4							
<=4										2				
4		2												
<=8					3									
8		2								1				
16										1				
32											1			
>32														2
>64	2											2		
128											1			
>128					1									
>1024											2			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	1	0	0	0	0	0	2	2	0	0
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2										2	2
<=0.5				2				1						
1								1						
2							2							
<=4										2				
4		1												
<=8					1									
8		1												
>64	2											2		
128					1									
>1024											2			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						2								
0.064									1					
<=0.25			2										2	
<=0.5				2				2						
0.5														2
<=1	2						2							
<=2												2		
<=4										2				
4		1												
<=8					2									
8		1												
32											2			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	14	14	14	14	14	14	14	14	14	14	14	14	14	14
N of resistant isolates	5	1	0	0	1	1	0	0	0	0	5	4	1	2
MIC														
<=0.015						4								
<=0.03									14					
0.03						8								
0.064						1								
<=0.25			14										13	11
<=0.5				14				13						
0.5						1								1
<=1	8						3							
1								1						
<=2												10		
2	1						11						1	
<=4										12				
4		3												
<=8					13						1			
8		10												
16										2	2			
32		1									5			
>32														2
64											1	1		
>64	5											3		
>128					1									
>1024											5			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	65	65	65	65	65	65	65	65	65	65	65	65	65	65
N of resistant isolates	55	1	0	0	10	15	3	3	0	12	50	52	0	6
MIC														
<=0.015						12								
<=0.03									51					
0.03						29								
0.064						9			14					
0.12						2								
<=0.25			64										50	51
0.25						2								
<=0.5				63				50						
0.5			1			10							9	6
<=1	8						31							
1				2		1		10					6	2
<=2												11		
2	1						31	2						
<=4										33				
4	1	14										2		
<=8					49						1			
8		38					3			13				
16		12			6					7	5			
32		1			1			1		7	6			
>32								2						6
64										1	3	2		
>64	55											50		

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	65	65	65	65	65	65	65	65	65	65	65	65	65	65
N of resistant isolates	55	1	0	0	10	15	3	3	0	12	50	52	0	6
MIC														
128					1									
>128					8					4				
1024											1			
>1024											49			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Suspect sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
2							1							
<=4										1				
<=8					1						1			
8		1												
>64	1											1		

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim			
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2			
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25			
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32			
N of tested isolates	56	56	56	56	56	56	56	56	56	56	56	56	56	56			
N of resistant isolates	53	0	0	0	7	10	1	3	0	7	50	50	0	7			
MIC																	
<=0.015						18											
<=0.03										47							
0.03						21											
0.064						7					9						
<=0.25			56										41	41			
<=0.5				54						51							
0.5						8							15	7			
<=1	2												49				
1				2			2			2					1		
<=2												4					
2	1												6				
<=4										36							
4			32												2		
<=8					43							1					
8			18						1			7					
16			6				6			6	2						
32								1			6	2					
>32									2							7	
64											1						
>64	53												50				
128					3												
>128					4						1						

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	56	56	56	56	56	56	56	56	56	56	56	56	56	56
N of resistant isolates	53	0	0	0	7	10	1	3	0	7	50	50	0	7
MIC														
1024											1			
>1024											49			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=8					1									
8		1								1				
32											1			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Industry sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
N of resistant isolates	2	0	0	0	0	0	0	0	0	0	2	1	0	0	
MIC															
<=0.03									2						
0.03						2									
<=0.25			2									2	2		
<=0.5				2					1						
<=1							2								
1								1							
<=2												1			
<=4										1					
4		1													
<=8					2										
8		1													
>64	2												1		
>1024											2				

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	1	2	0	0
MIC														
<=0.03									2					
0.03						1								
<=0.25			2										1	2
0.25						1								
<=0.5				2				2						
0.5													1	
<=1	1													
2							2							
<=4										1				
<=8					2									
8		2												
16											1			
>64	1											2		
>128										1				
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Uganda in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
16											1			

Table Antimicrobial susceptibility testing of Salmonella Uganda in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
<=1	1						1							
1														1
<=2												1		
<=4										1				
4		1												
<=8					1									
16											1			

Table Antimicrobial susceptibility testing of Salmonella Uganda in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									
8		1												
32											1			

Table Antimicrobial susceptibility testing of Salmonella Umbilo in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
0.5														1
<=1	1													
<=2												1		
2							1							
<=4										1				
4		1												
<=8					1									
16											1			

Table Antimicrobial susceptibility testing of Salmonella Virchow in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	11	11	11	11	11	11	11	11	11	11	11	11	11	11
N of resistant isolates	2	0	0	0	0	11	0	2	0	11	2	2	0	2
MIC														
<=0.03									11					
<=0.25			11										9	8
0.25						6								
<=0.5				11				6						
0.5													1	1
<=1	9						4							
1						5		3					1	
<=2												9		
2							7							
4		2												
<=8					10						1			
8		9												
16					1						5			
32								1			3			
>32								1						2
>64	2											2		
>128										11				
>1024											2			

Table Antimicrobial susceptibility testing of Salmonella Virchow in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2										2	2
<=0.5				2				2						
<=1	2						1							
<=2												2		
2							1							
<=4										2				
<=8					2									
8		2												
16											2			

Table Antimicrobial susceptibility testing of Salmonella Wien in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring - EFSA specifications

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	1
MIC														
<=0.03									1					
0.03						1								
<=0.25			1										1	
<=0.5				1				1						
2							1							
4		1												
8										1				
>32														1
>64	1											1		
128					1									
>1024											1			

Table Antimicrobial susceptibility testing of Salmonella Wien in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1										
<=1	1						1							
1								1						
<=4										1				
4		1												
<=8					1									
64											1			
>64												1		

Table Antimicrobial susceptibility testing of Salmonella Wien in Gallus gallus (fowl) - laying hens - adult

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
2							1							
<=4										1				
<=8					1						1			
8		1												

Table Antimicrobial susceptibility testing of Salmonella Worthington in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Census

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
<=0.015						2								
<=0.03									2					
<=0.25			2										2	2
<=0.5				2				2						
<=2												2		
2	1						2							
<=4										2				
4	1	2												
<=8														1
16					2									1

ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain

Sampling Type: food sample - meat
 Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFS
 specifications
 Programme Code: ESB MON pn12

Sampling Details:

AM substance	Colistin		Colistin		Colistin + Clovulanic acid		Colistin		Colistin		Colistin + Clovulanic acid		Colistin		Trimoprim		Meropenem		Ticoplanin	
	Positive/ent	Negative/Abs	Positive/ent	Negative/Abs	Positive/ent	Negative/Abs	Positive/ent	Negative/Abs	Positive/ent	Negative/Abs	Positive/ent	Negative/Abs	Positive/ent	Negative/Abs	Positive/ent	Negative/Abs	Positive/ent	Negative/Abs	Positive/ent	Negative/Abs
Colofaxime synergy test	32	0	64	0	64	0	64	0	128	0	128	0	128	0	2	2	16	16	16	16
Colistin	32	0	64	0	64	0	64	0	128	0	128	0	128	0	2	2	16	16	16	16
Colistin + Clovulanic acid	32	0	64	0	64	0	64	0	128	0	128	0	128	0	2	2	16	16	16	16
Colistin	32	0	64	0	64	0	64	0	128	0	128	0	128	0	2	2	16	16	16	16
Colistin + Clovulanic acid	32	0	64	0	64	0	64	0	128	0	128	0	128	0	2	2	16	16	16	16
Trimoprim	32	0	64	0	64	0	64	0	128	0	128	0	128	0	2	2	16	16	16	16
Meropenem	32	0	64	0	64	0	64	0	128	0	128	0	128	0	2	2	16	16	16	16
Ticoplanin	32	0	64	0	64	0	64	0	128	0	128	0	128	0	2	2	16	16	16	16
N of tested isolates	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
N of resistant isolates	17	17	17	17	0	0	1	1	16	16	0	0	0	0	0	0	0	0	0	0
MIC	≤0.015																			
≤0.03																				
0.03																				
≤0.064																				
0.064																				
≤0.12																				
0.12																				
0.25																				
0.5																				
1																				
2																				
4																				
8																				
16																				
32																				
>32																				
64																				
>64																				

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain
 Sampling Details:

Sampling Type: food sample - meat
 Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications
 Programme Code: ESB1 MON

AM substance	Ampicillin	Azithromycin	Colistin	Colistin	Chloramphenicol	Chlorhexidine	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.018	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	17	17	17	17	17	17	17	17	17	17	17	17	17	17
N of resistant isolates	17	1	17	16	8	14	0	6	0	13	10	10	0	8
MIC														
<=0.015					2				17					
<=0.03					1									
<=0.25												15	4	
0.25					3									
<=0.5			1				1							
0.5													2	3
<=1							17							
1			1					9						2
<=2									1				5	
2			2											
<=4										2				
4		6	3	1		1							1	
>4					14									
<=8						8					1	1		
8		9				3				1			1	
>8				7		6								
16		1			1			1		1				
32					2			1			3			
>32								4						8
64											3	4		
>64	17	1										6		
128					1					2				
>128					5					11				
>1024											10			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain
 Sampling Details:

Sampling Type: animal sample - caecum
 Sampling Strategy: Objective sampling
 Sampling Context: Monitoring - EFSA specifications
 Programme Code: AMR MON pn12

AM substance	Colipime		Colistin		Colistin + Clovulanic acid		Colistin		Colistin		Colistin + Clovulanic acid		Colistin		Colistin		Colistin		Colistin	
	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent
Colofaxime synergy test	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent	Positive/ent	Pres ent
Colfaxidime synergy test	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
ECOFF	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5										
Lowest limit	32	64	64	64	128	128	2	16	16	128										
Highest limit	1	1	1	1	1	1	1	1	1	1										
N of tested isolates	1	1	1	1	1	1	1	1	1	1										
N of resistant isolates	1	1	0	0	0	1	0	0	0	0										
MIC																				
<=0.015																				
<=0.03																				
<=0.064																				
<=0.12																				
0.25																				
2																				
4																				
8																				

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain

Sampling Type: animal sample - caecum
 Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications
 Programme Code: AMR MON

Sampling Details:

AM substance	Ampicillin	Azithromycin	Colistin	Colistin	Chloramphenicol	Chlorhexidine	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.018	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	170	170	170	170	170	170	170	170	170	170	170	170	170	170
N of resistant isolates	37	1	1	1	28	14	1	6	0	9	71	88	0	31
MIC														
<=0.015					145									
<=0.03						10			170					
0.064					1									
0.12					2									
<=0.25			169									128	92	
0.25					8									
<=0.5					169			131					39	43
0.5					1									
<=1	15						168							
1								31					5	4
<=2		46	14				1	2				79		
2														
<=4										156				
4	69	96	1									3		
<=8					140							32		
8	3	56		1				1		5				
>8						3								
16		3			2			4			45	4		
32					2			1			29	12		
>32														31
64					4						2	28		
>64	37	1											44	
128					13					1				
>128					9					8				
>1024											71			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain
 Sampling Details:

Sampling Type: animal sample - caecum
 Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications
 Programme Code: ESBL MON ph2

AM substance	Coligaline		Colistin		Colistin + Chlavanic acid		Colistin		Colistin		Colistin + Chlavanic acid		Etoposim		Imipenem		Meropenem		Tetracyclin		
	Positive/Pres ent	Negative/Absent	Positive/Pres ent	Negative/Absent	Positive/Pres ent	Negative/Absent	Positive/Pres ent	Negative/Absent	Positive/Pres ent	Negative/Absent	Positive/Pres ent	Negative/Absent	Positive/Pres ent	Negative/Absent	Positive/Pres ent	Negative/Absent	Positive/Pres ent	Negative/Absent	Positive/Pres ent	Negative/Absent	
Colistin synergy test	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
ECOFF	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Lowest limit	0.064	0.064	0.064	0.25	0.25	0.064	0.064	0.064	0.5	0.5	0.5	0.25	0.25	0.12	0.12	0.015	0.015	0.12	0.03	0.03	0.5
Highest limit	32	32	32	64	64	64	64	64	64	64	64	128	128	128	128	128	2	2	16	16	16
N of tested isolates	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157
N of resistant isolates	151	151	151	157	157	12	12	12	19	19	19	150	150	13	13	13	2	2	0	0	0
≤0.015														88	9	3					
≤0.03																			132	12	10
0.03														39	3	6					
≤0.064			1				122	11													
0.064														6	1	1			1		2
≤0.12																					
0.12	1	4				9	1							93	10				48	5	2
≤0.25																					
0.25	1	3					1	1						36	2				2	84	7
≤0.5																					
0.5	2	2												6	3						1
1	3	6				1	1							27	5						2
2	16	3	2	1		2								15	4						1
4	19	2				3								77	5						1
8	33					2								37	2	2					4
16	26	1		2	1	2								6	1	1	23				3
32	29			1										3	2	1	2				1
≤32	7																				
64				16	5	2								3	1	1					1
>64				111	5																
128																					
>128																					1

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year) - for slaughter

Sampling Stage: Slaughterhouse
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain
 Sampling Details:

Sampling Type: animal sample - caecum
 Sampling Strategy: Objective sampling
 Sampling Context: Monitoring - EFSA specifications
 Programme Code: ESBL MON

AM substance	Ampicillin	Azithromycin	Colistin	Colistin	Chloramphenicol	Chlorhexadon	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.018	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	157	157	157	157	157	157	157	157	157	157	157	157	157	157
N of resistant isolates	157	29	157	150	116	129	0	43	0	70	132	138	0	115
≤0.015					26				156					
≤0.03					1									
0.064					1			1						
0.12					7								147	20
≤0.25					41									
0.25					7			71						
≤0.5					15								10	21
0.5						155								
≤1					6			33						1
1			4	34										
≤2	1		3	20			1	2	10				15	
2														
≤4											52			
4		56	4	30									4	
≤4		146												
≤8					39						3			
8		65		41	7					25				
≤8				25	2	52								
16		6			2			14		10	15	1		
32		7			4			10		5	4			
≤32								19						115
64		15			8						2	37		
≤64	157	7											96	
128					53					5				
≥128					51					65				
≥1024											132			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain
 Sampling Details:

Sampling Type: animal sample - caecum
 Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications
 Programme Code: AMR MON pn12

AM substance	Coliforme		Coliform		Coliforme + Clostridium		Coliform		Coliform		Coliforme + Clostridium		Coliform		Coliform		Coliform		Coliform	
	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent
Colofaxime synergy test	0.12	0.064	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Colofaxime synergy test	0.12	0.064	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
ECOFF	0.12	0.064	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Lowest limit	32	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
Highest limit	32	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC																				
<=0.015																				
<=0.03																				
0.03																				
<=0.064																				
0.064																				
<=0.12																				
0.12																				
<=0.25																				
2																				
4																				
8																				
16																				
32																				
64																				

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain
 Sampling Details:

Sampling Type: animal sample - caecum
 Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications
 Programme Code: AMR MON

AM substance	Ampicillin	Azithromycin	Colistin	Colistin	Chloramphenicol	Chlorhexadon	Colistin	Gentamicin	Meropenem	Nalidixic Acid	Sulfamonomaxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.018	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	169	169	169	169	169	169	169	169	169	169	169	169	169	169
N of resistant isolates	127	7	3	3	78	78	1	10	0	34	112	132	0	107
MIC														
<=0.015						79					167			
<=0.03														
0.03						8								
0.064						4		2						
0.12						8								
<=0.25			169									143	48	
0.25								38						
<=0.5									112				25	13
0.5								16						
<=1	2								168					
1								41					1	1
<=2		19	12						6			33		
2				2				2						
<=4														90
4														1
<=8		20	97											1
8			3											
<=8	1	48			87						24			
8						10	1	1		29		3		
>8				1		3								
16	2	5			4			1		10	24	1		
32		4			11			1		1	8	8		
>32								6						107
64	1				16					4	1	38		
>64		124	3										87	
128					25					9	2			
>128					26					20				
>1024											110			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain
 Sampling Details:

Sampling Type: animal sample - caecum
 Sampling Strategy: Convenient sampling

Sampling Context: Monitoring - EFSA specifications
 Programme Code: AMR MON

AM substance	Ampicillin	Azithromycin	Colistin	Colazidim	Chloramphenicol	Chlorofenacol	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamonomoxole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.018	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MIC														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													
<=16	1													

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain
 Sampling Details:

Sampling Type: animal sample - caecum
 Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications
 Programme Code: ESBL MON ph12

AM substance	Cefepime				Ceftriaxone				Ceftriaxone + Chloramphenicol				Cefuroxime				Ceftazidime				Ceftazidime + Chloramphenicol				Ertapenem				Imipenem				Meropenem				Tazocillin																							
	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent	Positive/Pres	Negative/Absent																								
Cofactime synergy test																																																												
Ceftazidime synergy test																																																												
ECOFF	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	8	8	8	8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.015	0.015	0.015	0.015	0.06	0.06	0.06	0.06	0.5	0.5	0.5	0.5	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.03	0.03	0.03	0.03	0.5	0.5	0.5	0.5
Lowest limit	0.064	0.064	0.064	0.064	0.25	0.25	0.25	0.064	0.064	0.064	0.064	0.064	0.5	0.5	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.015	0.015	0.015	0.015	0.06	0.06	0.06	0.06	0.5	0.5	0.5	0.5	0.125	0.125	0.125	0.125	0.03	0.03	0.03	0.03	0.5	0.5	0.5	0.5				
Highest limit	32	32	32	32	64	64	64	64	64	64	64	64	64	64	64	64	128	128	128	128	128	128	128	128	128	128	128	128	2	2	2	2	2	2	2	2	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	128	128	128	128				
N of tested isolates	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295	295								
N of resistant isolates	287	287	287	287	295	295	295	295	25	25	25	25	47	47	47	47	47	47	47	47	277	277	277	277	26	26	26	26	12	12	12	12	12	12	12	12	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0				
MIC																																																												
≤0.015																																																												
≤0.03																																																												
0.03																																																												
≤0.064																																																												
0.064																																																												
≤0.12																																																												
0.12																																																												
0.25																																																												
0.5																																																												
1																																																												
2																																																												
4																																																												
8																																																												
16																																																												
32																																																												
>32																																																												
64																																																												
≥64																																																												
128																																																												
>128																																																												

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain
 Sampling Details:

Sampling Type: animal sample - caecum
 Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications
 Programme Code: ESB MON

AM substance	Ampicillin	Azithromycin	Colistin	Colazidim	Chloramphenicol	Chlorfexadon	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.018	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	295	295	295	295	295	295	295	295	295	295	295	295	295	295
N of resistant isolates	295	56	295	277	154	240	8	63	1	181	204	240	0	201
≤0.015					40				286					
≤0.03					13									
0.064					2			7						
0.12					3			1					278	53
≤0.25														
0.25					57									
≤0.5				18				133						
0.5					40				1				15	34
≤1							279							
1			3	41		3		80					2	5
≤2		5		37			3	8	19				49	
2			17											2
≤4										64				
4		111	11	33		2		1					5	
≤8			264											
8		108		58	135	41	8	3		33			1	
≥8				108		91								
16		15				6		10		17	39		2	
32		11				7		13		1	16	10		1
≥32								36						200
64		13				15				2	1	43		
≥64	295	32												185
128						44				17	1			
≥128						88				161	1			
1024											1			
≥1024											202			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from pig - fresh

Sampling Stage: Retail
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain
 Sampling Details:

Sampling Type: food sample - meat
 Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications
 Programme Code: ESBL MON ph2

AM substance	Coliforme		Coliform		Coliforme + Clostridium		Coliform		Coliform		Coliforme + Clostridium		Coliform		Coliform		Coliform		Coliform	
	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent	Positive/ent	Negative/ent
Colofaxime synergy test	ent	ent	ent	ent	ent	ent	ent	ent	ent	ent	ent	ent	ent	ent	ent	ent	ent	ent	ent	ent
Colofaxime synergy test	0.12	0.12	0.25	0.25	0.25	0.25	8	8	0.5	0.5	0.5	0.5	0.06	0.06	0.5	0.5	0.125	0.125	32	32
ECOFF	0.064	0.064	0.25	0.25	0.064	0.064	0.5	0.5	0.25	0.25	0.12	0.12	0.015	0.015	0.12	0.12	0.03	0.03	0.5	0.5
Lowest limit	32	32	64	64	64	64	64	64	128	128	128	128	2	2	16	16	16	16	128	128
Highest limit	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
N of tested isolates	26	26	29	29	4	4	5	5	25	25	4	4	1	1	0	0	0	0	0	0
N of resistant isolates																				
MIC																				
<=0.015																				
<=0.03																				
0.03																				
<=0.064																				
0.064																				
<=0.12																				
0.12																				
<=0.25																				
0.25																				
0.5																				
1																				
2																				
4																				
8																				
16																				
32																				
>32																				
64																				
>64																				
128																				

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from pig - fresh

Sampling Stage: Retail
 Sampler: Official sampling
 Analytical Method:
 Country of Origin: Spain
 Sampling Details:

Sampling Type: food sample - meat
 Sampling Strategy: Objective sampling

Sampling Context: Monitoring - EFSA specifications
 Programme Code: ESBL MON

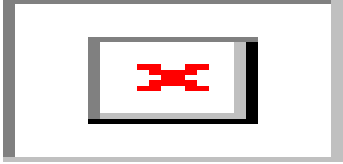
AM substance	Ampicillin	Azithromycin	Colistin	Colazidim	Chloramphenicol	Chlorfexadon	Colistin	Gentamicin	Meropenem	Nalidixic Acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.018	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	29	29	29	29	29	29	29	29	29	29	29	29	29	29
N of resistant isolates	29	3	29	25	14	21	0	5	0	18	21	26	0	13
MIC														
<=0.015					5				29					
<=0.03					3									
<=0.25					8							26	10	
0.25								11						
<=0.5			4										3	4
0.5									28					
<=1				4		1				12				2
1			1											
<=2				4								2		
2			1			1	1	1						
<=4				4						9				
4		10				2								
>4				27										
<=8					14						3			
8		13				1				1		1		
>8				8		7								
16		2			1			1		1	4			
32					2				1		1	3		
<=32								3						13
32														
64		2			2									10
>64														
>=64	29	1												13
128					5					4				
>=128						5					14			
>=1024														21

OTHER ANTIMICROBIAL RESISTANCE TABLES

Specific monitoring of ESBL-/AmpC-/carbapenemase-producing bacteria and specific monitoring of carbapenemase-producing bacteria, in the absence of isolate detected

No data returned for this view. This might be because the applied filter excludes all data.

Specific monitoring of ESBL-/AmpC-/carbapenemase-producing bacteria and specific monitoring of carbapenemase-producing bacteria, in the absence of isolate detected



Latest Transmission set

Table Name	Last submitted dataset transmission date
Antimicrobial Resistance	11-Feb-2021
Animal Population	27-Jul-2020
Disease Status	27-Jul-2020
Food Borne Outbreaks	22-Feb-2021
Prevalence	24-Sep-2020

Spain, Text Forms 2019

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1. Institutions and Laboratories involved in zoonoses monitoring and reporting

MAPA, Spanish Ministry of Agriculture, Fish and Food, through the Subdirectorate General for Animal Health, Hygiene and Traceability and the Sub directorate of Means of Livestock Production is the central competent authority for the monitoring and reporting zoonoses in primary production.

AESAN, Spanish Agency of Food Safety and Nutrition, through the Sub-directorate General for Co-ordination of Alerts and Official Control Programmes, is the central competent authority for the monitoring and reporting zoonoses in food.

ISCIII, through the National Centre of Epidemiology, is the central authority responsible for management of surveillance of human cases and food-borne outbreaks.

The **Central Veterinary Laboratory (CVL)** of MAPAMA the National Reference Laboratories (NRLs) for zoonoses in primary production

The **National Food Centre (CNA)** of AESAN the National Reference Laboratories (NRLs) for zoonoses in food.

The Autonomous Communities through their human and animal health services.

2. Animal population

1. Sources of information and the date(s) (months, years) the information relates to^(a)

REGA (National Register for Livestock Holdings) was the source for the total number of holdings and animals in all species. The figures in this report were taken at December/31/2019.

Dates the figures relate to and the content of the figures

Number of holdings and animals: 31/12/2019

2. Definitions used for different types of animals, herds, flocks and holdings as well as the production types covered

Holding' in REGA means 'Whatever place where farming animals are'. They are classified in breeding and production holdings and special holdings (such as markets, slaughterhouses, quarantine centres...). It has been taken into account only breeding and production holdings. The specific definitions adopted by REGA for different types of holdings are those fixed in EU or Spanish Regulations.

Bovine animals Calves for slaughter: Bovine animals less than 1 year old for slaughter as calves.

Calves: Domestic animals of the bovine species, of not more than 300 kg live weight and not yet having permanent teeth.

Heifers: Female bovines more than 1 year old that have not yet calved.

Heifers for breeding purposes: Heifers raised for breeding and intended to replace dairy cows. Cows: Female bovines that have calved. Dairy cows: Cows kept exclusively or principally for the production of milk for human consumption and/or dairy produce. Meat production animals: bovine animals, other than calves, kept exclusively for the production of meat and including cows, heifers and bulls

Sheep: Domestic animals of the species Ovis.

Ewes and ewe lambs put to the ram: Females of the ovine species which have already lambed at least once as well as those which have been put to the ram for the first time.

Milk ewes:

Ewes which are kept exclusively or principally to produce milk for human consumption and/or for processing into dairy products. This includes cast milk sheep (whether fattened or not between their last lactation and slaughtering).

Other ewes: Ewes other than milk ewes; to be included in meat production animals

Lambs: Male or female sheep under 12 months old

Goats: domestic animals of the species Capra.

Pigs: Domestic animals of the species Sus.

3. National changes of the numbers of susceptible population and trends

See table

4. Geographical distribution and size distribution of the herds, flocks and holdings^(b)

5. Additional information

(a): National identification and registration system(s), source of reported statistics (Eurostat, others)

(b): Link to website with density maps if available, tables with number of herds and flocks according to geographical area

3. General evaluation*: Mycobacteria spp.

1. History of the disease and/or infection in the country^(a)

Sanitary importance of bovine tuberculosis has been based in the spread of the disease to humans. Human infection has been linked historically to raw milk consumption. At human level the surveillance of the disease is included in the National Epidemiological Surveillance Network, created according to Royal Decree 2210/1995, December 25. In Spain, control of milk was carried out at council town's level since 1908, but monitoring and eradication programmes in cattle didn't start systematically until beginning of 90's, focused mainly in dairy cows.

At the moment the programme is being applied to cattle over six weeks of age and to goats living close to cattle, according to Directive 64/432/EEC. Control of milk and control of fresh meat production is carried out by Autonomous Communities according to European legislation in force (hygiene package).

2. Evaluation of status, trends and relevance as a source for humans

Spanish programmes for eradication on bovine tuberculosis in last years show a decrease of the disease prevalence in cattle in 2018 and 2019. Raw milk only can be consumed if produced in herds OTF.

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Spanish Programme on Eradication of Bovine Tuberculosis 2019. Milk control and fresh meat control production are developed according to European legislation in force (Hygiene Package).

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (I.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

4. Additional information

M. caprae has been isolated in 2005-2019 from cattle, goats, wild boards, foxes, wild ruminants. Spanish legislation on Mycobacterium in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

*** For each zoonotic agent**

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

4. Description of Monitoring/Surveillance/Control programmes system*: Mycobacterium tuberculosis complex in animal - Cattle (bovine animals)

1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Sampling strategy is defined in Spanish Programme on Eradication on Bovine Tuberculosis 2019, covering cattle according Directive 64/432/EEC (animals over six weeks of age) and goats living close to cattle. Testing is performed under supervision of competent authorities of Autonomous Communities. At slaughterhouses, samples are taken in suspicious animals and in animals with suspicious injuries. Strategic use on gamma-interferon assay has been implemented since 2008 and consequently, an increase in the sensitivity at animal level (intra-herd) has been applied. **!**

Additionally, severe interpretation of skin test (SIT) has been applied in high prevalence areas, with 2 skin tests in OTF herds and at least 3 skin tests in non-OTF herds during 2019. These measures have increased the sensitivity at herd level as well.

Frequency of the sampling

Once a year at least, more frequent testing in not officially free herds (at least 3 tests) and in OTF herds in high prevalence areas (2 at least). Pre-movement test in movements except if animals go to a closed fattening unit that send animals to slaughterhouse.

Type of specimen taken

skin test, blood, organs/tissues

Methods of sampling (description of sampling techniques)

Intradermal skin test (SIT) is used in animals over 6 weeks of age. In infected herds, gamma interferon assay is used in parallel as supplementary test in animals over six months of age. In low prevalence areas, SICCT can be used if specificity problems are detected. At slaughterhouses organs/tissues are taken from suspicious reactors animals (mainly from herds with OTF status suspended) and from injuries found in routine post-mortem examination of animals slaughtered, according to the European legislation in force (Hygiene Package).

Case definition

Skin test: positive and inconclusive results. In OTF herds also MTC isolation.

Diagnostic/analytical methods used

SIT, SICCT, agent isolation, PCR and gamma-interferon assay following criteria laying down by Annex B of Directive 64/432/EEC., Spoligotyping, VTNR for molecular typing.

2. Measures in place^(b)

Vaccination policy

Forbidden

Other preventive measures than vaccination in place

Pre-movement test; Cleaning and disinfecting of positive holdings; Control of common grazing areas; Investigation of wildlife in some regions; Epidemiological investigations in breakdowns; inspections and official control of the field veterinarians.

Control program/mechanisms

The control program/strategies in place

Spain has an Eradication Programme approved for co-financing. Legal basis of the programme measures is Council Directive 64/432/EEC, but with increased measures like:- more frequent tests in high prevalence areas- strategic use of gamma-interferon assay- pre-movement tests- severe interpretation of SIT

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/programatb2019verdefinitiva_tcm30-500265.pdf

Recent actions taken to control the zoonoses

More frequent testing and pre-movement test. Compulsory slaughtering of all animals in herds with high incidence or repeating positive Results. Severe interpretation of tuberculin test. Research into other test methodologies. Reinforce over herd registers at farm Level. Epidemiological studies. Surveillance of wildlife. Inspections in restricted herds. Inspections of field veterinarians. Training courses for field Veterinarians.

Suggestions to the European Union for the actions to be taken

Research into other test methodologies and improve the existing ones.

Measures in case of the positive findings or single cases

Confirmation by isolation/PCR of MTC. If confirmed, withdrawal of OTF status by holding. Epidemiological studies, spoligotyping of the strain and inclusion in the National Database micoDB.es.

3. Notification system in place to the national competent authority^(c)

Since 1952, at least (Epizootic Diseases Law).At the moment by Animal Health Law 8/2003

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Results of the investigation

see table

National evaluation of the recent situation, the trends and sources of infection

Data obtained by applying of Spanish Tuberculosis Eradication and Monitoring Programme 2019 show a moderate decrease of the disease at herd level and at animal level in the country. In conclusion, milk consumption cannot be considered as a current source of infection in Spain, even more if it is assumed that cow milk is thermally treated. Explanation of the higher prevalence in the certain areas can be found in special management of this kind of herds: common grazing, ranching systems, fighting bulls, transhumance... Wildlife and goats can also be a source of infection in these holdings.

5. Additional information

Relevance of the findings in animals, feeding stuffs and foodstuffs to human cases (as a source of infection)

Only few human cases had been identified as tuberculosis by *Mycobacterium bovis* in the last years. The risk of transmission from animals to humans is very low.

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

5. Description of Monitoring/Surveillance/Control programmes system*: *Mycobacterium* spp. in foodstuff

1. Monitoring/Surveillance/Control programmes system^(a)

The control of *Mycobacterium* is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

Additionally, in Spain, the control of *Mycobacterium* in food is carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

For more information on this plan, please refer to the following link:

http://www.aecosan.msssi.gob.es/AECOSAN/docs/documentos/seguridad_alimentaria/pnccca/P4_Mataderos_otros.pdf

2. Measures in place^(b)

The measures are carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

Results of investigations are published in the Annual Report of Program 4 of the Multiannual National Control Plan (MANCP) related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/detalle/revision_sistema_control.htm

5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Mycobacterium in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (c): Mandatory: Yes/No.
- (d): Minimum five years.
- (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

6. General evaluation*: *Brucella* spp.

<p>1. History of the disease and/or infection in the country^(a)</p> <p>Sanitary importance of brucellosis has been based in the spread of the disease to humans. At the moment brucellosis is still the main direct transmission zoonoses in the world, mainly linked to <i>Brucella melitensis</i>. The more frequent source of infection for human beings has been contacts with goats and sheep, but raw milk products consumption has had historical importance as well. Nowadays brucellosis is considered as a professional disease. In Spain, milk control was carried out at council town's level since 1908. At the moment milk control and control of fresh meat production is carried out by Autonomous Communities according to the European legislation in force (Hygiene Package). Monitoring and Eradication Programmes in cattle, goats and sheep did not start systematically until beginning of 90's. Before, human cases had the highest incidence in last thirty years, with around 8500 cases in middle 80s. The systematic application of national programmes has resulted in a continuous decrease of the Disease.</p>
<p>2. Evaluation of status, trends and relevance as a source for humans</p> <p>Spanish Programmes for eradication and monitoring of Brucellosis in cattle, goats and sheep show the continuous decreasing trend of the disease prevalence in domestic animals, close to eradication. Raw milk only can be consumed if produced in herds free or officially free.</p>
<p>3. Any recent specific action in the Member State or suggested for the European Union^(b)</p> <p>Spanish Programme on eradication of bovine brucellosis 2019. Spanish Programme on eradication of brucellosis in goats and sheep 2019. Milk control and control of the production of fresh meat in accordance to European legislation in force (Hygiene Package). Furthermore, the Spanish Royal Decree 640/2006, of May 26, 2006, laying down specific implementation conditions of the Community rules concerning hygiene subjects, as well as foodstuff's production and commercialisation, establishes specific conditions regarding to milk and dairy milk.</p> <p>The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.</p>
<p>4. Additional information</p> <p>Spanish legislation on Brucellosis in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.</p>
<p>* For each zoonotic agent</p> <p>(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country</p> <p>(b): If applicable</p>

7. Description of Monitoring/Surveillance/Control programmes system*: B.abortus in animal - Cattle (bovine animals)

1. Monitoring/Surveillance/Control programmes system^(a)

SAMPLING SCHEME

Sampling strategy

Sampling strategy is defined in Spanish Programme for Eradication of Bovine Brucellosis, covering cattle according to Directive 64/432/EEC (animals over 12 months of age). Test are carried out by competent authorities of Autonomous Communities. At slaughterhouses samples are taken in suspicious animals, mainly in positive animals coming from free or officially free herds (suspended status) to confirm the disease.

Frequency of the sampling

Twice a year at least. Only regions with low herd prevalence can apply a reduction of the frequency following Annex A.II.2 of Council Directive 64/432/CEE. Pre-movement test.

Type of specimen taken

serum, blood, milk, organs/tissues, swabs

Methods of sampling (description of sampling techniques)

In animals over one year of age Rose Bengal as screening test or i-ELISA in milk; and Complement Fixation test or i-ELISA in serum as confirmatory test. As complementary test competition ELISA has been used as well. At slaughterhouses swabs, organs and tissues are taken in suspicious animals, mainly from herds with free or officially free status suspended, to isolate Brucella and confirm the infection.

TESTING SCHEME

Case definition

Brucella abortus isolation.

Diagnostic/analytical methods used

Rose Bengal test, agent isolation, serum i-ELISA, milk i-ELISA, c-ELISA and Complement Fixation test, following criteria laying down by Annex B of Directive 64/432/EEC

2. Measures in place^(b)

Vaccination policy

Forbidden.

Other preventive measures than vaccination in place

Pre-movement test. Cleaning and disinfecting of positive holdings. Control of common grazing areas. Investigation of possible wildlife reservoirs in some Regions. Epidemiological investigations in breakdowns. Inspections and official control of field veterinarians. Inspections of restricted

Control program/mechanisms

The control program/strategies in place Spain has an Eradication and Monitoring Programme approved for co-financing. Legal basis of the programme are Directive 64/432/EEC and Royal Decree 2611/1996, at last amended. Increased measures have been implemented: pre-movement test, stamping out in low prevalence areas, vaccination in high prevalence areas, more frequent testing, inspections and official controls of field veterinarians, inspections of restricted herds

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/programabb2019verfinal_tcm30-500270.pdfRecent actions taken to control the zoonoses

More frequent testing and pre-movement test. Compulsory slaughter of all animals in herds if infection is confirmed. Research into other test methodologies. Reinforce over herd registers at farm level. Epidemiological studies

Suggestions to the European Union for the actions to be taken

Research into other test methodologies and improve existing ones.

Measures in case of the positive findings or single cases

Confirmation of the infection by complement fixation test and culture, and if herd is free or officially free, status is suspended and if isolation of *Brucella abortus* is confirmed, depopulation.

3. Notification system in place to the national competent authority^(c)

Since 1952, at least (Epizootic Diseases Law) At the moment by Animal Health Law 8/2003

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Results of the investigation

see table

National evaluation of the recent situation, the trends and sources of infection

Data obtained by the implementation of Spanish Eradication and Monitoring Programme on Bovine Brucellosis show that the target of eradicate the disease by 2020 has been already achieved.. In conclusion, milk consumption can't be considered as a current source of infection in Spain, even more if it is assumed that almost all the cow milk is thermally treated.

5. Additional information

Status as officially free of bovine brucellosis during the reporting year: Free regions

Regions of Asturias, Baleares, Canarias, Castilla la Mancha, Cataluña, La Rioja, Madrid, Murcia, Navarra and País Vasco and provinces of Almería, Granada, Jaén, Burgos, Soria, Valladolid and Zamora.

Relevance of the findings in animals to findings in foodstuffs and to human cases (as a source of infection)

Brucellosis in humans is linked in Spain mainly to *B. melitensis*.

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the

Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
(c): Mandatory: Yes/No.
(d): Minimum five years.
(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

8. Description of Monitoring/Surveillance/Control programmes system*: B. melitensis in animal – Sheep

1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Sampling strategy is defined in Spanish Programme on eradication and monitoring of brucellosis in sheep and goats, according to Directive 91/68/EEC:- animals over 6 months of age if not vaccinated- animals over 18 months of age if vaccinated. Tests are carried out by competent authorities of Autonomous Communities. At slaughterhouse samples are taken in suspicious animals, mainly in positive animals coming from free or officially free herds (suspended status) to confirm de disease.

Frequency of the sampling

Once a year at least in herds free or officially free. Twice a year at least in non-qualified herds.

Type of specimen taken

serum, blood, milk, organs/tissues

Methods of sampling (description of sampling techniques)

At herd level, in animals over 6 or 18 months of age Rose Bengal as screening test and Complement Fixation as confirmatory test. At slaughterhouses or at holdings, swabs, milk, organs or tissues are taken in suspicious animals, mainly from herds with free or officially free status suspended, to isolate Brucella and confirm the infection.

Case definition

Brucella melitensis isolation..

Diagnostic/analytical methods used

Rose Bengal test, agent isolation, Complement Fixation test following criteria laying down by Annex C of Directive 91/68/EEC

2. Measures in place^(b)

Vaccination policy

Animals between 3 and 6 months of age (not in officially free herds or free herds that are on the way to gain officially free status in low prevalence areas). In high incidence areas adults can be vaccinated exceptionally to control the spread of the disease to other herds or humans.

Other preventive measures than vaccination in place

Pre-movement test in transhumance in certain areas. Cleaning and disinfecting of positive holdings. Control of common grazing areas. Epidemiological investigations in breakdowns. Inspections and official control of the field veterinarians

Control program/mechanisms

The control program/strategies in place

Spain has an Eradication Programme approved for co-financing. Legal basis of the programme measures are Directive 91/68/EEC and Royal Decree 1941/2004.

Recent actions taken to control the zoonoses

More frequent testing in non-qualified herds. Compulsory slaughter of all animals in confirmed herds. . Research in other test methodologies. Reinforce over herd register at farm level. Epidemiological studies

Suggestions to the European Union for the actions to be taken

Authorisation of new tests (ELISA,FPA)

Measures in case of the positive findings or single cases

Confirmation by complement fixation test, and if herd free or officially free, status is suspended and if isolation of Brucella melitensis depopulation.

3. Notification system in place to the national competent authority^(c)

Since 1952, at least(Epizootic Diseases Law)At the moment by Animal Health Law 8/2003

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Results of the investigation

see table

National evaluation of the recent situation, the trends and sources of infection

Data obtained by implementation of Spanish Programme for Eradication and Monitoring of Brucellosis in Sheep and Goats show continuous decreasing trend of the disease in the country, with only one positive herds in 2019.

5. Additional information

Status as officially free of ovine brucellosis during the reporting year

Free regions

Regions of Aragon, Cataluña, Canarias, Baleares, Galicia, Asturias, Extremadura, La Rioja, Valencia, Cantabria, Castilla y Leon, Madrid, Navarra and Pais Vasco and the provinces of Cádiz, Albacete, Ciudad Real, Cuenca and Guadalajara.

Relevance of the findings in animals to findings in foodstuffs and to human cases (as a source of infection)

The human cases have been identified mainly as *Brucella melitensis*, caused by direct contact between humans and infected herds, as a professional disease (farmers, veterinary surgeons...).

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

9. Description of Monitoring/Surveillance/Control programmes system*: *B. melitensis* in animal – Goats

1. Monitoring/Surveillance/Control programmes system^(a)

see *brucella melitensis* in sheep

2. Measures in place^(b)

see *brucella melitensis* in sheep

3. Notification system in place to the national competent authority^(c)

see *brucella melitensis* in sheep

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

see *brucella melitensis* in sheep

5. Additional information

see *brucella melitensis* in sheep

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

10. Description of Monitoring/Surveillance/Control programmes system*: Brucella spp. in foodstuff

1. Monitoring/Surveillance/Control programmes system^(a)

The control of Brucella is undergone in all foodstuffs and at all steps of the food chain by regional health authorities performing official control according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

2. Measures in place^(b)

Official controls performed by regional health authorities in every Autonomous Community.

3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Brucella in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

11. General evaluation*: Salmonella spp.

1. History of the disease and/or infection in the country^(a)

Salmonellosis is the second main zoonoses (in number of human cases reported) in the European Union, also in Spain. Salmonella is the agent more frequently involved in reported foodborne outbreaks in Spain. In poultry, after the introduction in the 60's of the American production methods, the specific pathology of avian salmonellosis was caused by *S. pullorum* and *S. gallinarum*. In the middle of the 80's come up a new infection in breeding flocks for meat production caused by *S. enteritidis*, and following it, also in laying hens and in feed *S. enteritidis* was isolated.

2. Evaluation of status, trends and relevance as a source for humans

Nowadays the sources of infection are widespread along the food chain: feed, animals, food (eggs and ovoproducts, meat) and humans can be a source of infection. At animal level, in breeding flocks Spain have reached the community target in 2019 (0.41% positive flocks to 5 serovars).

In laying hens, adult flocks prevalence in 2019 was 2.34%.

In broiler flocks, the prevalence of *S. Enteritidis* and *S. Typhimurium* was 0.08% in 2019.

In breeding turkeys the prevalence of SE/ST, including monophasic strains in 2019 was 0%.

In fattening turkeys the prevalence of SE/ST, including monophasic strains in 2019 was 0.08%. Data indicate that we have reached the prevalence target in poultry in Spain in 2019, except in laying hens (slightly above 2%)

At human level salmonellosis is a notifiable disease according to the Ministerial Order SSI/445/2015 that updates Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network.

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Ministry of Agriculture and Fish, Food and Environment and AESAN are carrying out a Control Programme of Salmonella in poultry, eggs and ovoproducts along the overall food chain, starting with monitoring systems at holdings (National Surveillance Programme).

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

4. Additional information

Spanish legislation on Salmonella in foodstuff: Royal Decree 1254/1991 of August 2, laying down rules to preparation and conservation of mayonnaise prepared in the own establishment and for immediate consumption foods with eggs as ingredient. Royal Decree 3484/2000 of December 29, laying down hygiene rules to elaboration, distribution and commercialisation of ready-to-eat food. Royal Decree 640/2006, of May 26, laying down specific implementation conditions of the Communities rules concerning hygiene subjects, as well as foodstuff's production and commercialisation. Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

* For each zoonotic agent

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

12. Description of Monitoring/Surveillance/Control programmes system*: Salmonella spp. in animal - Cattle (bovine animals)

1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Samples are taken randomly (day of sampling each month) in 23 slaughterhouses (distribution of the number of samples according to the capacity of sacrifice of each slaughterhouse) placed in different regions of Spain and representative of the total volume of sacrifice of the country (around 62%) in the year 2019.

Frequency of the sampling

Animals at slaughter (herd based approach)

Monthly (each two years)

Type of specimen taken

Animals at slaughter (herd based approach)

Caecal samples

Methods of sampling (description of sampling techniques)

Animals at slaughter (herd based approach)

Two faecal samples at colon level are taken in all the slaughter batches in the day of sampling, with a maximum of 30 batches by slaughterhouse and day of sampling. A total of 397 slaughter batches have been tested in 2019. Faeces are taken from the colon, refrigerated immediately and sent to the laboratory and analysed within 24 hours.

Case definition

Animals at slaughter (herd based approach)

A slaughter batch is positive if Salmonella spp. has been isolated from at least one of the two samples of each slaughter batch of calves.

Diagnostic/analytical methods used

Animals at slaughter (herd based approach)

Bacteriological method: EN/ISO 6579-1

2. Measures in place^(b)

The monitoring programme is implemented each 2 years.

3. Notification system in place to the national competent authority^(c)

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Results of the investigation

see table

National evaluation of the recent situation, the trends and sources of infection

The slaughter batch prevalence in 2019 was 9,1%

5. Additional information

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (c): Mandatory: Yes/No.
- (d): Minimum five years.
- (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

13. Description of Monitoring/Surveillance/Control programmes system*: Salmonella spp. in animal - Gallus gallus (fowl) - broilers

1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Broiler flocks

Following point 1 of the Annex of Commission Regulation (EC) 200/2012 implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in broilers.

Frequency of the sampling

Broiler flocks: Before slaughter at farm

3 weeks prior to slaughter (FBO control and official control). Official control sampling is performed in at least one flock on 10% of the holdings with more than 5000 birds.

Type of specimen taken

Broiler flocks: Before slaughter at farm

Faeces (boot swabs)

Methods of sampling (description of sampling techniques)

Broiler flocks: Before slaughter at farm

Following point 2 of the Annex of Commission Regulation (EC) 200/2012 implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in broilers.

Case definition

Broiler flocks: Before slaughter at farm

A flock of broilers shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of Salmonella Enteritidis and/or Salmonella Typhimurium, including monophasic strains (other than vaccine strains) was detected in the flock at any occasion.

Diagnostic/analytical methods used

Broiler flocks: Before slaughter at farm

Bacteriological method EN/ISO 6579-1

2. Measures in place^(b)

Vaccination policy

Broiler flocks

Does not exist.

Other preventive measures than vaccination in place

Broiler flocks

Biosecurity measures Compliance with Good Practice Code

Control program/mechanisms

The control program/strategies in place

Broiler flocks

National Control Programme on Salmonella in broiler flocks 2019, approved by EU

https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2017-8_dec-2016-2444-ec_salmonella_broiler_gal_esp.pdf

Recent actions taken to control the zoonoses

National Control and Monitoring Programme on Salmonella in broiler flocks 2019, including biosecurity measures and compliance with Good Practice Code following Regulations 2160/2003, 1177/2006 and 200/2012.

Measures in case of the positive findings or single cases

Broiler flocks: Before slaughter at farm

Verification of the compliance of biosecurity measures Cleaning, disinfection and treatment against rodents and insects Verification of the efficacy of cleaning and disinfection Epidemiological investigation

3. Notification system in place to the national competent authority^(c)

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2003, Royal Decree 328/2003 and Royal Decree 1940/2004.

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

see table

National evaluation of the recent situation, the trends and sources of infection
Spain has reached the community target.

5. Additional information

* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (c): Mandatory: Yes/No.
- (d): Minimum five years.
- (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

14. Description of Monitoring/Surveillance/Control programmes system*: Salmonella spp. in animal – Pigs

1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Fattening herds

Samples are taken randomly (day of each month) in 18 slaughterhouses (distribution of the number of samples according to the capacity of sacrifice of each slaughterhouse) placed in different regions of Spain and representative of the total volume of sacrifice of the country (64, 06%) in the year 2019.

Frequency of the sampling

Fattening herds at slaughterhouse (herd based approach)

Monthly (each 2 years)

Type of specimen taken

Fattening herds at slaughterhouse (herd based approach)

Faeces

Methods of sampling (description of sampling techniques)

Fattening herds at slaughterhouse (herd based approach)

Two faecal samples at colon level are taken from all the slaughter batches in the day of sampling, with a maximum of 30 batches by slaughterhouse and day of sampling. Each batch belonged to different herds. A total of 384 batches were tested in 2019. Samples were refrigerated immediately and sent to the laboratory and analysed within 24 hours.

Case definition

Fattening herds at slaughterhouse (herd based approach)

<p>A slaughter batch is considered positive for the purpose of this survey if Salmonella spp. has been isolated from the pooled sample of faeces. <u>Diagnostic/analytical methods used</u> <u>Fattening herds at slaughterhouse (herd based approach)</u> Bacteriological method: EN/ISO 6579-1</p>
<p>2. Measures in place^(b)</p>
<p>The monitoring programme is implemented each 2 years</p>
<p>3. Notification system in place to the national competent authority^(c)</p>
<p>4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)</p>
<p>see table</p> <p><u>National evaluation of the recent situation, the trends and sources of infection</u></p> <p>The slaughter batch prevalence was 53.6% in 2019.</p>
<p>5. Additional information</p>
<p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</p>

15. Description of Monitoring/Surveillance/Control programmes system*: Salmonella ssp. in animal - Gallus gallus (fowl) - breeding flocks, unspecified

<p>1. Monitoring/Surveillance/Control programmes system^(a)</p>
<p><u>Monitoring system</u></p>

Sampling strategy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

Following point 2 of the Annex of Commission Regulation (EU) 200/2010 of 10 March, implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of certain Salmonella serotypes in breeding flocks of Gallus gallus.

This sampling strategy is implemented by the Spanish National Control Programme on Salmonella in Breeding

Flocks of Gallus gallus, approved by EU

Frequency of the sampling

Breeding flocks (separate elite, grand parent and parent flocks when necessary):

Every flock is sampled

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Rearing period
Day-old chicks

Birds of 4 weeks of age and 2 weeks prior movement to laying period.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period

FBO controls: every 2/3 weeks (In Spain we have got the target during the last 2 years, so the frequency can be modify from every 2 weeks to every 3 weeks if the FBO asks for it). Additionally to the FBO controls, during production period an official control sampling is performed, with the following frequency:

1. within 4 weeks following moving to the laying phase or laying unit
2. towards the end of the laying phase and not earlier than 8 weeks before the end of the production cycle
3. During the production period at time distant enough from the sampling referred in points 1. and 2. (In Spain we have got the target during the last 2 years, so the number of official controls can be reduce from 3 to 2 if the CA considers it appropriate).

Type of specimen taken

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Rearing period
Faeces/ boot swabs

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period
Faeces/boot swabs

Methods of sampling (description of sampling techniques)

Breeding flocks (separate elite, grand parent and parent flocks when necessary):

Day-old chicks:

1. One sample made up of from 10 samples taken of the internal coverings of the cages transporting the chicks taken when they are delivered to the holding. The bases of the cages may be used directly as a sample, which will be sent either whole or in parts to the laboratories responsible for processing samples and may be made up of a single or more than one sample, or
2. Liver, caecum and yolk sac of 60 chicks (these parts of the viscera can be removed and processed as a single sample), or
3. A sample made up of meconium from at least 250 chicks.

Rearing period:

Faeces from different points of the holding or boot swabs.

Faeces or boot swabs can be pooled for analysis up to a minimum of two pools.

Production period

Following point 2 of the Annex of Commission Regulation (EU) 200/2010 of 10 March, implementing Regulation (EC) 2160/2003 as regards a Community target for the reduction of the prevalence of certain Salmonella serotypes in breeding flocks of Gallus gallus.

Case definition

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks, rearing and production period:

A breeding flock shall be considered positive when the presence of the relevant Salmonella serotypes (other than vaccine strains) has been detected in one or more samples taken in the flock, even if the relevant Salmonella serotypes is only detected in the dust sample, or when the confirmatory sampling

as part of official controls in accordance with point 2.2.2.2(b) does not confirm the detection of relevant Salmonella serotypes but antimicrobials or bacterial growth inhibitors have been detected in the flock.

Diagnostic/analytical methods used

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

Bacteriological method: EN/ISO EN/ISO 6579-1 EN/ISO 6579-1

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Rearing period

Bacteriological method: EN/ISO EN/ISO 6579-1 EN/ISO 6579-1

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period

Bacteriological method: EN/ISO EN/ISO 6579-1 EN/ISO 6579-1

2. Measures in place^(b)

Vaccination policy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

Voluntary/Compulsory in rearing flocks of the meat production line if one of the relevant Samonella serovars was detected in the preceding flock

Other preventive measures than vaccination in place

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

Biosecurity measures. Compliance with Good Practice Code.

Control program/mechanisms

The control program/strategies in place

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

Spanish National Control Programme on Salmonella in Breeding Flocks of Gallus gallus 2019,

https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2019_salmonella_gallus-breeding_esp.pdf

Recent actions taken to control the zoonoses

Compulsory National Control Programme on Salmonella in Breeding Flocks of Gallus gallus 2019.

Measures in case of the positive findings or single cases

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

According to the compulsory National Control Programme on Salmonella in Breeding Flocks of Gallus gallus 2019, including: movement of live birds forbidden, destruction or treatment of eggs, sacrifice-depopulation of the flock, epidemiological investigations, control of biosecurity measures, control of the effectiveness of cleaning and disinfection

3. Notification system in place to the national competent authority^(c)

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2006, Royal Decree 328/2003 and Royal Decree 1940/2004.

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Results of the investigation

See table

National evaluation of the recent situation, the trends and sources of infection

Spain has reached the Community reduction (<1%) target for 2019.

<p>5. Additional information</p> <p><u>Relevance of the findings in animals to findings in foodstuffs and to human cases (as a source of infection)</u> Breeding flocks for egg production can be considered a very low source of infection for humans, with no positive flock to Salmonella</p> <p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): <u>Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</u></p>

16. Description of Monitoring/Surveillance/Control programmes system*: Salmonella spp. in Turkeys - breeding flocks and meat production flocks

1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Meat production flocks

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Frequency of the sampling

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

Following point 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Rearing period

Following point 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period

Other: Following points 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Meat production flocks: Before slaughter at farm

Other: Following point 1 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Type of specimen taken

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

Other: Following points 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period

Other: Following point 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Meat production flocks: Before slaughter at farm

Other: Following points 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, in turkeys.

Methods of sampling (description of sampling techniques)

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Rearing period

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Meat production flocks: Before slaughter at farm

Following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium, including monophasic strains in turkeys.

Case definition

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Rearing period

A flock of turkeys shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of Salmonella enteritidis and/or Salmonella typhimurium, including monophasic strains (other than vaccine strains) was detected in the flock at any occasion.

Positive flocks of turkeys shall be counted only once per round, irrespective of the number of sampling and testing operations and only be reported in the year of the first positive sampling.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Rearing period

A flock of turkeys shall be considered positive, where the presence of Salmonella enteritidis and/or Salmonella typhimurium, including monophasic strains (other than vaccine strains) was detected in the flock at any occasion.

Meat production flocks: Before slaughter at farm

A flock of turkeys shall be considered positive for the purpose of verifying the achievement of the Community target, where the presence of Salmonella enteritidis and/or Salmonella typhimurium, including monophasic strains (other than vaccine strains) was detected in the flock at any occasion.

Diagnostic/analytical methods used

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

Bacteriological method: EN/ISO EN/ISO 6579-1/EN/ISO 6579-1

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period

Bacteriological method: EN/ISO EN/ISO 6579-1-
Meat production flocks: Before slaughter at farm
Bacteriological method: EN/ISO EN/ISO 6579-1

2. Measures in place^(b)

Vaccination policy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)
Voluntary
Meat production flocks
It does not exist.

Other preventive measures than vaccination in place

Breeding flocks (separate elite, grand parent and parent flocks when necessary)
Biosecurity measures. Compliance with Good Practice Code
Meat production flocks
Biosecurity measures. Compliance with Good Practice Code

Control program/mechanisms

The control program/strategies in place
Breeding flocks (separate elite, grand parent and parent flocks when necessary)
Spanish National Control Programme on Salmonella in Breeding Flocks of Turkeys 2019
Meat production flocks
Spanish National Control Programme on Salmonella in Meat Production Flocks of Turkeys 2019
approved by

https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2019_salmonella_turkey-fatten_esp.pdf

https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2019_salmonella_turkey-breeding_esp.pdf

Recent actions taken to control the zoonoses

Compulsory National Control Programme on Salmonella in Breeding Flocks and Meat Production Flocks of Turkeys 2019, following criteria of Regulation (EC) 1190/2012.

3. Notification system in place to the national competent authority^(c)

Notification system in place

Since 1952, at least (Epizootic Diseases Law). At the moment by Animal Health Law 8/2006, Royal Decree 328/2003 and Royal Decree 1940/2004.

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Results of the investigation

see table

National evaluation of the recent situation, the trends and sources of infection

In 2019, Spain has achieved the community target in both (fattening turkeys and Breeding turkeys).

5. Additional information

* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (c): Mandatory: Yes/No.
- (d): Minimum five years.
- (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

17. Description of Monitoring/Surveillance/Control programmes system*: Salmonella spp. in foodstuffs

1. Monitoring/Surveillance/Control programmes system^(a)

The control of Salmonella is undergone in all foodstuffs and at all steps of the food chain by regional health authorities performing official control according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

Additionally, in Spain, the control of Salmonella in food is carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

The Analytical reference method is: ISO 6579.

For more information on this plan, please refer to the following link:

http://www.aecosan.mssi.gob.es/AECOSAN/docs/documentos/seguridad_alimentaria/pncoca/P1_1_Criterios_microbiolgicos.pdf

2. Measures in place^(b)

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety

3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs.
Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

Results of investigations are published in the Annual Report of Program 11 of the Multiannual National Control Plan (MANCP) related to Control of microbiological criteria for food safety.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/detalle/revision_sistema_control.htm

5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed in compliance with the microbiological criteria laid down in the aforementioned Regulation

Spanish legislation on Salmonella in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents. Royal Decree 1254/1991 of August 2, laying down rules to preparation and conservation of mayonnaise prepared in the own establishment and for immediate consumption in foods with eggs as ingredient. Royal Decree 3484/2000 of December 29, laying down hygiene rules for preparation, distribution and marketing of ready-to-eat food. Royal Decree 640/2006, of May 26, laying down specific implementation conditions of the EU rules concerning hygiene practices, as well as foodstuff's production and marketing.

* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

18. General evaluation*: Thermophilic Campylobacter spp. - general evaluation

1. History of the disease and/or infection in the country^(a)

Campylobacter spp. is at the moment the most frequent reported gastrointestinal disease in humans. Poultry are the main reservoir, and infection happens usually by consumption of poultry meat. Until the end of the 60's importance of Campylobacter spp. was not valued. Notification of the disease is also under valued in surveillance systems. Epidemiology investigations show an association of cases to poultry meat consumption and a deficient handle of food..

2. Evaluation of status, trends and relevance as a source for humans

Poultry meat is the main source of infection. Another food implicated are red meat, raw milk, non-pasteurized cheese, and water.

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Monitoring of the zoonoses according to Council Directive 2003/99/EEC.
The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Campylobacteriosis is a mandatory disease in Spain, since 2015, according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network

4. Additional information

Spanish legislation on Campylobacter in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

* For each zoonotic agent

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

19. Description of Monitoring/Surveillance/Control programmes system*: Thermophilic Campylobacter spp. in animal - Cattle (bovine animals)

1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Samples have been taken randomly (day of sampling each month) at 23 slaughterhouses (distribution of the samples according to the capacity of sacrifice of each slaughterhouse) placed in different regions of Spain and representative of the total volume of sacrifice of the country (61.77% in 2019).

Frequency of the sampling

Two faecal samples at colon level are taken in all the slaughter batches in the day of sampling, with a maximum of 30 batches by slaughterhouse and day of sampling. Each batch belonged to different holdings. A total of 395 slaughter batches were taken in 2019. Faeces were taken from the colon, refrigerated immediately and sent to the laboratory and analysed within 24 hours.

Type of specimen taken

Faeces

Methods of sampling (description of sampling techniques)

Faeces were taken from the colon, refrigerated immediately and sent to the laboratory and analysed before 24 hours.

<p><u>Case definition</u></p> <p>One slaughter batch was considered as positive if isolation of Campylobacter spp. by culture and identification by PCR</p> <p><u>Diagnostic/analytical methods used</u></p> <p>Isolation in agar mCCDA(Oxoid) and agar Campyfood (bioMerieux) and identification by PCR multiplex.</p>
<p>2. Measures in place^(b)</p> <p>The monitoring programme will be implemented each 2 years</p>
<p>3. Notification system in place to the national competent authority^(c)</p>
<p>4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)</p> <p>Slaughter batch prevalence in 2019 was 43.8% Campylobacter spp (C.coli 4,6%, C.jejuni 33,9% and C.jejuni+C.coli 5,3%)</p>
<p>5. Additional information</p>
<p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</p>

20. Description of Monitoring/Surveillance/Control programmes system*: Thermophilic Campylobacter spp. in animal - Pigs - fattening pigs

<p>1. Monitoring/Surveillance/Control programmes system^(a)</p> <p><u>Monitoring system</u> <u>Frequency of the sampling</u></p> <p>2 faecal samples by slaughter batch with 10 animals or more, with a maximum of 30 slaughter batches by slaughterhouse and day of sampling. Each batch belonged to different herds. Sampling has been performed at 18 slaughterhouses representing an important part of all the fattening pigs sacrificed in</p>
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Spain (64.06% in 2019). A total 381 slaughter batches were taken in 2019. Samples were refrigerated immediately and sent to the laboratory and analysed within 24 hours.

Type of specimen taken

Faeces

Methods of sampling (description of sampling techniques)

2 faecal material samples by slaughter batch and by holding

Case definition

A slaughter batch is considered as positive if isolation by bacteriological method and PCR identification

Diagnostic/analytical methods used

Isolation in agar mCCDA (Oxoid) and agar Campyfood (bioMerieux) and identification by PCR multiplex

2. Measures in place^(b)

The monitoring programme will be implemented each 2 years.

3. Notification system in place to the national competent authority^(c)

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

The slaughter batch prevalence in 2019 was 34.6% Campylobacter spp (C.coli 33,9%, C.jejuni 0,3%, C.spp 0,3% and C.jejuni+C.coli 0.3%)

5. Additional information

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

21. Description of Monitoring/Surveillance/Control programmes system*: Campylobacter spp. in animal - Turkeys - fattening flocks -

1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring is performed every 2 years (not in 2019).

2. Measures in place^(b)

3. Notification system in place to the national competent authority^(c)

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

5. Additional information

* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

22. Description of Monitoring/Surveillance/Control programmes system*: Campylobacter spp. in animal - Broilers -

1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring is performed every 2 years. (not in 2019)

2. Measures in place^(b)

3. Notification system in place to the national competent authority^(c)

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)
5. Additional information
<p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</p>

23. Description of Monitoring/Surveillance/Control programmes system*: Campylobacter in foodstuff

1. Monitoring/Surveillance/Control programmes system^(a)
The control of Campylobacter is undergone in all foodstuffs and at all steps of the food chain by official control of regional health authorities according to Article 14 of Regulation (EC) N° 178/2002 of January 28, 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.
2. Measures in place^(b)
Official controls performed by regional health authorities in every Autonomous Community.
3. Notification system in place to the national competent authority^(c)
Yes. Please refer to Prevalence Tables
4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)
Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs. Available at: http://www.aecosan.mssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm
5. Additional information
The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into

foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.
As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed in compliance with the microbiological criteria laid down in the aforementioned Regulation
Spanish legislation on Campylobacter in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
(c): Mandatory: Yes/No.
(d): Minimum five years.
(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

24. General evaluation*: *Listeria* spp.

1. History of the disease and/or infection in the country^(a)

Listeria monocytogenes has been recognised as a human pathogen for more than 50 years. It causes invasive illness mainly in certain well defined high-risk groups, including immunocompromised persons, pregnant women and neonates. However listeriosis can occur in otherwise healthy individuals, particularly in the setting of an outbreak. The public health importance of listeriosis is not always recognised particularly because listeriosis is a relatively rare disease compared to other common food-borne illnesses such as salmonellosis. Also listeriosis is a disease that clinically affects cattle, but mainly ewes in Spain.

2. Evaluation of status, trends and relevance as a source for humans

Listeria is a serious food safety issue, particularly for pregnant women, the elderly, and those who are immunocompromised in Spain.

3. Any recent specific action in the Member State or suggested for the European Union^(b)

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Notification of Listeriosis is a mandatory in Spain, according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network since 2015.

4. Additional information

The diagnostic method used in food is: ISO 11290-2 :2004.

Spanish legislation on Listeria in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

*** For each zoonotic agent**

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

**25. Description of Monitoring/Surveillance/Control programmes system*:
Listeria spp. in foodstuff**

1. Monitoring/Surveillance/Control programmes system^(a)

As the control of *Listeria monocytogenes* in ready-to-eat products is in Regulation (EC) No 2073/2005, in Spain, it is carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

Also, this control of *Listeria monocytogenes* is undergone in all foodstuffs and at all steps of the food chain by official control of regional health authorities according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

The Analytical reference method is: ISO 11290

For more information on this plan, please refer to the following link:

http://www.aecosan.msssi.gob.es/AECOSAN/docs/documentos/seguridad_alimentaria/pncoca/P1_1_Criterios_microbiologicos.pdf For more information on this plan, please refer to the following link:

2. Measures in place^(b)

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety

3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

Results of investigations are published in the Annual Report of Program 11 of the Multiannual National Control Plan (MANCP) related to Control of microbiological criteria for food safety.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/detalle/revision_sistema_control.htm

5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed in compliance with the microbiological criteria laid down in the aforementioned Regulation Spanish legislation on Listeria in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (c): Mandatory: Yes/No.
- (d): Minimum five years.
- (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

26. General evaluation*: Yersinia Enterocolitica

<p>1. History of the disease and/or infection in the country^(a)</p> <p>Animals are the main source of Yersinia. Faecal wastes from animals (particularly pigs) may contaminate water, milk and foods and become a source of infection for people or other animals.</p>
<p>2. Evaluation of status, trends and relevance as a source for humans</p> <p><u>National evaluation of the recent situation, the trends and sources of infection</u></p>
<p>3. Any recent specific action in the Member State or suggested for the European Union^(b)</p> <p>Notification of yersiniosis is mandatory in Spain, according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network since 2015.</p> <p>The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.</p>
<p>4. Additional information</p> <p>Spanish legislation on Yersinia in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.</p>
<p>* For each zoonotic agent (a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country (b): If applicable</p>

27. Description of Monitoring/Surveillance/Control programmes system*: Yersinia enterocolitica in animal – Pigs

<p>1. Monitoring/Surveillance/Control programmes system^(a)</p> <p><u>Monitoring system</u> <u>Sampling strategy</u></p> <p><u>Animals at slaughter (herd based approach)</u></p> <p><u>Frequency of the sampling</u> <u>Animals at slaughter (herd based approach)</u></p> <p><u>Type of specimen taken</u> <u>Animals at slaughter (herd based approach)</u></p> <p><u>Methods of sampling (description of sampling techniques)</u> <u>Animals at slaughter (herd based approach)</u></p>
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<p>.</p> <p><u>Case definition</u> <u>Animals at slaughter (herd based approach)</u></p> <p><u>Diagnostic/analytical methods used</u> <u>Animals at slaughter (herd based approach)</u></p>
2. Measures in place^(b)
3. Notification system in place to the national competent authority^(c)
4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)
5. Additional information
<p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</p>

28. Description of Monitoring/Surveillance/Control programmes system*: Yersinia spp. in foodstuff

1. Monitoring/Surveillance/Control programmes system^(a)
<p>The control of Yersinia is undergone in all foodstuffs and at all steps of the food chain by regional health authorities performing official control according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety</p>
2. Measures in place^(b)

Official controls performed by regional health authorities in every Autonomous Community.
3. Notification system in place to the national competent authority^(c)
Yes. Please refer to Prevalence Tables
4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)
Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs. Available at: http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm
5. Additional information
The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year. Spanish legislation on Yersinia in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.
* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website. (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website. (c): Mandatory: Yes/No. (d): Minimum five years. (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

29. General evaluation*: Trichinella spp.
1. History of the disease and/or infection in the country^(a)
Trichinellosis is a notifiable zoonosis, cases are usually associated to outbreaks.
2. Evaluation of status, trends and relevance as a source for humans
Most cases are caused by <i>Trichinella spiralis</i> . <i>Trichinella britovi</i> has previously been associated with outbreaks due to the consumption of boar meat, and meat from other wild animals but in the last years <i>T. britovi</i> was associated with pork meat and transmitted through the consumption of meat from a domestic pig.

In Spain coexist domestic and sylvatic cycles. The main circulating species are *T. spiralis* and *T. britovi*, which are widely distributed in our environment, sometimes in mixed infestations of both species. *T. pseudospiralis* was detected, for the first time in 2014 in an infested boar. The importance of the detection of this species lies in the fact that it does not form a capsule and that it could not be detected by the trichinoscopic method.

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Trichinellosis is a notifiable disease according to Royal Decree 2210/1995, laying down the National Epidemiological Surveillance Network.

Official Control activities to prevent and eradicate Trichinosis are performed according to European Regulation (UE) 2015/1375 of 10 August 2015 laying down specific rules on official controls for *Trichinella* in meat, currently in force.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

4. Additional information

In Spain the wild game meat to be sold at retail is regulated by the Spanish Royal Decree 640/2006, of May 26, 2006, laying down specific implementation conditions of the European union rules regarding hygiene practices, as well as foodstuffs production and commercialisation.

According to Article 7 of Regulation (UE) 2015/1375 of 10 August 2015 laying down specific rules on official controls for *Trichinella* in meat, currently in force. Spain has prepared a contingency plan outlining all action to be taken when samples referred to in Articles 2 and 16 test are positive to *Trichinella*.

Spanish legislation on *Trichinella* in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

* For each zoonotic agent

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

30. Description of Monitoring/Surveillance/Control programmes system*: *Trichinella* spp. in foodstuff

1. Monitoring/Surveillance/Control programmes system^(a)

The control of *Trichinella* is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

Official Control activities to prevent and eradicate Trichinosis are performed according to European Regulation (UE) 2015/1375 of 10 August 2015 laying down specific rules on official controls for Trichinella in meat.
Additionally, in Spain, the control of Trichinella in food is carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

For more information on this plan, please refer to the following link:

http://www.aecosan.msssi.gob.es/AECOSAN/docs/documentos/seguridad_alimentaria/pncoca/P4_Mataderos_otros.pdf

2. Measures in place^(b)

The measures are carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

Results of investigations are published in the Annual Report of Program 4 of the Multiannual National Control Plan (MANCP) related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/detalle/revision_sistema_control.htm

5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Trichinella in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents. Wild game meat to be sold at retail is regulated by Spanish Royal Decree 640/2006, of May 26, 2006, laying down specific implementation conditions of the European union rules regarding hygiene practices, as well as foodstuffs production and marketing.

* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing,

serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

31. General evaluation*: Echinococcus spp.

1. History of the disease and/or infection in the country^(a)

In 80s many regions started to set up a control programme based in control of animal echinococcosis and in general people health education and focused in professionals related with animals and at school level. Similar control programmes have been developed in other Autonomous Communities. The implementation of these control programmes got good results in the decrease of the incidence of the disease. Routine post-mortem examination at slaughterhouse has being carried out according to European legislation in force (Hygiene Package).

2. Evaluation of status, trends and relevance as a source for humans

Control programmes in endemic regions got good results in the decrease of the disease at human level. Main source of infection in Spain is cycle between sheep,dog and humans. The epidemiological surveillance of human CE was initiated in the 1950s by the provincial health government authorities, through an active search of cases with individualized information.

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Human echinococcosis was a notifiable disease in some Spanish regions, according to the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network. Since 2015 it is a mandatory disease in all the Spanish regions according to the Ministerial Order SSI/445/2015.

Surveillance according to Directive 2003/99/EEC. Control programmes in endemic regions. Inclusion in National Epidemiology Surveillance Network according to Royal Decree 2210/1995.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

4. Additional information

Spanish legislation on Echinococcus in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

* For each zoonotic agent

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

32. Description of Monitoring/Surveillance/Control programmes system*: Echinococcus spp. in foodstuff

1. Monitoring/Surveillance/Control programmes system^(a)

The control of Echinococcus is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

Additionally, in Spain, the control of Echinococcus in food is carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

For more information on this plan, please refer to the following link:

http://www.aecosan.msssi.gob.es/AECOSAN/docs/documentos/seguridad_alimentaria/pncoca/P4_Mataderos_otros.pdf

2. Measures in place^(b)

The measures are carried out according to program 4 of the Multiannual National Control Plan (MANCP), related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

Results of investigations are published in the Annual Report of Program 4 of the Multiannual National Control Plan (MANCP) related to daily control in slaughterhouses, control of game handling establishments and fighting cattle cutting plants.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/detalle/revision_sistema_control.htm

5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on Echinococcus in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents.

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

33. General evaluation*: Lyssavirus (rabies)

1. History of the disease and/or infection in the country^(a)

Paralytic and furious forms of rabies are described in the second book of the Hunting Agreement in the time of King Alfonso XI (1312-1350). The Royal Assembly of Health publication of 23 November 1786 adopted measures to avoid transmission of rabies controlling movement of dogs and cats. Royal Order of 1863 describes "measures of preservation that one has to follow in each case where the bite has been from a supposed rabid animal" and also set down the measures against rabies in animals, which were to be adopted by Local Authorities. At the beginning of the 20th century the Law of 18 December 1914 and Regulation of 4 June 1915 are approved to prevent the transmission of human. On 12 May 1947 the Ministry of Agriculture issued a General Order establishing the measures to be taken against rabies and a second Order of 1948 established the norms for animal vaccination and control. During the 1950s the first mass dog vaccination campaigns took place. The Epizootics Law of 20 December 1952 established the general regulation

2. Evaluation of status, trends and relevance as a source for humans

Since 1978 Spanish mainland and islands remains free of rabies in terrestrial mammals. Only a few cases of EBL have been reported in bats. These data show that the main source and risk for the apparition of cases of rabies in Spain is the importation of animals with the infection from Morocco and other countries of North Africa.

Since 1975 no human cases with origin in peninsular territory and islands have been reported.

Two fatal cases were imported from Morocco, one in 2014 and the other in 2019.

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Compulsory surveillance of the disease according to article 4 of Directive 2003/99/EEC, came into force by Royal Decree 1940/2004. Compulsory vaccination of dogs in 12 autonomous communities, Ceuta and Melilla. Voluntary in the rest. Studies including active surveillance of LB-1 in bats. Information to the citizens about no manipulation of bats. An Action Plan has been approved, and includes risk evaluation, surveillance, mechanisms to control and a response protocol with four alert levels.

At human level rabies is a notifiable disease according to Royal Decree 2210/1995, laying down the National Epidemiological Surveillance Network.

4. Additional information

*** For each zoonotic agent**

- (a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country
- (b): If applicable

34. Description of Monitoring/Surveillance/Control programmes system*: Lyssavirus (rabies) in animal - Dogs

1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Sampling strategy is targeted at 4 levels:

1. Apparently healthy terrestrial mammals that injure a person and die into the quarantine (kept under observation) period of 14 days or if the animal is suspected to be rabid (euthanasia). Samples are taken by competent authority.

Passive surveillance 2. Dogs and cats imported from third countries not included in part 1 and 2 of Annex II of Council Regulation (EC) No 577/2013 need a neutralising antibody titration at least equal to 0,5 IU/ml carried out in an approved laboratory to enter into Spain according to Council Regulation (EC) No 576/2013

3. Dogs and cats that are going to travel to United Kingdom, Ireland, Sweden, Norway and Malta. Samples are taken by private clinics and analysis performed by an approved laboratory

4. Studies including active surveillance of LB in bats

Frequency of the sampling

Indeterminate

Type of specimen taken

Brain, Blood, Saliva

Methods of sampling (description of sampling techniques)

Brain of dead or sacrificed animals have to be sent to National Reference Laboratory following a protocol of sending. The sample has to be taken with sterility, be submerged in salinum serum and glycerine in 50% solution and send refrigerated quickly. Blood and serum (0,5 ml minimum) have to be sent following a protocol, by a quick transport service refrigerated or frozen.

Case definition

According to Decision No. 2119/98/EC of the European Parliament and of the Council, Commission Decision 2002/253/EC and Commission Decision 2002/543/EC

Diagnostic/analytical methods used

Fluorescent Antibody Test (FAT), Polymerase Chain Reaction followed by DNA sequencing genomic areas, ELISA
2. Measures in place^(b)
<p><u>Vaccination policy</u></p> <p>Compulsory vaccination of dogs in 12 regions, Ceuta and Melilla. Voluntary vaccination of dogs in 5 regions.</p> <p><u>Other preventive measures than vaccination in place</u></p> <p>Control of animals coming from third countries not included in part 1 and 2 of Annex II of Council Regulation (EC) No 577/2013 Identification and registration of dogs. Pick up of stray dogs by council town authorities.</p> <p><u>Control program/mechanisms</u></p> <p>The control program/strategies in place Several regional prevention programmes. Control of imports and exports according to Council Regulation(EC) No 576/2013 and Regulation(EC) No 577/2013</p> <p><u>Recent actions taken to control the zoonoses</u></p> <p>Imports of third countries not included in part 1 and 2 of Annex II of Council Regulation(EC) No 577/2013 An Action Plan has been approved in 2010, and includes risk evaluation, surveillance, mechanisms to control and a response protocol with four alert levels.</p> <p><u>Measures in case of the positive findings or single cases</u></p> <p>Spanish National Contingency Plan against rabies.</p>
3. Notification system in place to the national competent authority^(c)
Since 1952, at least, by Epizootic Law. At the moment by Animal Health Law 8/2003.
4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)
In Spain, there have not been any cases of rabies in dogs since 1978.
5. Additional information
<p><u>Investigations of the human contacts with positive cases</u></p> <p>All the people bitten by a suspected animal are investigated following the protocol " Rules of procedures in case of animal aggressions", published in 2012 (Spanish Contingency Plan). According to the epidemiological situation and the type of contact with the suspected animal, the decision about the application of complete treatment (vaccine and Ig) is taken.</p> <p>In 2013 was updated the protocol " Rules of procedures in case of animal aggressions", that includes risk assessment, actions to be taken after a risk exposition and treatment after a risk exposition and the "Action Plan for rabies in animals" that includes risk evaluation, surveillance, mechanisms to control and a response protocol with four alert levels.</p>
* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (c): Mandatory: Yes/No.
- (d): Minimum five years.
- (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

35. General evaluation*: *Coxiella burnetii* (Q fever)

1. History of the disease and/or infection in the country^(a)

Q fever is a zoonosis with widely extended in the world

2. Evaluation of status, trends and relevance as a source for humans

3. Any recent specific action in the Member State or suggested for the European Union^(b)

At human level Q fever is a notifiable disease according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network.

Positive herd with at least 1 animal confirmed by PCR.

4. Additional information

*** For each zoonotic agent**

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

36. General evaluation*: Toxoplasma spp.

1. History of the disease and/or infection in the country^(a)

Toxoplasmosis in production animals has been associated classically to the production of miscarriage. The main source of infection is linked to the contamination of feed by cat faeces, although the use of dung in pasture natural fertilization has to be considered as an important source of infection for adults. For humans, there are two main sources of infection: contact with cats and consumption of vegetables, water or animal products, mainly sheep and pig meat. In 60's and 70's studies in some regions of Spain detected prevalence between 12-45% in sheep; between 11- 42% in pig; and between 14-36% in cattle. More recent studies seem prevalence between 30-57% in sheep; between 41-62% in pig; and between 25-43% in cattle. In cats, the incidence founded by private clinics are close to 30%.

2. Evaluation of status, trends and relevance as a source for humans

Main sources of infection for humans are cats and consumption of meat insufficient cooked.

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Surveillance according to Directive 2003/99/EC. Primary prevention of the disease with recommendations to prevent infection during pregnancy in Humans

At human level congenital toxoplasmosis is a notifiable disease according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network.

4. Additional information

More studies need to be developed about incidence of congenital toxoplasmosis

* For each zoonotic agent

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

37. General evaluation: Verotoxigenic Escherichia coli (VTEC)

1. History of the disease and/or infection in the country^(a)

Verotoxigenic Escherichia coli have emerged as foodborne pathogens which can cause severe and potentially fatal illness. Ruminants, specially cattle and sheep, have been implicated as the principal reservoir of VTEC. Transmission happened through consumption of undercooked meat, unpasteurized dairy products, vegetables or water contaminated by ruminant faeces. In 2007-2011, 2013, 2015, 2017 and 2019 national active monitoring programmes have been performed in young cattle 1-2 years old at slaughterhouse under a herd based approach.

2. Evaluation of status, trends and relevance as a source for humans

In cattle, the percentage of animals colonized by strain O157:H7 has been similar in last monitoring programmes. Raw beef products are the main source of infection. Small ruminants may also represent a source of transmission of VTEC to humans.

3. Any recent specific action in the Member State or suggested for the European Union^(b)

Surveillance of the disease according to Directive 2003/99/EEC. National monitoring programmes 2007-2011 and 2013 in young cattle 1-2 years old, and in 2017 in calves under 1 year. Compulsory and voluntary monitoring programmes in raw meat of different species of animals, minced meat and meat products, other animal origin products, vegetables and others products.

At human level VTEC is a notifiable disease according to the Ministerial Order SSI/445/2015 that updates the Royal Decree 2210/1995, laying down National Epidemiological Surveillance Network.

The control activities in foodstuffs are made according to Regulation (EC) 178/2002. (I.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

4. Additional information

Diagnostic methods used in food:- Bacteriological method: ISO 16.654:2001.- Method ELISA- PCR-Bax
Spanish legislation on Verotoxigenic Escherichia coli (VTEC) in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

* For each zoonotic agent

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

38. Description of Monitoring/Surveillance/Control programmes system*: Verotoxigenic E. coli (VTEC) in animal - Cattle (bovine animals)

1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Samples have been taken randomly (day of sampling each month) in 23 slaughterhouses (distribution of the number of samples according to the capacity of sacrifice of each slaughterhouse) placed in different regions of Spain and representative of the total volume of sacrifice of the country (around 61,77%) in the year 2019.

Frequency of the sampling

Animals at slaughter (herd based approach), monthly, each two years..

Type of specimen taken

Hair

Methods of sampling (description of sampling techniques)

Abrasive sponges

Diagnostic/analytical methods used

ISO 13136:2010, PCR

2. Measures in place^(b)

Vaccination policy

Does not exist.

Control program/mechanisms

Does not exist.

The monitoring programme will be implemented each 2 years. The next monitoring programme will be performed in 2021.

3. Notification system in place to the national competent authority^(c)

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Number of slaughter batches analysed in 2019: 236

Positive:

VTEC isolated (animals) 50 (21.2%)

VTEC presumptive detections 226 (95.8%)

5. Additional information

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

39. Description of Monitoring/Surveillance/Control programmes system*: Verotoxigenic Escherichia coli (VTEC) in foodstuff

1. Monitoring/Surveillance/Control programmes system^(a)

The control of VTEC is undergone in all foodstuffs and at all steps of the food chain by regional health authorities performing official control according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

Additionally, in Spain, the control of VTEC in food is carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety.

For more information on this plan, please refer to the following link:

http://www.aecosan.msssi.gob.es/AECOSAN/docs/documentos/seguridad_alimentaria/pncoca/P1_1_Criterios_microbiolgicos.pdf

2. Measures in place^(b)

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety

3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

Results of investigations are published in the Annual Report of Program 11 of the Multiannual National Control Plan (MANCP) related to Control of microbiological criteria for food safety.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/detalle/revision_sistema_control.htm

5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into

foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed at all steps of the food chain and to all foodstuffs in compliance with the microbiological criteria laid down in the aforementioned Regulation.

Spanish legislation on VTEC in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

- (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.
- (c): Mandatory: Yes/No.
- (d): Minimum five years.
- (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

40. Description of Monitoring/Surveillance/Control programmes system*: Histamine in foodstuff

1. Monitoring/Surveillance/Control programmes system^(a)

As the control of Histamine in fishery products with a high amount of histidine is in Regulation (EC) No 2073/2005, in Spain, it is undergone under the program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety, by regional health authorities performing official control according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

For more information on this plan, please refer to the following link:

http://www.aecosan.msssi.gob.es/AECOSAN/docs/documentos/seguridad_alimentaria/pncoca/P1_1_Criterios_microbiologicos.pdf

2. Measures in place^(b)

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety

3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

Results of investigations are published in the Annual Report of Program 11 of the Multiannual National Control Plan (MANCP) related to Control of microbiological criteria for food safety.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/detalle/revision_sistema_control.htm

5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed at all steps of the food chain and to all foodstuffs required.

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

41. Description of Monitoring/Surveillance/Control programmes system*: Cronobacter in foodstuff

1. Monitoring/Surveillance/Control programmes system^(a)

As the control of Cronobacter in dried infant formulae and dried dietary foods is in Regulation (EC) No 2073/2005, in Spain, it is undergone under the program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety, by regional health authorities performing official control according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

For more information on this plan, please refer to the following link:

http://www.aecosan.msssi.gob.es/AECOSAN/docs/documentos/seguridad_alimentaria/pncoca/P1_1_Criterios_microbiologicos.pdf

For more information on this plan, please refer to the following link:

2. Measures in place^(b)

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety

3. Notification system in place to the national competent authority^(c)
Yes. Please refer to Prevalence Tables
4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)
<p>Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs. Available at: http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm</p> <p>Results of investigations are published in the Annual Report of Program 11 of the Multiannual National Control Plan (MANCP) related to Control of microbiological criteria for food safety. Available at: http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/detalle/revision_sistema_control.htm</p>
5. Additional information
<p>The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.</p> <p>As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed at all steps of the food chain and to all foodstuffs required.</p>
<p>* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent</p> <p>(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.</p> <p>(c): Mandatory: Yes/No.</p> <p>(d): Minimum five years.</p> <p>(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).</p>

42. Description of Monitoring/Surveillance/Control programmes system*: Staphylococcal enterotoxins in foodstuff

1. Monitoring/Surveillance/Control programmes system^(a)

As the control of Staphylococcal enterotoxins in cheeses, milk powder and whey powder is in Regulation (EC) No 2073/2005, in Spain, it is undergone under the program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety, by regional health authorities performing official control according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements

of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

For more information on this plan, please refer to the following link:

http://www.aecosan.msssi.gob.es/AECOSAN/docs/documentos/seguridad_alimentaria/pncoca/P1_1_Criterios_microbiologicos.pdf

2. Measures in place^(b)

The measures are carried out according to program 11 of the Multiannual National Control Plan (MANCP), related to Control of microbiological criteria for food safety

3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

Results of investigations are published in the Annual Report of Program 11 of the Multiannual National Control Plan (MANCP) related to Control of microbiological criteria for food safety.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/detalle/revision_sistema_control.htm

5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

As a zoonotic agent or its toxin included in Regulation (UE) 2073/2005, this control is performed at all steps of the food chain and to all foodstuffs required.

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

43. Description of Monitoring/Surveillance/Control programmes system*: Cisticercus spp.

1. Monitoring/Surveillance/Control programmes system^(a)

The control of *Cisticercus* is undergone at slaughterhouse by regional health authorities performing official control according to Article 14 of Regulation (EC) N° 178/2002 of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

2. Measures in place^(b)

Official controls performed by regional health authorities in every Autonomous Community.

3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community published in the Annual Report of Trends and sources of zoonoses and zoonotic agents in foodstuffs, animals and feedingstuffs.

Available at:

http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

5. Additional information

The control activities in foodstuffs are carried out according to Regulation (EC) 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs). These activities must be established at all stages of production, processing and distribution. To this end, business operators are required to apply appropriate systems and procedures. Sampling is distributed evenly throughout the year.

Spanish legislation on *Cisticercus* in foodstuff: Royal Decree 1940/2004 of September 27th, relative to surveillance of zoonoses and zoonotic agents

* For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission's website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

44. Food-borne Outbreaks

1. System in place for identification, epidemiological investigations and reporting of food-borne outbreaks

The National Epidemiological Surveillance Network was created by Royal Decree 2210/1995, December 28th. The outbreak system is a basic system within this Network. The reporting of a summary of every investigated outbreak is mandatory. All the outbreaks must be reported immediately at the regional level. At national level it is mandatory to report immediately only those outbreaks which, by law, are defined as being supra-regional (considered to be of national interest), whereas the rest of the outbreaks have to be quarterly reported.

2. Description of the types of outbreaks covered by the reporting

The Spanish System covers all type of outbreaks (household, general and international outbreaks) and due to any agent (biological, chemical, etc.)

3. National evaluation of the reported outbreaks in the country^(a)

In 2018 a total of 514 food-borne outbreaks (producing 5,713cases) have been reported to the National Epidemiological Surveillance Network in Spain.

4. Descriptions of single outbreaks of special interest

Salmonella is the agent more frequently involved in foodborne outbreaks. The most frequent food item mentioned was eggs and eggs products.

5. Control measures or other actions taken to improve the situation

Outbreak investigations as well as necessary control measures are carried out by the health authorities of the regions.

6. Any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation

7. Additional information

Information about places of food production and preparation is not available at national level. In general outbreaks the place of consumption of the food was, mainly, restaurant.

(a): Trends in numbers of outbreaks and numbers of human cases involved, relevance of the different causative agents, food categories and the agent/food category combinations, relevance of the different type of places of food production and preparation in outbreaks, evaluation of the severity of the human cases.

45. Institutions and laboratories involved in antimicrobial resistance monitoring and reporting

MAPA, Spanish Ministry of Agriculture, Fish and Food, through the Sub directorate General for Animal Health, Hygiene and Traceability is the central competent authority for the monitoring and reporting AMR in primary production. The ACs are responsible for sampling.

AESAN, Spanish Agency of Food Safety and Nutrition, through the Sub-directorate General for Co-ordination of Alerts and Official Control Programmes, is the central competent authority for the monitoring and reporting AMR in food.

The **Central Veterinary Laboratory (CVL)** of MAPAMA the National Reference Laboratories (NRLs) for AMR in primary production is involved in isolations and antimicrobial susceptibility testing (AST) of relevant isolates.

The **National Food Centre (CNA)** of AECOSAN the National Reference Laboratories (NRLs) for AMR in food is involved in antimicrobial susceptibility testing (AST) of relevant isolates.

Short description of the institutions and laboratories involved in data collection and reporting

46. General Antimicrobial Resistance Evaluation

1. Situation and epidemiological evolution (trends and sources) regarding AMR to critically important antimicrobials^(a) (CIAs) over time until recent situation

No clear, ascending or descending trend is observed. In Spain, resistance levels are generally high even for critical antibiotics

2. Public health relevance of the findings on food-borne AMR in animals and foodstuffs

The high volume of antibiotics in food-producing animals contributes to the development of antimicrobial-resistant bacteria, particularly in intensive animal production. Antimicrobial-resistant infections in humans can cause longer illnesses, increased frequency of hospitalization, and treatment failures that can result in death. Some types of bacteria have already developed multiresistance, even the critical antibiotics are not the available to treat these infections. For these reasons, this is a crucial problem we need to face in the coming years and more studies are necessary.

3. Recent actions taken to control AMR in food producing animals and food

- Royal Decree 191/2018, which establishes the electronic transmission of data of veterinary prescriptions of antibiotics for animals producing food for human consumption. The main objective of this RD is to obtain the necessary information to know which antibiotics are prescribed in livestock farms and to adopt the necessary measures on the use of antibiotics in veterinary medicine, if it is necessary.

- The animal production sector has made the commitment to reduce the consumption of antibiotics. In order to get that there were established some voluntary programs. It is especially important the "Agreement for Voluntary Reduction of Colistin Consumption in the Porcine Sector", which aims to:

- Reduce the consumption of colistin in swine production. The reduction will be established in sections, with the quantitative target of 5 mg / PCU in the maximum period of three years.

- To control the alternative consumption of antibiotics, avoiding the increase in the consumption of neomycin and / or apramycin as a possible substitution to colistin.

4. Any specific action decided in the Member State or suggestions to the European Union for actions to be taken against food-borne AMR threat

5. Additional information

(a): The CIAs depends on the bacterial species considered and the harmonised set of substances tested within the framework of the harmonised monitoring:

- For *Campylobacter* spp., macrolides (erythromycin) and fluoroquinolones (ciprofloxacin);
- For *Salmonella* and *E. coli*, 3rd and 4th generation cephalosporins (cefotaxime) and fluoroquinolones (ciprofloxacin) and colistin (polymyxin);

47. General Description of Antimicrobial Resistance Monitoring*; *Salmonella* spp. Poultry, unspecified

1. General description of sampling design and strategy^(a)

Sampling strategy used in monitoring

The *Salmonella* control programme in place in Spain. Antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2013/652/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2019 there were collected samples from each population of laying hens, broilers and fattening turkeys sampled in the framework of the national control programmes, established in accordance with Article 5(1) of Regulation (EC) No 2160/2003; the are sent to perform the antibiogram to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV)

Frequency of the sampling

Periodically through the year to test 170 isolates for antimicrobial susceptibility testing

Type of specimen taken

Laying hens: following point 2.2. of the Annex of Commission Regulation (EC) No 517/2011

Broilers: point 2 of the Annex of Commission Regulation (EC) No 200/2012 of 8 March 2012 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards a Community target for the reduction of the prevalence of Salmonella enteritidis and Salmonella typhimurium in broilers.

Turkeys: following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium in turkeys.

Methods of sampling (description of sampling techniques)

Laying hens: following point 2.2. of the Annex of Commission Regulation (EC) No 517/2011.

Broilers: point 2 of the Annex of Commission Regulation (EC) No 200/2012 of 8 March 2012 implementing Regulation (EC) No 2160/2003 of the European Parliament and of the Council as regards a Community target for the reduction of the prevalence of Salmonella enteritidis and Salmonella typhimurium in broilers.

Turkeys: following points 1 and 2 of the Annex of Commission Regulation (EC) 1190/2012 as regards a Community target for the reduction of the prevalence of Salmonella Enteritidis and Salmonella Typhimurium in turkeys.

Procedures for the selection of isolates for antimicrobial testing

All the strains coming from the official control in the frame of Salmonella National Control Programmes (SNCP) are gathered by the NRL who selects for antimicrobial testing no more than one isolate per salmonella serovar from the same epidemiological unit.

After that, in order to reach 170 isolates for each population, a number of strains coming from business operators in the frame of SNCP are selected and requested by the NRL if needed. The selection is made by using an informatics application developed by MAPA and taking into account the even distribution of the strains.

Methods used for collecting data

Spain use an informatics application developed by the Ministry of Agriculture, Fisheries and Food, where the NRL introduce the data, which are sent to the mentioned Ministry and finally they send them to EFSA by the Data Collection Framework.

2. Stratification procedure per animal population and food category

There were collected samples from each population of laying hens, broilers and fattening turkeys sampled in the framework of the national control programmes, established in accordance with Article 5(1) of Regulation (EC) No 2160/2003; the are sent to perform the antibiogram to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV)

3. Randomisation procedure per animal population and food category

All the strains coming from the official control in the frame of Salmonella National Control Programmes (SNCP) are gathered by the NRL who selects for antimicrobial testing no more than one isolate per salmonella serovar from the same epidemiological unit.

After that, in order to reach 170 isolates for each population, a number of strains coming from business operators in the frame of SNCP are selected and requested by the NRL if needed. The selection is made by using an informatics application developed by MAPA and taking into account the even distribution of the strains.

4. Analytical method used for detection and confirmation^(b)

Isolation and identification according to EN/ISO 6579-1
5. Laboratory methodology used for detection of antimicrobial resistance^(C)
<p><u>Antimicrobials included in monitoring</u> ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.</p> <p><u>Cut-off values used in testing</u> The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 1, 2 and 3 of Decision 2013/652 / EU to determine the sensitivity of Salmonella spp. and E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.</p>
6. Results of investigation
Sent through DCF
7. Additional information
<p>* to be filled in per combination of bacterial species/matrix</p> <p>(a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.</p> <p>(b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for <i>Campylobacter</i> spp..</p> <p>(c): Antimicrobials included, Cut-off values</p>

48. General Description of Antimicrobial Resistance Monitoring*; Salmonella spp. in pig carcasses

1. General description of sampling design and strategy^(a)

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of Salmonella Antimicrobial resistance is a National control programme. Sampling is mandatory for the Regional Authorities and voluntary for food business operators.

In 2018 Regional Authorities have collected **samples of pig carcasses** at slaughterhouse and have sent them to the National reference Laboratory (Centro Nacional de Alimentación- CNA) for monitoring AMR according to the Decision 2013/652/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

The activities are made pursuant to Regulation (EC) no 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs must be established at all stages of production, processing and distribution). To this end, business operators are required to apply appropriate systems and procedures.

Sampling frequency:

170 samples per year, distributed in weekly samplings throughout the year and the different regions throughout the country.

Type of specimen taken:

According to the Commission Implementing Decisions 2013/652/EU and 2013/653/EU and Technical specifications, the type of **sample taken is pig carcasses**.

Type of sampling:

Food sample meat, prospective sampling

Sampling method:

Samples are taken randomly at retail in a selected number of Autonomous Communities according to an established schedule and technical procedure.

Methods used for data collection:

Spain uses a computer application developed by the Ministry of Agriculture and Fisheries, Food and Environment, where the NRL introduce the data, which are sent to the mentioned Ministry and finally they send them to EFSA by the Data Collection Framework.

2. Stratification procedure per animal population and food category

The criteria for the selection of the autonomous communities assigned to collect the samples are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. Slaughterhouses processing at least 60 % of production in Spain are selected, starting with the slaughterhouses of largest throughput.

3. Randomisation procedure per animal population and food category

Population stratum (nuts-3 area): provincial level. It is carried out in the provinces (nuts) that cover at least 80% of the national population.

Distribution of samples: Samples are proportionally distributed among the 25 most populated provinces (total more than 80% of the population of Spain) belonging to 13 Autonomous Communities.

Predominant establishment category: establishments which supplies at least 80% of the market for these products. In this case it is the supermarket.

Epidemiological unit: product batch. It can be taken up to 5 different lots of the same product in one visit to the establishment.

The competent Authorities of the Autonomous Communities take samples of strains of Salmonella from broiler carcasses at slaughterhouse and the CNA (NRL) performs the antibiogram.

4. Analytical method used for detection and confirmation^(b)

Detection is performed by public health laboratories in each autonomous community. Confirmation is performed in CNA according to ISO 6579-1 method. Serotyping is carried out at Carlos III Health Institute (CNM-ISCIII) according to serology methods (Agglutination of somatic, flagellar and capsular antigens assay). Accreditation ENAC 175/LE2125. Based on Standard: UNE-EN ISO/IEC 17025: 2005

5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring:

Ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 1, 2 and 3 of Decision 2013/652 / EU to determine the sensitivity of Salmonella spp. and E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

6. Results of investigation

Sent through DCF

7. Additional information

Control programs / strategies put in place:

Spain has developed a National Action Plan (PRAN) to prevent and monitor antimicrobial resistance.

For more information please refer to:

<http://www.resistenciaantibioticos.es/es>

*** to be filled in per combination of bacterial species/matrix**

- (a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.
- (b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for *Campylobacter* spp..
- (c): Antimicrobials included, Cut-off values

49. General Description of Antimicrobial Resistance Monitoring*; Salmonella spp. in bovine < 1 year carcasses

1. General description of sampling design and strategy^(a)

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of Salmonella Antimicrobial resistance is a National control programme. Sampling is mandatory for the Regional Authorities and voluntary for food business operators.

In 2018 Regional Authorities have collected **samples of bovine < 1 year carcasses** at slaughterhouse and have sent them to the National reference Laboratory (Centro Nacional de Alimentación- CNA) for monitoring AMR according to the Decision 2013/652/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

The activities are made pursuant to Regulation (EC) no 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs must be established at all stages of production, processing and distribution). To this end, business operators are required to apply appropriate systems and procedures.

Sampling frequency:

170 samples per year, distributed in weekly samplings throughout the year and the different regions throughout the country.

Type of specimen taken:

According to the Commission Implementing Decisions 2013/652/EU and 2013/653/EU and Technical specifications, the type of sample taken is **bovine < 1 year** carcasses.

Type of sampling:

Food sample meat, prospective sampling

Sampling method:

Samples are taken randomly at retail in a selected number of Autonomous Communities according to an established schedule and technical procedure.

Methods used for data collection:

Spain uses a computer application developed by the Ministry of Agriculture and Fisheries, Food and Environment, where the NRL introduce the data, which are sent to the mentioned Ministry and finally they send them to EFSA by the Data Collection Framework.

2. Stratification procedure per animal population and food category

The criteria for the selection of the autonomous communities assigned to collect the samples are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. Slaughterhouses processing at least 60 % of production in Spain are selected, starting with the slaughterhouses of largest throughput

3. Randomisation procedure per animal population and food category

Population stratum (nuts-3 area): provincial level. It is carried out in the provinces (nuts) that cover at least 80% of the national population.

Distribution of samples: Samples are proportionally distributed among the 25 most populated provinces (total more than 80% of the population of Spain) belonging to 13 Autonomous Communities.

Predominant establishment category: establishments which supplies at least 80% of the market for these products. In this case it is the supermarket.

Epidemiological unit: product batch. It can be taken up to 5 different lots of the same product in one visit to the establishment.

The competent Authorities of the Autonomous Communities take samples of strains of Salmonella from turkey carcasses at slaughterhouse and the CNA (NRL) performs the antibiogram.

4. Analytical method used for detection and confirmation^(b)

Detection is performed by public health laboratories in each autonomous community. Confirmation is performed in CNA according to ISO 6579-1 method. Serotyping is carried out at Carlos III Health Institute (CNM-ISCIII) according to serology methods (Agglutination of somatic, flagellar and capsular antigens assay). Accreditation ENAC 175/LE2125. Based on Standard: UNE-EN ISO/IEC 17025: 2005

5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring:

Ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 1, 2 and 3 of Decision 2013/652 / EU to determine the sensitivity of Salmonella spp. and E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

6. Results of investigation

Sent through DCF

7. Additional information

Control programs / strategies put in place:

Spain has developed a National Action Plan (PRAN) to prevent and monitor antimicrobial resistance.

For more information please refer to:

<http://www.resistenciaantibioticos.es/es>

*** to be filled in per combination of bacterial species/matrix**

- (a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.
- (b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for *Campylobacter* spp..
- (c): Antimicrobials included, Cut-off values

**50. General Description of Antimicrobial Resistance Monitoring*;
Campylobacter spp. Pigs**

1. General description of sampling design and strategy^(a)

Sampling strategy used in monitoring

The control programme in place in Spain for monitoring of *Campylobacter* spp. Antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2013/652/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and comensal bacteria.

In 2019 there were collected caecal samples gathered at slaughter from pigs because the production of pig meat in Spain is more than 10 000 tonnes slaughtered per year. The ACs took samples of caecum of pigs in slaughterhouses.. Then, they send the samplesto the National reference Laboratory (Laboratorio Central de Veterinaria- LCV) in order to isolate, identificate and perform the antibiogram.

Frequency of the sampling

381 samples per year, distributed in weekly samplings throughout the year and the different slaughterhouses throughout the country.

Type of specimen taken

According to the Commission Implementing Decisions 2013/652/EU and Technical specifications, type of samples taken are caecal samples gathered at slaughter from pigs.

Methods of sampling (description of sampling techniques)

Sampling is carried out at 18 slaughterhouses processing 64.06 % of pigs in Spain, starting with the slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly.

Procedures for the selection of isolates for antimicrobial testing

119 C. coli and 1 C. jejuni were isolated and performed the AST.

Methods used for collecting data

Spain use an informatics application developed by the Ministry of Agriculture, Fisheries and Food, where the NRL introduce the data, which are sent to the mentioned Ministry and finally they send them to EFSA through the Data Collection Framework.

2. Stratification procedure per animal population and food category

Previous to start the sampling, a selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing at least 60 % of production in Spain, starting with the slaughterhouses of largest throughput.

3. Randomisation procedure per animal population and food category

Sampling are proportionally distributed according to the volume of production of each slaughterhouse. Sampling is distributed monthly and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

4. Analytical method used for detection and confirmation^(b)

A sterile swab with the faeces samples is used to inoculate into an agar plate mCCDA (Oxoid). The plates are incubated in microaerophilic at 42° for 48 hours.
Identification by PCR

5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring

Erythromycin, ciprofloxacin, gentamicin, nalidixic acid, tetracycline, streptomycin.

Cut-off values used in testing

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 2 of Decision 2013/652 / EU to determine the sensitivity of Campylobacter spp. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI).

accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

6. Results of investigation

Sent through DCF

7. Additional information

* to be filled in per combination of bacterial species/matrix

- (a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.
- (b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for *Campylobacter* spp..
- (c): Antimicrobials included, Cut-off values

51. General Description of Antimicrobial Resistance Monitoring*; *Campylobacter* spp. Calves

1. General description of sampling design and strategy^(a)

Sampling strategy used in monitoring

The control programme in place in Spain for monitoring of *Campylobacter* spp. Antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2013/652/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2019 there were collected caecal samples gathered at slaughter from calves because the production of calve meat in Spain is more than 10 000 tonnes slaughtered per year. The ACs took samples of caecum of pigs in slaughterhouses and they send them to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV) to perform the isolation, identification and perform the antibiogram

Frequency of the sampling

395 samples per year, distributed in weekly samplings throughout the year and the different slaughterhouses throughout the country.

Type of specimen taken

According to the Commission Implementing Decisions 2013/652/EU and Technical specifications, type of samples taken are caecal samples gathered at slaughter from calves.

Methods of sampling (description of sampling techniques)

Sampling is carried out at 23 slaughterhouses processing 61.77% of calves in Spain, starting with the slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly.

Procedures for the selection of isolates for antimicrobial testing

148 C. jejuni and 20 C. Coli were selected randomly, to get an even distribution over the year, for antimicrobial testing.

Methods used for collecting data

Spain use an informatics application developed by the Ministry of Agriculture, Fisheries and Food, where the NRL introduce the data, which are sent to the mentioned Ministry and finally they send them to EFSA through the Data Collection Framework.

2. Stratification procedure per animal population and food category

Previous to start the sampling, A selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing at least 60 % of production in Spain, starting with the slaughterhouses of largest throughput.

3. Randomisation procedure per animal population and food category

Sampling are proportionally distributed according to the volume of production of each slaughterhouse. Sampling is distributed monthly and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

4. Analytical method used for detection and confirmation^(b)

A sterile swab with the faeces samples is used to inoculate into an agar plate mCCDA (Oxoid). The plates are incubated in microaerophilic at 42° for 48 hours.
Identification by PCR

5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring

Erythromycin, ciprofloxacin, gentamicin, nalidixic acid, tetracycline, streptomycin.

Cut-off values used in testing

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 2 of Decision 2013/652 / EU to determine the sensitivity of Campylobacter spp. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

6. Results of investigation

Sent through DCF

7. Additional information

*** to be filled in per combination of bacterial species/matrix**

- (a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.
- (b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for *Campylobacter* spp..
- (c): Antimicrobials included, Cut-off values

52. General Description of Antimicrobial Resistance Monitoring*; *Escherichia coli* non-pathogenic Calves

1. General description of sampling design and strategy^(a)

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of *Escherichia coli*, non-pathogenic Antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2013/652/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2019 there were collected caecal samples gathered at slaughter from calves, because the production of calves meat in Spain is more than 10 000 tonnes slaughtered per year. **The ACs** took samples of caecum of calves in slaughterhouses and they sent them to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV) in order to perform the isolation, identification and the antibiogram.

Sampling frequency:

300 samples per year for ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* and 200 samples per year for indicator commensal *E. coli*, distributed in weekly samplings throughout the year and the different slaughterhouses throughout the country.

Type of specimen taken:

According to the Commission Implementing Decisions 2013/652/EU and Technical specifications, type of samples taken are caecal samples gathered at slaughter from fattening turkeys.

Type of sampling/Method of Sampling:

Sampling are proportionally distributed according to the volume of production of each slaughterhouse is carried out at 23 slaughterhouses processing 61.77% of calves in Spain, starting with the

slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly.

Procedures for the selection of isolates for the antimicrobial test:

170 strains of the 200 isolated indicator commensal E. coli were selected randomly, to get an even distribution over the year, to AST.

We have done 300 samples per year for ESBL-, AmpC- and carbapenemase-producing Escherichia coli and we only sent through DCF the positive ones.

Methods used for data collection:

Spain use an informatic application developed by the Ministry of Agriculture, Fisheries and Food where the NRL introduce the data, which are sent to the mentioned Ministry and finally they send them to EFSA by the Data Collection Framework.

2. Stratification procedure per animal population and food category

Previous to start the sampling, A selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing 60 % of production in Spain, starting with the slaughterhouses of largest throughput.

3. Randomisation procedure per animal population and food category

Sampling are proportionally distributed according to the volume of production of each slaughterhouse. Sampling is distributed monthly and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

4. Analytical method used for detection and confirmation^(b)

Inoculation of Agar McConkey and incubation at 37°C during 18-20h.
Identification by PCR

5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring:

ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 1, 2 and 3 of Decision 2013/652 / EU to determine the sensitivity of Salmonella spp. and E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

6. Results of investigation

Sent through DCF

7. Additional information

* to be filled in per combination of bacterial species/matrix

- (a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.
- (b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for *Campylobacter* spp..
- (c): Antimicrobials included, Cut-off values

53. General Description of Antimicrobial Resistance Monitoring*; *Escherichia coli* non-pathogenic Pigs

1. General description of sampling design and strategy^(a)

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of *Escherichia coli*, non-pathogenic Antimicrobial resistance is a National control programme for monitoring AMR according to the Decision 2013/652/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2019 there were collected caecal samples gathered at slaughter from pigs, because the production of pig meat in Spain is more than 10 000 tonnes slaughtered per year. The ACs took samples of caecum of pigs in slaughterhouses and they sent them to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV) in order to perform the isolation, identification, and the antibiogram.

Sampling frequency:

300 samples per year for ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* and 200 samples per year for indicator commensal *E. coli*, distributed in weekly samplings throughout the year and the different slaughterhouses throughout the country.

Type of specimen taken:

According to the Commission Implementing Decisions 2013/652/EU and Technical specifications, type of samples taken are caecal samples gathered at slaughter from pigs.

Method of Sampling:

Sampling are proportionally distributed according to the volume of production of each slaughterhouse is carried out at 18 slaughterhouses processing 60,66 % of pigs in Spain, starting with the slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly.

Procedures for the selection of isolates for the antimicrobial test:

170 strains of the 200 isolated indicator commensal E. coli were selected randomly, to get an even distribution over the year, to AST.

We have done 300 samples per year for ESBL-, AmpC- and carbapenemase-producing Escherichia coli and we only sent through DCF the positive ones.

Methods used for data collection:

Spain use an informatic application developed by the Ministry of Agriculture, Fisheries and Food, where the NRL introduce the data, which are sent to the mentioned Ministry and finally they send them to EFSA by the Data Collection Framework.

2. Stratification procedure per animal population and food category

Previous to start the sampling, A selection of industrial slaughterhouses has been carried out. The criteria for the selection of establishments are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. This way, we select the slaughterhouse processing 60 % of production in Spain, starting with the slaughterhouses of largest throughput.

3. Randomisation procedure per animal population and food category

Sampling are proportionally distributed according to the volume of production of each slaughterhouse. Sampling is distributed monthly and the day of sampling is selected randomly. The epidemiological unit is considered the group of animals coming from the same farm slaughtered at the same time, this guaranteed that the isolates in the study are not epidemiologically related.

4. Analytical method used for detection and confirmation^(b)

Inoculation of Agar McConkey and incubation at 37°C during 18-20h.
Identification by PCR

5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring:

ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 1, 2 and 3 of Decision 2013/652 / EU to determine the sensitivity of Salmonella spp. and E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

6. Results of investigation

Sent through DCF

7. Additional information

*** to be filled in per combination of bacterial species/matrix**

- (a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.
- (b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for *Campylobacter* spp..
- (c): Antimicrobials included, Cut-off values

54. General Description of Antimicrobial Resistance Monitoring*; *Escherichia coli*, non-pathogenic in fresh bovine meat

1. General description of sampling design and strategy^(a)

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of *E. coli* Antimicrobial resistance is a National control programme. Sampling is mandatory for the Regional Authorities and voluntary for food business operators.

In 2019 Regional Authorities have collected samples of fresh bovine meat at retail and have sent them to the National reference Laboratory (Centro Nacional de Alimentación- CNA) for monitoring AMR according to the Decision 2013/652/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

The activities are made pursuant to Regulation (EC) no 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs must be established at all stages of production, processing and distribution). To this end, business operators are required to apply appropriate systems and procedures.

Sampling frequency:

300 samples per year, distributed in weekly samplings throughout the year and the different regions throughout the country.

Type of specimen taken:

According to the Commission Implementing Decisions 2013/652/EU and 2013/653/EU and Technical specifications, the type of sample taken is fresh bovine meat.

Type of sampling:

Food sample meat, prospective sampling

Sampling method:

Samples are taken randomly at retail in a selected number of Autonomous Communities according to an established schedule and technical procedure.

Procedures for the selection of isolates for the antimicrobial test:

Inoculate one loop-full (10 µl loop) of the overnight culture (BPW) by applying a single streak onto a MacConkey agar plate containing 1 mg/L cefotaxime (CTX). Reference PROTOCOL for selective isolation of presumptive ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* from meat and caecal samples (matrix EQAS) Version 4 (2017).

<p><u>Methods used for data collection:</u> Spain uses a computer application developed by the Ministry of Agriculture and Fisheries, Food and Environment, where the NRL introduce the data, which are sent to the mentioned Ministry and finally they send them to EFSA by the Data Collection Framework.</p>
<p>2. Stratification procedure per animal population and food category</p> <p>The criteria for the selection of the autonomous communities to collect the samples are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. Slaughterhouses processing at least 60 % of production in Spain are selected, starting with the slaughterhouses of largest throughput</p>
<p>3. Randomisation procedure per animal population and food category</p> <p>Population stratum (nuts-3 area): provincial level. It is carried out in the provinces (nuts) that cover at least 80% of the national population. Distribution of samples: Samples are proportionally distributed among the 25 most populated provinces (total more than 80% of the population of Spain) belonging to 13 Autonomous Communities. Predominant establishment category: establishments which supplies at least 80% of the market for these products. In this case it is the supermarket. Epidemiological unit: product batch. It can be taken up to 5 different lots of the same product in one visit to the establishment. The competent Authorities of the Autonomous Communities take samples of fresh broiler meat at retail trade and the CNA (NRL) isolates E.coli strains and performs the antibiogram.</p>
<p>4. Analytical method used for detection and confirmation^(b)</p> <p><u>Laboratory methodology:</u> EURL-AR (National Food Institute of Denmark) PROTOCOL for selective isolation of presumptive ESBL-, AmpC- and carbapenemase-producing Escherichia coli from meat and caecal samples (matrix EQAS) Version 4 (2017). Laboratory used for detection of resistance: NRL, Centro Nacional de Alimentación (CNA).</p>
<p>5. Laboratory methodology used for detection of antimicrobial resistance^(c)</p> <p><u>Antimicrobials included in monitoring:</u> Ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.</p> <p><u>Cut-off values used in testing:</u> The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 1, 2 and 3 of Decision 2013/652 / EU to determine the sensitivity of Salmonella spp. and E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.</p>
<p>6. Results of investigation</p> <p>Sent through DCF</p>
<p>7. Additional information</p>

Control programs / strategies put in place:

Spain has developed a National Action Plan (PRAN) to prevent and monitor antimicrobial resistance.

For more information please refer to:

<http://www.resistenciaantibioticos.es/es>

*** to be filled in per combination of bacterial species/matrix**

(a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.

(b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for *Campylobacter* spp..

(c): Antimicrobials included, Cut-off values

55. General Description of Antimicrobial Resistance Monitoring*; *Escherichia coli*, non-pathogenic in fresh pig meat

1. General description of sampling design and strategy^(a)

Sampling strategy used in monitoring:

The control programme in place in Spain for monitoring of *E.coli* Antimicrobial resistance is a National control programme. Sampling is mandatory for the Regional Authorities and voluntary for food business operators.

In 2019 Regional Authorities have collected samples of fresh pig meat at retail and have sent them to the National reference Laboratory (Centro Nacional de Alimentación- CNA) for monitoring AMR according to the Decision 2013/652/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

The activities are made pursuant to Regulation (EC) no 178/2002 (i.e. rapid alert system, traceability of food, feed, food-producing animals and all substances incorporated into foodstuffs must be established at all stages of production, processing and distribution). To this end, business operators are required to apply appropriate systems and procedures.

Sampling frequency:

300 samples per year, distributed in weekly samplings throughout the year and the different regions throughout the country.

Type of specimen taken:

According to the Commission Implementing Decisions 2013/652/EU and 2013/653/EU and Technical specifications, the type of sample taken is fresh pig meat.

Type of sampling:

Food sample meat, prospective sampling

Sampling method:

Samples are taken randomly at retail in a selected number of Autonomous Communities according to an established schedule and technical procedure.

Procedures for the selection of isolates for the antimicrobial test:

Inoculate one loop-full (10 µl loop) of the overnight culture (BPW) by applying a single streak onto a MacConkey agar plate containing 1 mg/L cefotaxime (CTX). Reference PROTOCOL for selective

isolation of presumptive ESBL-, AmpC- and carbapenemase-producing Escherichia coli from meat and caecal samples (matrix EQAS) Version 4 (2017).

Methods used for data collection:

Spain uses a computer application developed by the Ministry of Agriculture and Fisheries, Food and Environment, where the NRL introduce the data, which are sent to the mentioned Ministry and finally they send them to EFSA by the Data Collection Framework.

2. Stratification procedure per animal population and food category

The criteria for the selection of the autonomous communities to collect the samples are based on the production level of the slaughterhouses in relation to the national production and their geographical situation. Slaughterhouses processing at least 60 % of production in Spain are selected, starting with the slaughterhouses of largest throughput

3. Randomisation procedure per animal population and food category

Population stratum (nuts-3 area): provincial level. It is carried out in the provinces (nuts) that cover at least 80% of the national population.

Distribution of samples: Samples are proportionally distributed among the 25 most populated provinces (total more than 80% of the population of Spain) belonging to 13 Autonomous Communities.

Predominant establishment category: establishments which supplies at least 80% of the market for these products. In this case it is the supermarket.

Epidemiological unit: product batch. It can be taken up to 5 different lots of the same product in one visit to the establishment.

The competent Authorities of the Autonomous Communities take samples of fresh broiler meat at retail trade and the CNA (NRL) isolates E.coli strains and performs the antibiogram.

4. Analytical method used for detection and confirmation^(b)

Laboratory methodology:

EURL-AR (National Food Institute of Denmark) PROTOCOL for selective isolation of presumptive ESBL-, AmpC- and carbapenemase-producing Escherichia coli from meat and caecal samples (matrix EQAS) Version 4 (2017).

Laboratory used for detection of resistance: NRL, Centro Nacional de Alimentación (CNA).

5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring:

Ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Tables 1, 2 and 3 of Decision 2013/652 / EU to determine the sensitivity of Salmonella spp. and E. coli. Dilutions are performed according to the methods described by the European Committee on Antimicrobial Susceptibility Testing (Eucast) and the Clinical and Laboratory Standards Institute (CLSI), accepted as an international reference method (ISO 20776-1: 2006) .EN 14.11.2013 Official Journal of the European Union L 303/33.

6. Results of investigation

Sent through DCF

7. Additional information

Control programs / strategies put in place:

Spain has developed a National Action Plan (PRAN) to prevent and monitor antimicrobial resistance.

For more information please refer to:

<http://www.resistenciaantibioticos.es/es>

*** to be filled in per combination of bacterial species/matrix**

- (a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.
- (b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for *Campylobacter* spp..
- (c): Antimicrobials included, Cut-off values