

Spain

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

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

IN 2021

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 2021.

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)	122,143	5,635,296
	Cattle (bovine animals) - calves (under 1 year)	21,057	2,503,722
	Cattle (bovine animals) - dairy cows and heifers	12,667	811,129
	Cattle (bovine animals) - meat production animals	88,419	2,320,445
Ducks	Ducks - breeding flocks, unspecified	3	35,326
Gallus gallus (fowl)	Gallus gallus (fowl) - breeding flocks, unspecified	225	11,722,484
	Gallus gallus (fowl) - broilers	4,946	339,494,244
	Gallus gallus (fowl) - grandparent breeding flocks, unspecified - unspecified	51	15,829,287
	Gallus gallus (fowl) - laying hens	1,495	32,615,630
	Gallus gallus (fowl) - parent breeding flocks, unspecified - unspecified	371	41,653,915
Geese	Geese - breeding flocks, unspecified	2	257
Pigs	Pigs	70,073	31,442,419
	Pigs - breeding animals	4,487	4,280,487
	Pigs - breeding animals - unspecified - sows and boars	404	3,086,472
	Pigs - fattening pigs	54,263	20,439,637
	Pigs - mixed herds	10,919	3,635,823
Small ruminants	Goats	60,760	4,841,574
	Sheep	98,418	27,932,701
Solipeds, domestic	Solipeds, domestic - horses	191,979	652,620
Turkeys	Turkeys - breeding flocks, unspecified	30	158,350
	Turkeys - meat production flocks	830	10,079,230

DISEASE STATUS TABLES

Table Bovine brucellosis in countries and regions that do not receive Community co-financing for eradication programme

Region	Zoonotic agent	Number of herds with status officially free	Number of infected herds	Total number of herds
SPAIN	Brucella	112,788	0	112,799

Table Ovine or Caprine brucellosis in countries and regions that do not receive Community co-financing for eradication programme

Region	Zoonotic agent	Number of herds with status officially free	Number of infected herds	Total number of herds
SPAIN	Brucella melitensis	106,369	9	106,389

DISEASE STATUS TABLES

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

Region	Zoonotic agent	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
SPAIN	Mycobacterium tuberculosis complex (MTC)	6,679,728	5,339,389	5,272,139	5,246,168	13,517
Galicia	Mycobacterium tuberculosis complex (MTC)	951,744	859,959	813,537	813,537	8
Principado de Asturias	Mycobacterium tuberculosis complex (MTC)	397,384	365,953	365,953	365,953	319
Cantabria (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	272,484	268,917	268,828	268,828	213
País Vasco	Mycobacterium tuberculosis complex (MTC)	134,072	109,455	97,773	95,524	0
Comunidad Foral de Navarra	Mycobacterium tuberculosis complex (MTC)	122,188	102,421	102,421	102,421	15
La Rioja (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	42,085	39,320	39,320	28,523	302
Aragón	Mycobacterium tuberculosis complex (MTC)	365,618	117,850	117,603	117,603	31
Comunidad de Madrid (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	93,124	74,339	74,339	74,339	217
Castilla y León	Mycobacterium tuberculosis complex (MTC)	1,393,627	1,184,417	1,184,417	1,184,417	1,962
Castilla-La Mancha	Mycobacterium tuberculosis complex (MTC)	511,196	359,316	359,316	359,316	1,938
Extremadura	Mycobacterium tuberculosis complex (MTC)	1,021,874	968,980	968,980	964,572	3,391
Cataluña	Mycobacterium tuberculosis complex (MTC)	622,367	256,145	255,968	254,745	267

Region	Zoonotic agent	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
Comunitat Valenciana	Mycobacterium tuberculosis complex (MTC)	53,553	31,521	31,521	31,521	142
Illes Balears	Mycobacterium tuberculosis complex (MTC)	26,842	13,045	13,045	13,045	0
Andalucía	Mycobacterium tuberculosis complex (MTC)	574,760	547,127	538,494	531,200	4,712
Región de Murcia	Mycobacterium tuberculosis complex (MTC)	75,264	22,681	22,681	22,681	0
Canarias (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	21,546	17,943	17,943	17,943	0

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

Region	Zoonotic agent	Number of new positive herds	Total number of herds	Number of herds under the program	Number of herds under the program tested/checked	Number of positive herds
SPAIN	Mycobacterium tuberculosis complex (MTC)	862	106,867	105,525	96,411	1,424
Galicia	Mycobacterium tuberculosis complex (MTC)	4	30,320	30,318	24,305	4
Principado de Asturias	Mycobacterium tuberculosis complex (MTC)	15	14,384	14,384	13,733	16
Cantabria (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	44	6,516	6,503	6,499	45
País Vasco	Mycobacterium tuberculosis complex (MTC)	0	4,989	4,989	3,442	0
Comunidad Foral de Navarra	Mycobacterium tuberculosis complex (MTC)	3	1,550	1,550	1,550	3
La Rioja (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	6	313	300	300	12
Aragón	Mycobacterium tuberculosis complex (MTC)	3	3,272	3,260	3,248	4

Region	Zoonotic agent	Number of new positive herds	Total number of herds	Number of herds under the program	Number of herds under the program tested/checked	Number of positive herds
Comunidad de Madrid (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	24	1,418	1,352	1,267	35
Castilla y León	Mycobacterium tuberculosis complex (MTC)	182	16,521	16,499	16,499	221
Castilla-La Mancha	Mycobacterium tuberculosis complex (MTC)	85	3,148	2,513	2,423	217
Extremadura	Mycobacterium tuberculosis complex (MTC)	283	10,592	10,308	10,238	443
Cataluña	Mycobacterium tuberculosis complex (MTC)	3	4,883	4,856	4,852	3
Comunitat Valenciana	Mycobacterium tuberculosis complex (MTC)	7	595	592	592	7
Illes Balears	Mycobacterium tuberculosis complex (MTC)	0	571	571	230	0
Andalucía	Mycobacterium tuberculosis complex (MTC)	203	6,773	6,508	6,298	414
Región de Murcia	Mycobacterium tuberculosis complex (MTC)	0	325	325	325	0
Canarias (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	0	697	697	610	0

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

Region	Zoonotic agent	Total number of herds under the program, at the end of the period	Total number of animals under the program, 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	Mycobacterium tuberculosis complex (MTC)	103,307	6,224,489	100,181	5,825,917
Galicia	Mycobacterium tuberculosis complex (MTC)	28,740	956,903	28,724	955,951
Principado de Asturias	Mycobacterium tuberculosis complex (MTC)	13,987	373,455	13,978	373,032

Region	Zoonotic agent	Total number of herds under the program, at the end of the period	Total number of animals under the program, 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
Cantabria (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	6,328	267,374	6,242	262,854
País Vasco	Mycobacterium tuberculosis complex (MTC)	4,989	134,072	4,989	134,072
Comunidad Foral de Navarra	Mycobacterium tuberculosis complex (MTC)	1,550	122,188	1,547	122,057
La Rioja (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	300	39,226	286	37,379
Aragón	Mycobacterium tuberculosis complex (MTC)	2,894	392,433	2,878	391,342
Comunidad de Madrid (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	1,352	87,024	1,308	82,705
Castilla y León	Mycobacterium tuberculosis complex (MTC)	16,499	1,184,417	15,649	1,064,244
Castilla-La Mancha	Mycobacterium tuberculosis complex (MTC)	2,502	381,551	2,138	318,968
Extremadura	Mycobacterium tuberculosis complex (MTC)	10,782	972,809	9,828	841,819
Cataluña	Mycobacterium tuberculosis complex (MTC)	4,840	614,999	4,834	614,479
Comunitat Valenciana	Mycobacterium tuberculosis complex (MTC)	591	53,169	561	50,744
Illes Balears	Mycobacterium tuberculosis complex (MTC)	571	26,842	571	26,842
Andalucía	Mycobacterium tuberculosis complex (MTC)	6,360	521,217	5,627	453,023
Región de Murcia	Mycobacterium tuberculosis complex (MTC)	325	75,264	324	74,860
Canarias (NUTS level 2)	Mycobacterium tuberculosis complex (MTC)	697	21,546	697	21,546

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 - fallow deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	10	0	Brucella	0
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	293	0	Brucella	0
	Deer - wild - roe deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	83	0	Brucella	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	3319	98	Brucella suis - biovar 2	98

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
Not Available	Cheeses made from cows' 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 Madrid	Microbiological special tests	1	0	Brucella	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 Madrid	Microbiological special tests	1	0	Brucella	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 Madrid	Microbiological special tests	2	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	413	158	Campylobacter coli	24
							Campylobacter jejuni	144
	Pigs - fattening pigs - Slaughterhouse - Spain - animal sample - caecum - Monitoring - active - Official sampling - Objective sampling	N.A	Not Available	slaughter animal batch	422	207	Campylobacter coli	202
							Campylobacter jejuni	5

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/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	9	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/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	12	0	Campylobacter	0
	Cheeses made from cows' 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/feeder)	10	Gram	Data from Castilla-La Mancha	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
Data from Catalunya					ISO 10272-1:2017 Campylobacter	15	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/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	4	0	Campylobacter	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	10	0	Campylobacter	0
	Cheeses made from goats' 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/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	5	0	Campylobacter	0
	Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	7	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/feeder)	10	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/feeder)	10	Gram	Data from Castilla-La Mancha	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0
	Cheeses made from sheep's milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Castilla-La Mancha	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	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 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	4	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	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	25	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - fresh - 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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	15	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - fresh - 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 Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-1:2017 Campylobacter	3	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	ISO 10272-1:2017 Campylobacter	3	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	10	0	Campylobacter	0
	Cured seasoned pork meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	27	0	Campylobacter	0
	Meat from bovine animals - 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	3	0	Campylobacter	0
	Meat from bovine animals - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 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	Meat from bovine animals - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	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 - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	19	0	Campylobacter	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	2	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Madrid	ISO 10272-2:2017 Campylobacter	635	139	Campylobacter, unspecified sp.	139
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feeder)	10	Gram	Data from Castilla-La Mancha	ISO 10272-2:2017 Campylobacter	50	41	Campylobacter, unspecified sp.	41
Data from Comunidad Valenciana					ISO 10272-2:2017 Campylobacter	100	62	Campylobacter, unspecified sp.	62	
Data from Comunidad Valenciana_ Lab Val					ISO 10272-2:2017 Campylobacter	150	88	Campylobacter, unspecified sp.	88	
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feeder)	10	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	357	357	Campylobacter, unspecified sp.	357
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Madrid	Enumeration method	75	75	Campylobacter, unspecified sp.	75
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from La Rioja	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	60	28	Campylobacter, unspecified sp.	28
					Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	25	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official, based on Regulation 2019/627 - Objective sampling	single (food/feeder)	10	Gram	Data from Euskadi	Enumeration method	45	25	Campylobacter, unspecified sp.	25
					Data from Extremadura	Enumeration method	45	10	Campylobacter, unspecified sp.	10
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feeder)	10	Gram	DATA FROM ANDALUCIA	ISO 10272-2:2017 Campylobacter	100	36	Campylobacter, unspecified sp.	36
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	data from Navarra	ISO 10272-1:2017 Campylobacter	307	69	Campylobacter, unspecified sp.	69
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	7	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Principado de Asturias	ISO 10272-1:2017 Campylobacter			Campylobacter coli	15
									Campylobacter jejuni	30

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 - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	15	5	Campylobacter, unspecified sp.	5
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	7	3	Campylobacter, unspecified sp.	3
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from La Rioja	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	30	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat products - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	5	2	Campylobacter, unspecified sp.	2
	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/feeder)	10	Gram	Data from Euskadi	ISO 10272-1:2017 Campylobacter	30	10	Campylobacter, unspecified sp.	10
	Meat from horse - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	5	0	Campylobacter	0
	Meat from other poultry species - carcase - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	1	Campylobacter, unspecified sp.	1
	Meat from other poultry species - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	2	1	Campylobacter coli	1
	Meat from pig - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	10	0	Campylobacter	0
	Meat from pig - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	4	0	Campylobacter	0
	Meat from pig - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	2	0	Campylobacter	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	32	0	Campylobacter	0
	Meat from poultry, unspecified - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	15	13	Campylobacter coli Campylobacter jejuni Campylobacter, unspecified sp.	1 11 1
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	10	6	Campylobacter coli Campylobacter jejuni	4 2
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	7	2	Campylobacter coli Campylobacter jejuni	1 2
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	8	0	Campylobacter	0
	Meat from rabbit - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	ISO 10272-1:2017 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	Meat from rabbit - meat products - pâté - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Catalunya	ISO 10272-1:2017 Campylobacter	22	0	Campylobacter	0
	Meat from sheep - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Madrid	ISO 10272-1:2017 Campylobacter	4	2	Campylobacter coli Campylobacter jejuni	1 1
	Meat from sheep - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Madrid	ISO 10272-1:2017 Campylobacter	22	10	Campylobacter coli Campylobacter jejuni Campylobacter, unspecified sp.	7 1 2
	Meat from sheep - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	2	0	Campylobacter	0
	Meat from sheep - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	10	3	Campylobacter coli Campylobacter jejuni	2 2
	Meat from sheep - fresh - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Madrid	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat from turkey - fresh - 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)	10	1	Campylobacter jejuni	1
	Meat from turkey - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	4	1	Campylobacter, unspecified sp.	1
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	5	0	Campylobacter	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	1	Campylobacter, unspecified sp.	1
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from La Rioja	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	5	2	Campylobacter, unspecified sp.	2
	Meat from turkey - 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)	10	Gram	Data from Euskadi	ISO 10272-1:2017 Campylobacter	2	1	Campylobacter, unspecified sp.	1
	Meat, mixed meat - 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	ISO 10272-1:2017 Campylobacter	5	0	Campylobacter	0
			25	Gram	Data from Aragon	ISO 10272-1:2017 Campylobacter	1	0	Campylobacter	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from La Rioja	ISO 10272-1:2017 Campylobacter	5	0	Campylobacter	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 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	Milk, cows' - raw milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	2	0	Campylobacter	0
	Other processed food products and prepared dishes - egg based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 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 - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	3	0	Campylobacter	0
	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	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 Canarias	Alternative method validated against the reference method ISO 10272-2:2017 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	Ready-to-eat salads - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Sauce and dressings - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Soups - ready-to-eat - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 10272-2:2017 Campylobacter	1	0	Campylobacter	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from La Rioja	ISO 10272-1:2017 Campylobacter	15	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	7	2	2	Coxiella burnetii	2
	Goats - Farm - Spain - animal sample - Monitoring - passive - Official sampling - Suspect sampling	herd/flock	N_A	PCR	81	10	10	Coxiella burnetii	10
	Sheep - Farm - Spain - animal sample - Monitoring - passive - Official sampling - Suspect sampling	herd/flock	N_A	PCR	8	7	7	Coxiella burnetii	7

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	Follow-on formulae - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Galicia	ISO 22964:2017 Cronobacter	11	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes 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)	10	Gram	Data from Principado de Asturias	ISO 22964:2017 Cronobacter	30	0	Cronobacter	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	ISO 22964:2017 Cronobacter	3	0	Cronobacter	0
Data from Castilla y León					ISO 22964:2017 Cronobacter	25	0	Cronobacter	0	
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	ISO 22964:2017 Cronobacter	5	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	ISO 22964:2017 Cronobacter	8	0	Cronobacter	0
Data from Galicia					ISO 22964:2017 Cronobacter	8	0	Cronobacter	0	
Data from Castilla y León					ISO 22964:2017 Cronobacter	5	0	Cronobacter	0	
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 22964:2017 Cronobacter	21	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Navarra	PCR	5	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	ISO 22964:2017 Cronobacter	5	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 22964:2017 Cronobacter	2	0	Cronobacter	0
Data from Madrid					ISO 22964:2017 Cronobacter	5	0	Cronobacter	0	
	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid	ISO 22964:2017 Cronobacter	5	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) - calves (under 1 year) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	22091	1	Cysticercus, unspecified sp.	1
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Datos from Galicia	Visual inspection	animal	395276	33	Cysticercus, unspecified sp.	33
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	393133	11	Cysticercus, unspecified sp.	11
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Euskadi	Visual inspection	animal	42681	5	Cysticercus of Taenia saginata	5
		Data from Extremadura	Visual inspection	animal	126232	0	Cysticercus	0
		Data from Navarra	Visual inspection	animal	42683	0	Cysticercus	0
	Cattle (bovine animals) - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Cantabria	Visual inspection	animal	39458	0	Cysticercus	0
	Cattle (bovine animals) - others - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	40253	3	Cysticercus, unspecified sp.	3
	Cattle (bovine animals) - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	1090	0	Cysticercus	0
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	98503	0	Cysticercus	0
		Data from Canarias	Visual inspection	animal	10790	5	Cysticercus, unspecified sp.	5
		Data from Castilla-La Mancha	Visual inspection	animal	185752	48	Cysticercus, unspecified sp.	48
		Data from Catalunya	Visual inspection	animal	510492	15	Cysticercus, unspecified sp.	15
		Data from Comunidad Valenciana	Visual inspection	animal	282023	0	Cysticercus	0
		Data from Madrid	Visual inspection	animal	142191	0	Cysticercus	0
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	Data from Catalunya	Histology	animal	18	4	Cysticercus of Taenia saginata	4
	Deer - farmed - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	1195	0	Cysticercus	0
	Deer - wild - fallow deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Visual inspection	animal	3168	0	Cysticercus	0
		Data from Madrid	Visual inspection	animal	35	0	Cysticercus	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	456	0	Cysticercus	0
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	69490	0	Cysticercus	0
		Data from Castilla-La Mancha	Visual inspection	animal	42178	0	Cysticercus	0
		Data from Madrid	Visual inspection	animal	968	0	Cysticercus	0
	Deer - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	1196	0	Cysticercus	0
	Deer - wild - roe deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Visual inspection	animal	75	0	Cysticercus	0
	Deer - wild - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	138	0	Cysticercus	0
	Goats - animals over 1 year - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	21994	855	Cysticercus, unspecified sp.	855
	Goats - animals under 1 year - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	75304	3411	Cysticercus, unspecified sp.	3,411
	Goats - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Datos from Galicia	Visual inspection	animal	6904	253	Cysticercus, unspecified sp.	253

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 - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	9189	0	Cysticercus	0
	Goats - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Cantabria	Visual inspection	animal	490	0	Cysticercus	0
	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	460683	3829	Cysticercus, unspecified sp.	3,829
		Data from Canarias	Visual inspection	animal	28360	841	Cysticercus, unspecified sp.	841
		Data from Castilla-La Mancha	Visual inspection	animal	100305	4691	Cysticercus, unspecified sp.	4,691
		Data from Catalunya	Visual inspection	animal	78787	2224	Cysticercus, unspecified sp.	2,224
		Data from Madrid	Visual inspection	animal	12857	1187	Cysticercus, unspecified sp.	1,187
		Data from Navarra	Visual inspection	animal	4894	31	Cysticercus, unspecified sp.	31
	Mouflons - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	4467	0	Cysticercus	0
		Data from Castilla-La Mancha	Visual inspection	animal	2635	0	Cysticercus	0
	Mouflons - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	313	0	Cysticercus	0
	Pigs - breeding animals - not raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Datos from Galicia	Visual inspection	animal	1003919	200	Cysticercus, unspecified sp.	200
	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	6502	0	Cysticercus	0
		Data from Madrid	Visual inspection	animal	54	0	Cysticercus	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 ANDALUCIA	Visual inspection	animal	2294	0	Cysticercus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	41876	0	Cysticercus	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	3398446	193	Cysticercus, unspecified sp.	193
		Data from Euskadi	Visual inspection	animal	12976	0	Cysticercus	0
		Data from Extremadura	Visual inspection	animal	574177	1	Cysticercus of Taenia solium	1
		Data from Madrid	Visual inspection	animal	541313	1	Cysticercus, unspecified sp.	1
		Data from Navarra	Visual inspection	animal	50377	16	Cysticercus, unspecified sp.	16
		Data from Principado de Asturias	Visual inspection	animal	45006	0	Cysticercus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Cantabria	Visual inspection	animal	562	0	Cysticercus	0
	Pigs - fattening pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	6998977	1140	Cysticercus, unspecified sp.	1,140
	Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Canarias	Visual inspection	animal	66146	6	Cysticercus, unspecified sp.	6
		Data from Castilla-La Mancha	Visual inspection	animal	4389153	117	Cysticercus, unspecified sp.	117
		Data from Catalunya	Visual inspection	animal	23927688	1228	Cysticercus, unspecified sp.	1,228
	Sheep - animals over 1 year - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	315137	2885	Cysticercus, unspecified sp.	2,885
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3117399	47516	Cysticercus, unspecified sp.	47,516
	Sheep - meat production animals - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Datos from Galicia	Visual inspection	animal	32998	1492	Cysticercus, unspecified sp.	1,492
	Sheep - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	259175	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	Sheep - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Cantabria	Visual inspection	animal	395	0	Cysticercus	0
	Sheep - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	541458	5004	Cysticercus, unspecified sp.	5,004
		Data from Canarias	Visual inspection	animal	10406	116	Cysticercus, unspecified sp.	116
		Data from Castilla-La Mancha	Visual inspection	animal	1194754	89277	Cysticercus, unspecified sp.	89,277
		Data from Catalunya	Visual inspection	animal	1098259	42595	Cysticercus, unspecified sp.	42,595
		Data from Madrid	Visual inspection	animal	121872	4048	Cysticercus, unspecified sp.	4,048
		Data from Navarra	Visual inspection	animal	385197	7877	Cysticercus, unspecified sp.	7,877
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Cantabria	Visual inspection	animal	647	0	Cysticercus	0
	Solipeds, domestic - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3246	110	Cysticercus, unspecified sp.	110
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	651	0	Cysticercus	0
	Wild boars - farmed - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	375	0	Cysticercus	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	59109	17	Cysticercus, unspecified sp.	17
		Data from Castilla-La Mancha	Visual inspection	animal	34426	0	Cysticercus	0
		Data from Catalunya	Visual inspection	animal	14988	16	Cysticercus, unspecified sp.	16
		Data from Madrid	Visual inspection	animal	353	0	Cysticercus	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	1778	0	Cysticercus	0
	Wild boars - wild - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	71	0	Cysticercus	0

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 - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	80445	1177	Echinococcus granulosus sensu lato	1,177
	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	22091	3	Echinococcus granulosus sensu lato	3
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Euskadi	Visual inspection	animal	42681	43	Echinococcus granulosus sensu lato	43
		Data from Extremadura	Visual inspection	animal	12623	1090	Echinococcus granulosus sensu lato	1,090
		Data from Galicia	Visual inspection	animal	39527	3899	Echinococcus granulosus sensu lato	3,899
		Data from Navarra	Visual inspection	animal	42683	5	Echinococcus granulosus sensu lato	5
	Cattle (bovine animals) - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	data from Cantabria	Visual inspection	animal	39458	223	Echinococcus granulosus sensu lato	223
	Cattle (bovine animals) - others - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	31268	70	Echinococcus granulosus sensu lato	70
	Cattle (bovine animals) - others - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	40253	170	Echinococcus granulosus sensu lato	170
	Cattle (bovine animals) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	N_A	Visual inspection	animal	8074	1	Echinococcus granulosus sensu lato	1
	Cattle (bovine animals) - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	1090	0	Echinococcus	0
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	98503	430	Echinococcus granulosus sensu lato	430
		Data from Canarias	Visual inspection	animal	10790	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	18575	390	Echinococcus granulosus sensu lato	390
		Data from Catalunya	Visual inspection	animal	51049	146	Echinococcus granulosus sensu lato	146
		Data from Comunidad Valenciana	Visual inspection	animal	28202	24	Echinococcus granulosus sensu lato	24
		Data from Madrid	Visual inspection	animal	14219	3631	Echinococcus granulosus sensu lato	3,631
	Deer - farmed - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	1195	0	Echinococcus	0
	Deer - wild - fallow deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Visual inspection	animal	3168	0	Echinococcus	0
		Data from Madrid	Visual inspection	animal	35	0	Echinococcus	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	456	0	Echinococcus	0
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	69490	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	42178	0	Echinococcus	0
		Data from Extremadura	Visual inspection	animal	37426	0	Echinococcus	0
		Data from Madrid	Visual inspection	animal	968	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	13	0	Echinococcus	0
	Deer - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	29556	2	Echinococcus granulosus sensu lato	2
		Data from Madrid	Visual inspection	animal	1196	0	Echinococcus	0
	Deer - wild - roe deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Visual inspection	animal	75	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	Deer - wild - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	138	0	Echinococcus	0
	Goats - animals over 1 year - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	21994	133	Echinococcus granulosus sensu lato	133
	Goats - animals under 1 year - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	75304	49	Echinococcus granulosus sensu lato	49
	Goats - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	9189	6	Echinococcus granulosus sensu lato	6
		Data from Galicia	Visual inspection	animal	6904	1	Echinococcus granulosus sensu lato	1
		Data from Navarra	Visual inspection	animal	4894	9	Echinococcus granulosus sensu lato	9
	Goats - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	data from Cantabria	Visual inspection	animal	490	0	Echinococcus	0
	Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	46068 3	3294	Echinococcus granulosus sensu lato	3,294
		Data from Canarias	Visual inspection	animal	38360	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	10030 5	308	Echinococcus granulosus sensu lato	308
		Data from Comunidad Valenciana	Visual inspection	animal	49939	0	Echinococcus	0
		Data from Madrid	Visual inspection	animal	12857	3	Echinococcus granulosus sensu lato	3
		Data from Principado de Asturias	Visual inspection	animal	3055	0	Echinococcus	0
	Mouflons - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	4464	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	2635	0	Echinococcus	0
	Mouflons - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	313	0	Echinococcus	0
	Pigs - breeding animals - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Galicia	Visual inspection	animal	10039 19	21	Echinococcus granulosus sensu lato	21
	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	6502	33	Echinococcus granulosus sensu lato	33
		Data from Madrid	Visual inspection	animal	54	2	Echinococcus granulosus sensu lato	2
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	2294	0	Echinococcus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	41876	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	33984 46	667	Echinococcus granulosus sensu lato	667
		data from Cantabria	Visual inspection	animal	562	0	Echinococcus	0
		Data from Extremadura	Visual inspection	animal	57417 7	640	Echinococcus granulosus sensu lato	640
		Data from Madrid	Visual inspection	animal	54131 3	1	Echinococcus granulosus sensu lato	1
		Data from Navarra	Visual inspection	animal	50377	2	Echinococcus granulosus sensu lato	2
		Data from Principado de Asturias	Visual inspection	animal	45006	3	Echinococcus granulosus sensu lato	3
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - Surveillance - Official sampling - Census	Data from Illes Balears	Visual inspection	animal	10236 9	2	Echinococcus granulosus sensu lato	2
	Pigs - fattening pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	69989 77	557	Echinococcus granulosus sensu lato	557
	Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Canarias	Visual inspection	animal	66146	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	43891 53	338	Echinococcus granulosus sensu lato	338

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 - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Catalunya	Visual inspection	animal	23927 688	448	Echinococcus granulosus sensu lato	448
	Sheep - animals over 1 year - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	31513 7	9790	Echinococcus granulosus sensu lato	9,790
	Sheep - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Euskadi	Visual inspection	animal	7854	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	1945	43	Echinococcus granulosus sensu lato	43
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	31173 99	401	Echinococcus granulosus sensu lato	401
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	7891	0	Echinococcus	0
	Sheep - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	25917 5	91	Echinococcus granulosus sensu lato	91
		Data from Galicia	Visual inspection	animal	32998	8	Echinococcus granulosus sensu lato	8
		Data from Navarra	Visual inspection	animal	38519 7	595	Echinococcus granulosus sensu lato	595
	Sheep - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	data from Cantabria	Visual inspection	animal	395	0	Echinococcus	0
	Sheep - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	54145 8	4965	Echinococcus granulosus sensu lato	4,965
		Data from Canarias	Visual inspection	animal	10406	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	11947 54	11369	Echinococcus granulosus sensu lato	11,369
		Data from Catalunya	Visual inspection	animal	10982 59	34	Echinococcus granulosus sensu lato	34
		Data from Comunidad Valenciana	Visual inspection	animal	58501 8	0	Echinococcus	0
		Data from Madrid	Visual inspection	animal	12187 2	1673	Echinococcus granulosus sensu lato	1,673
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	data from Cantabria	Visual inspection	animal	647	0	Echinococcus	0
	Solipeds, domestic - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3246	0	Echinococcus	0
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	651	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	51	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	2042	0	Echinococcus	0
	Wild boars - farmed - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	375	0	Echinococcus	0
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	59109	0	Echinococcus	0
		Data from Castilla-La Mancha	Visual inspection	animal	34426	0	Echinococcus	0
		Data from Extremadura	Visual inspection	animal	25294	0	Echinococcus	0
		Data from Madrid	Visual inspection	animal	353	0	Echinococcus	0
		Data from Principado de Asturias	Visual inspection	animal	211	0	Echinococcus	0
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	16982	5	Echinococcus granulosus sensu lato	5
		Data from Madrid	Visual inspection	animal	1778	0	Echinococcus	0
	Wild boars - wild - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	71	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 Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cattle (bovine animals) - calves (under 1 year) - veal calves - Slaughterhouse - Not Available - animal sample - Monitoring - Official sampling - Objective sampling	N.A	Other methods based on PCR detection of stx genes	slaughter animal batch	275	96	STEC O103	2
							STEC O145	4
							STEC O157	17
							STEC O26	10
							STEC, unspecified	79

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	N of units positive
Not Available	Blackberries - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Blueberries - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	12	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Cheeses made from cows' 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/feeding)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	1	STEC, unspecified	1
	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/feeding)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	10	1	STEC O9	1
	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/feeding)	25	Gram	Data from Comunidad Valenciana	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	15	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Cheeses made from goats' 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/feeding)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeding)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	10	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeding)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	10	0	Shiga toxin-producing Escherichia coli (STEC)	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 - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	4	0	Shiga toxin-producing Escherichia coli (STEC)	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	Cucurbits fruiting vegetables - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	3	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Cured seasoned pork meat - 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)	27	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Fruits - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	8	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Fruits - non-pre-cut - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	2	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Fruits - pre-cut - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	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	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	20	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	4	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Juice - vegetable juice - unpasteurised - 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	Millilitre	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	10	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - fresh - chilled - Border Control Posts - 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	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - fresh - chilled - Border Control Posts - 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)	15	2	STEC, unspecified	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 bovine animals - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	3	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	7	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - fresh - frozen - Border Control Posts - Not Available - food sample - Monitoring - Official sampling - Objective sampling	single (food/feeder)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	3	STEC, unspecified	3
	Meat from bovine animals - fresh - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	19	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Madrid Lab1	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	15	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Comunidad Valenciana	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	15	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - 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 Madrid Lab1	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Madrid Lab1	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	120	1	STEC O157	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Ayto Madrid Lab2	Other methods based on PCR detection of stx genes	30	5	STEC, unspecified	5

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 - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Ayto Madrid Lab2	Other methods based on PCR detection of stx genes	3	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	2	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - meat products - raw and intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid lab1	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	30	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	6	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	16	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	0
					Data from Principado de Asturias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	35	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Ayto Madrid Lab2	Other methods based on PCR detection of stx genes	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals and pig - meat preparation - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	2	0	Shiga toxin-producing Escherichia coli (STEC)	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 - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	0
					Data from Principado de Asturias	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feeding)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	2	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeding)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from horse - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from horse - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	3	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	4	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from other poultry species - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from pig - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from pig - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	2	0	Shiga toxin-producing Escherichia coli (STEC)	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 - chilled - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	2	0	Shiga toxin-producing Escherichia coli (STEC)	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 d)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	2	0	Shiga toxin-producing Escherichia coli (STEC)	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 d)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	50	0	Shiga toxin-producing Escherichia coli (STEC)	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 d)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	2	0	Shiga toxin-producing Escherichia coli (STEC)	0
					Data from Comunidad Valenciana	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	30	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from pig - meat preparation - intended to be eaten cooked - frozen - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	5	1	STEC O100	1
	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	32	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	19	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from pig - meat products - meat specialities - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Shiga toxin-producing Escherichia coli (STEC)	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 d)	25	Gram	Data from Euskadi	In house real time PCR methods based on ISO/TS 13136:2012	24	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from pig - meat products - ready-to-eat - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from pig - meat products - unspecified, non ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	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 - minced meat - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	10	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from poultry, unspecified - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	7	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	8	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from rabbit - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from rabbit - meat products - pâté - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	22	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from sheep - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	2	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from sheep - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	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 - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat from turkey - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	10	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Comunidad Valenciana	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	3	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	15	1	STEC O65	1
	Meat, mixed meat - minced meat - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	10	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Meat, mixed meat - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	In house real time PCR methods based on ISO/TS 13136:2012	5	0	Shiga toxin-producing Escherichia coli (STEC)	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 - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Melons (except watermelon) - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	3	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	27	1	STEC O157	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	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/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - chilled - 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 Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Papaya - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Raspberries and raspberry-like - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	30	0	Shiga toxin-producing Escherichia coli (STEC)	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/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	6	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - 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 Comunidad Valenciana	Alternative method validated against the reference method ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	15	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - 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 Navarra	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	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 - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	70	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - ready-to-eat - Retail - 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	32	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	14	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	60	0	Shiga toxin-producing Escherichia coli (STEC)	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 Ayto Madrid Lab2	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	40	0	Shiga toxin-producing Escherichia coli (STEC)	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 Comunidad Valenciana	Alternative method validated against the reference method ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	35	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Ayto Madrid Lab2	Other methods based on PCR detection of stx genes	2	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Shiga toxin-producing Escherichia coli (STEC)	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 - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Catalunya	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Seeds, sprouted - shoot - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Illes Balears	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Spice seeds - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	2	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Strawberry - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	data from BCP	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	10	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Vegetables - pre-cut - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	1	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	3	0	Shiga toxin-producing Escherichia coli (STEC)	0
					Data from La Rioja	ISO 16654:2001 or NMKL 164:2005 or DIN 10167	15	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	3	0	Shiga toxin-producing Escherichia coli (STEC)	0
	Watermelon - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	AFNOR BIO 12/25 05/09, ELFA method for E. coli O157	1	0	Shiga toxin-producing Escherichia coli (STEC)	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	IgG ELISA	1268	48	West Nile virus	48
	Birds - wild - game birds, farmed - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Not Available	N_A	Seroneutralisation test	72	1	West Nile virus	1
	Birds - wild - game birds, farmed - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Selective sampling	animal	Not Available	N_A	Real-Time PCR (qualitative or quantitative)	2	0	West Nile virus	0
	Birds - wild - game birds, farmed - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Selective sampling	animal	Not Available	N_A	IgG ELISA	6	0	West Nile virus	0
	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)	832	1	West Nile virus	1
	Birds - wild - Natural habitat - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Not Available	N_A	Seroneutralisation test	166	2	West Nile virus	2
	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)	338	3	West Nile virus	3
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Unknown	N_A	IgG ELISA	2310	418	West Nile virus	418
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - active - Official sampling - Selective sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	215	5	West Nile virus	5
	Solipeds, domestic - horses - Farm - Spain - animal sample - blood - Monitoring - passive - Official sampling - Suspect sampling	animal	Unknown	N_A	IgM-capture ELISA (MAC-ELISA)	37	6	West Nile virus	6

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 Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from SANEX	315	14	<=100	Histamine	0	0
								>100 TO <=200	Histamine	0	4
								>200	Histamine	0	10
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme maturated - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from SANEX	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 - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data From Galicia	225	0	<=100	Histamine	0	225
								>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/feed)	50	Gram	Data from Illes Balears	54	0	<=100	Histamine	54	54
								>100 TO <=200	Histamine	54	0
								>200	Histamine	54	0
		Data from Catalunya	100	Gram	5	0	<=100	Histamine	0	5	
							>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 - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	100	Gram	Data From Principado de Asturias	9	0	<=100	Histamine	0	9
								>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 - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	150	Gram	DATA FROM ANDALUCIA	81	1	<=100	Histamine	0	80
								>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 - 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	9	2	<=100	Histamine	0	7
								>100 TO <=200	Histamine	0	1
								>200	Histamine	0	1
Data from Castilla y León		1	0	<=100	Histamine	0	1				
				>100 TO <=200	Histamine	0	0				
				>200	Histamine	0	0				
DATA FROM ANDALUCIA		150	Gram	369	0	<=100	Histamine	0	369		
						>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 - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling		single (food/feed)	25	Gram	Data from Cantabria	36	0	<=100	Histamine	36	36
								>100 TO <=200	Histamine	36	0
								>200	Histamine	36	0
	Data from Comunidad Valenciana	81	0	<=100	Histamine	0	81				
				>100 TO <=200	Histamine	0	0				
				>200	Histamine	0	0				
	Data From Galicia	27	0	<=100	Histamine	0	27				
				>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 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	99	0	<=100	Histamine	0	99
								>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 matured - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	3	0	<=100	Histamine	3	3
								>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 - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fe d)	25	Gram	Data from Aragon	5	0	<=100	Histamine	5	5
								>100 TO <=200	Histamine	5	0
								>200	Histamine	5	0
	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)	25	Gram	Data from Navarra	9	0	<=100	Histamine	9	9
								>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 matured - raw - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data From Galicia	252	0	<=100	Histamine	0	252
								>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 matured - raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	200	Gram	Data from Catalunya	63	0	<=100	Histamine	0	63
								>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 matured - raw - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	200	Gram	Data from Catalunya	9	0	<=100	Histamine	0	9
								>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 matured - raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	50	Gram	Data from Illes Balears	54	0	<=100	Histamine	54	54	
							>100 TO <=200	Histamine	54	0	
							>200	Histamine	54	0	
		200	Gram	Data from Catalunya	1	0	<=100	Histamine	0	1	
							>100 TO <=200	Histamine	0	0	
							>200	Histamine	0	0	
Data from Catalunya_ASPB	10	0	<=100	Histamine	0	10					
			>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 matured - 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 Aragon	3	0	<=100	Histamine	2	2	
							>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 matured - 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)	10	Gram	Data from Canarias	27	0	<=100	Histamine	27	27	
							>100 TO <=200	Histamine	27	0	
							>200	Histamine	27	0	
		25	Gram	Data from Ayto Madrid Lab2	16	0	<=100	Histamine	0	16	
							>100 TO <=200	Histamine	0	0	
							>200	Histamine	0	0	
Data from Euskadi	5	0	<=100	Histamine	5	5					
			>100 TO <=200	Histamine	5	0					
			>200	Histamine	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	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	single (food/fe d)	25	Gram	Data from Aragon	14	0	<=100	Histamine	14	14		
								>100 TO <=200	Histamine	14	0		
								>200	Histamine	14	0		
					Data from Castilla-La Mancha	11	0	<=100	Histamine	0	11		
								>100 TO <=200	Histamine	0	0		
								>200	Histamine	0	0		
					Date from Castilla y León	35	0	<=100	Histamine	0	35		
								>100 TO <=200	Histamine	0	0		
								>200	Histamine	0	0		
		150	Gram	DATA FROM ANDALUCIA	26	1	<=100	Histamine	0	25			
							>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 - Retail - 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 - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Ayto Madrid Lab2	26	0	<=100	Histamine	0	26
										>100 TO <=200	Histamine	0	0
										>200	Histamine	0	0
							Data from Cantabria	18	0	<=100	Histamine	18	18
										>100 TO <=200	Histamine	18	0
										>200	Histamine	18	0
							Data from Comunidad Valenciana	51	0	<=100	Histamine	0	51
										>100 TO <=200	Histamine	0	0
										>200	Histamine	0	0
Data from Euskadi	11			0	<=100	Histamine	11	11					
					>100 TO <=200	Histamine	11	0					
					>200	Histamine	11	0					
Data From Galicia	126			0	<=100	Histamine	0	126					
					>100 TO <=200	Histamine	0	0					
					>200	Histamine	0	0					
100	Gram			Data from Catalunya	5	0	<=100	Histamine	0	5			
							>100 TO <=200	Histamine	0	0			
							>200	Histamine	0	0			
Data From Principado de Asturias	9			0	<=100	Histamine	0	9					
					>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 - 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	single (food/fe d)	10	Gram	Data from Canarias	18	0	<=100	Histamine	18	18		
								>100 TO <=200	Histamine	18	0		
								>200	Histamine	18	0		
		25	Gram	Data from Castilla-La Mancha	45	2	<=100	Histamine	0	43			
							>100 TO <=200	Histamine	0	0			
							>200	Histamine	0	2			
		Date from Castilla y León	1	0	<=100	Histamine	0	1					
					>100 TO <=200	Histamine	0	0					
					>200	Histamine	0	0					
		150	Gram	DATA FROM ANDALUCIA	189	0	<=100	Histamine	0	189			

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 matured - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	150	Gram	DATA FROM ANDALUCIA	189	0	>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
Not Available	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/food)	10	Gram	Data from Canarias	36	0	<=100	Histamine	36	36
								>100 TO <=200	Histamine	36	0
								>200	Histamine	36	0
								<=100	Histamine	0	117
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
			25	Gram	Data from Ayto Madrid Lab2	117	0	<=100	Histamine	18	18
								>100 TO <=200	Histamine	18	0
								>200	Histamine	18	0
								<=100	Histamine	0	72
								>100 TO <=200	Histamine	0	0
								>200	Histamine	0	0
25	Gram	Data from Aragon	3	0	<=100	Histamine	3	3			
					>100 TO <=200	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 - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from SANEX	729	0	<=200	Histamine	0	729	
							>200 TO <=400	Histamine	0	0	
							>400	Histamine	0	0	
							<=200	Histamine	0	1,710	
Fish - Fishery products from fish species associated with a high amount of histidine - which have undergone enzyme maturation treatment in brine - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	Data from SANEX	1710	0	>200 TO <=400	Histamine	0	0	
							>400	Histamine	0	0	
							<=200	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 - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	9	0	>400	Histamine	0	0	
							<=200	Histamine	0	9	
							>200 TO <=400	Histamine	0	0	
							>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/food)	25	Gram	Data from Cantabria	36	0	<=200	Histamine	36	36	
							>200 TO <=400	Histamine	36	0	
							>400	Histamine	36	0	
							<=200	Histamine	0	18	
							>200 TO <=400	Histamine	0	0	
							>400	Histamine	0	0	
		100	Gram	Data From Principado de Asturias	9	0	<=200	Histamine	0	9	
							>200 TO <=400	Histamine	0	0	
							>400	Histamine	0	0	
							<=200	Histamine	0	3	
							>200 TO <=400	Histamine	0	0	
							>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 - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla y León	3	0	<=200	Histamine	9	9	
							>200 TO <=400	Histamine	9	0	
							>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/food)	25	Gram	Data from Cantabria	9	0	>200 TO <=400	Histamine	9	0	
							>400	Histamine	9	0	
							>400	Histamine	9	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 - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Comunidad Valenciana	9	0	<=200	Histamine	0	9	
								>200 TO <=400	Histamine	0	0	
								>400	Histamine	0	0	
			100	Gram	Data From Principado de Asturias	9	0	<=200	Histamine	0	9	
								>200 TO <=400	Histamine	0	0	
								>400	Histamine	0	0	
		125	Gram	Data from La Rioja	5	0	<=200	Histamine	0	5		
							>200 TO <=400	Histamine	0	0		
							>400	Histamine	0	0		
		Fish - sauce produced by fermentation of fishery products - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeding)	25	Gram	Data from Cantabria	1	0	<=400	Histamine	1	1
									>400	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 - bread - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - bread - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - cakes - containing heat-treated cream - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	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 Comunidad Valenciana	20	0	detection	Listeria monocytogenes	20	0
	Bakery products - cakes - containing heat-treated cream - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Euskadi	59	0	<=100	Listeria monocytogenes	59	0
								>100	Listeria monocytogenes	59	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)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	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 Comunidad Valenciana	20	0	detection	Listeria monocytogenes	20	0
	Bakery products - cakes - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Bakery products - cakes - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	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 Comunidad Valenciana	15	0	detection	Listeria monocytogenes	15	0
					Data from Principado de Asturias	15	0	detection	Listeria monocytogenes	15	0
	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Euskadi	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
	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 ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - cakes - 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	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	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 Principado de Asturias	45	0	detection	Listeria monocytogenes	45	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0
					Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - desserts - containing heat-treated cream - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	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/fee d)	10	Gram	Data from Euskadi	100	0	<=100	Listeria monocytogenes	100	0
								>100	Listeria monocytogenes	100	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 - 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/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - desserts - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
	Bakery products - desserts - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	6	0	detection	Listeria monocytogenes	6	0
	Bakery products - desserts - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Bakery products - desserts - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	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 Comunidad Valenciana	15	0	detection	Listeria monocytogenes	15	0
	Bakery products - 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 Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Bakery products - desserts - 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)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Bakery products - desserts - 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	Samples tested only by detection method	8	0	detection	Listeria monocytogenes	8	0
	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	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 Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - pastry - biscuits - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - pastry - biscuits - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Bakery products - pastry - choux pastry - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Bakery products - pastry - made with 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 Galicia	255	0	detection	Listeria monocytogenes	255	0
	Bakery products - pastry - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Cantabria	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Castilla-La Mancha. Samples tested only by enumeration method	65	0	<=100	Listeria monocytogenes	65	0
								>100	Listeria monocytogenes	65	0
	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 Castilla-La Mancha. Samples tested only by detection method	30	0	detection	Listeria monocytogenes	30	0
					Data from Comunidad Valenciana	20	0	detection	Listeria monocytogenes	20	0
	Bakery products - pastry - Processing plant - 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
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Cantabria	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Castilla y León	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	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	5	0	>100	Listeria monocytogenes	5	0
					Data from Illes Balears	20	1	<=100	Listeria monocytogenes	1	1
	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 Comunidad Valenciana	50	0	detection	Listeria monocytogenes	50	0
					Data from Illes Balears	20	1	detection	Listeria monocytogenes	20	1
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Illes Balears	4	0	detection	Listeria monocytogenes	4	0
	Bakery products - pastry - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Beverages, non-alcoholic - soft drinks - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Millilitre	Data from Madrid Lab 1	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	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 Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Cereals and meals - flour/meal or finely ground powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - curd - Processing plant - 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
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Illes Balears	15	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Illes Balears	15	1	detection	Listeria monocytogenes	15	1
	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 Comunidad Valenciana	20	0	detection	Listeria monocytogenes	20	0
					Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	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	9	0	<=100	Listeria monocytogenes	9	0
								>100	Listeria monocytogenes	9	0
	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)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Catalunya	9	0	detection	Listeria monocytogenes	9	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect 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 - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Galicia	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	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)	10	Gram	Data from Madrid Lab 1	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	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 Illes Balears	15	0	detection	Listeria monocytogenes	15	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 Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Catalunya	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 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
					Data from Catalunya	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	Cheeses made from cows' milk - fresh - made from pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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/feed d)	25	Gram	Data from Galicia	120	14	detection	Listeria monocytogenes	120	14
	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/feed d)	10	Gram	Data from Galicia	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Cheeses made from cows' milk - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla y León_Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	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 d)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
					Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - hard - 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 Aragon	2	0	detection	Listeria monocytogenes	2	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/feed d)	10	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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/feed d)	25	Gram	Data from Navarra	5	0	detection	Listeria monocytogenes	5	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/feed d)	10	Gram	Data from Madrid Lab 1	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Catalunya_ASPB	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
								Data from Aragón	1	0	detection
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya_ASPB	12	0	detection	Listeria monocytogenes	12	0
					Data from Euskadi	16	0	detection	Listeria monocytogenes	16	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/feed d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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/feed d)	25	Gram	Data from Galicia	15	1	detection	Listeria monocytogenes	15	1
	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/feed d)	10	Gram	Data from Madrid Lab 1	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Cheeses made from cows' 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/feed d)	10	Gram	Data from Catalunya_ASPB	15	1	<=100	Listeria monocytogenes	1	1
								>100	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 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya_ASPB	15	1	detection	Listeria monocytogenes	15	1
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Illes Balears	10	0	detection	Listeria monocytogenes	10	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 d)	25	Gram	Data from Comunidad Valenciana	40	0	detection	Listeria monocytogenes	40	0
					Data from Euskadi	10	0	detection	Listeria monocytogenes	10	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	Data from Aragon	1	0	detection	Listeria monocytogenes	1	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/feed d)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
					>100	Listeria monocytogenes	5	0			
					Data from Galicia	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	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)	10	Gram	Data from Galicia	5	0	>100	Listeria monocytogenes	5	0
					Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	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	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	40	0	detection	Listeria monocytogenes	40	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	4	0	detection	Listeria monocytogenes	4	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)	10	Gram	Data from Madrid Lab 1	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)	10	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 - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	25	0	detection	Listeria monocytogenes	25	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)	10	Gram	Data from Canarias	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	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	Samples tested only by detection method	3	0	detection	Listeria monocytogenes	3	0
	Cheeses made from goats' milk - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from goats' 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 y León_Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
					Data from Castilla-La Mancha	10	0	detection	Listeria monocytogenes	10	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)	10	Gram	Data from Extremadura	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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 Extremadura	5	0	detection	Listeria monocytogenes	5	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/fee d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragón	1	0	detection	Listeria monocytogenes	1	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 Comunidad Valenciana	20	0	detection	Listeria monocytogenes	20	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/fee d)	25	Gram	Data from Aragón	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	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 - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	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
Not Available	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - 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)	10	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/fe d)	10	Gram	Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Catalunya_ASPB	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Catalunya_ASPB	10	0	detection	Listeria monocytogenes	10	0
					Data from Euskadi	4	0	detection	Listeria monocytogenes	4	0
	Cheeses made from goats' 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/fe d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Catalunya_ASPB	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Cheeses made from goats' 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/fe d)	25	Gram	Data from Catalunya_ASPB	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses made from goats' 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/fe d)	10	Gram	Data from Extremadura	80	10	<=100	Listeria monocytogenes	80	7
								>100	Listeria monocytogenes	80	3
	Cheeses made from goats' 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/fe d)	25	Gram	Data from Extremadura_Samples tested only by detection method	15	11	detection	Listeria monocytogenes	15	11
	Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Illes Balears	5	0	detection	Listeria monocytogenes	5	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/fe d)	10	Gram	Data from Castilla-La Mancha_Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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/fe d)	25	Gram	Data from Castilla-La Mancha_Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
					Data from Euskadi	35	0	detection	Listeria monocytogenes	35	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/fe d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Ayto Madrid Lab 2	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - fresh - 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	5	0	detection	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	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/fee d)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
					Data from Madrid Lab 1	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 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - hard - made from pasteurised 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	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	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/fee d)	10	Gram	Data from Castilla y León	20	0	<=100	Listeria monocytogenes	20	0
							>100	Listeria monocytogenes	20	0	
					Data from Comunidad Valenciana	10	2	<=100	Listeria monocytogenes	2	2
							>100	Listeria monocytogenes	2	0	
				Data from Euskadi	145	5	<=100	Listeria monocytogenes	5	5	
							>100	Listeria monocytogenes	5	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/fee d)	25	Gram	Data from Castilla y León, Samples tested only by detection method	25	5	detection	Listeria monocytogenes	25	5
					Data from Comunidad Valenciana	10	2	detection	Listeria monocytogenes	10	2
					Data from Euskadi	145	5	detection	Listeria monocytogenes	145	5
	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 Aragon	5	0	detection	Listeria monocytogenes	5	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/fee d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	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)	10	Gram	Data from Castilla-La Mancha, Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0	
					Data from Navarra	30	0	<=100	Listeria monocytogenes	30	0
							>100	Listeria monocytogenes	30	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, Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
					Data from Navarra	30	0	detection	Listeria monocytogenes	30	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 Aragon	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from sheep's 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 Euskadi	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from sheep's 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 Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	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/fee d)	10	Gram	Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0	
	Cheeses made from sheep's 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/fee d)	10	Gram	Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0	
	Cheeses made from sheep's milk - unspecified - 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 La Rioja	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	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 pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	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 Comunidad Valenciana	20	0	detection	Listeria monocytogenes	20	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)	10	Gram	Data from Comunidad Valenciana	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	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/feed d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	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)	10	Gram	Data from Cantabria	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	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 Principado de Asturias	40	0	detection	Listeria monocytogenes	40	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	Samples tested only by detection method	1	0	detection	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)	10	Gram	Data from Castilla y León	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	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)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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 Madrid Lab 1	5	0	detection	Listeria monocytogenes	5	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 d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	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 d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	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 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 Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
					Data from Principado de Asturias	10	0	detection	Listeria monocytogenes	10	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/feed d)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Catalunya_ASPB	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	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 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya_ASPB	4	0	detection	Listeria monocytogenes	4	0
					Data from Euskadi	2	0	detection	Listeria monocytogenes	2	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	5	0	detection	Listeria monocytogenes	5	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/feed d)	10	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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/feed d)	25	Gram	Data from Navarra	5	0	detection	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	Cheeses, made from unspecified milk or other animal milk - curd - 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
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	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 - fresh - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	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 d)	25	Gram	Data from Castilla-La Mancha	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - 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)	10	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 - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	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/feed d)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	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/feed d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples tested only by detection method	20	0	detection	Listeria monocytogenes	20	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	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 raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - fresh - 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/feed d)	10	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 raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Canarias	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	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 - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - fresh - 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. Samples tested only by detection method	30	0	detection	Listeria monocytogenes	30	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
					Data from Castilla-La Mancha	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	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/feed d)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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/feed d)	25	Gram	Samples tested only by detection method	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	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	DATA FROM ANDALUCIA	25	0	detection	Listeria monocytogenes	25	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	DATA FROM ANDALUCIA	60	0	<=100	Listeria monocytogenes	60	0
								>100	Listeria monocytogenes	60	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	single (food/fe d)	25	Gram	DATA FROM ANDALUCIA	30	0	detection	Listeria monocytogenes	30	0
	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	single (food/fe d)	10	Gram	DATA FROM ANDALUCIA	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	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/fe d)	10	Gram	Data from Cantabria	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	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/fe d)	25	Gram	Data from Castilla-La Mancha	15	0	detection	Listeria monocytogenes	15	0
					Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	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	single (food/fe d)	25	Gram	DATA FROM ANDALUCIA	220	0	detection	Listeria monocytogenes	220	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/fe d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	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/fe d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Castilla-La Mancha	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 - made from pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	DATA FROM ANDALUCIA	245	0	<=100	Listeria monocytogenes	245	0
								>100	Listeria monocytogenes	245	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	single (food/fe d)	10	Gram	DATA FROM ANDALUCIA	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	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	single (food/fe d)	25	Gram	DATA FROM ANDALUCIA	40	0	detection	Listeria monocytogenes	40	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/fe d)	10	Gram	DATA FROM ANDALUCIA	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - 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. Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - spreadable - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Madrid Lab 1	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Samples tested only by detection method	5	0	detection	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	Cheeses, made from unspecified milk or other animal milk - unspecified - 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 y León	5	0	detection	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Cocoa and cocoa preparations, coffee and tea - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Millilitre	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Confectionery products and pastes - chocolate-based product - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Confectionery products and pastes - soft candy - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	11	0	detection	Listeria monocytogenes	11	0
	Confectionery products and pastes - soft candy - Retail - 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
	Corn salad - 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)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Crustaceans - prawns - 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 Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	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 Comunidad Valenciana. Samples analyzed only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from BCP	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Crustaceans - prawns - cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
					Data from Madrid Lab 1	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Crustaceans - prawns - cooked - 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	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - prawns - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Navarra	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Crustaceans - prawns - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	10	0	detection	Listeria monocytogenes	10	0
	Crustaceans - prawns - raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	5	3	detection	Listeria monocytogenes	5	3
	Crustaceans - prawns - raw - frozen - Retail - Not Available - 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
	Crustaceans - prawns - shelled, shucked and cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Crustaceans - shrimps - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	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	Crustaceans - shrimps - 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 Madrid Lab 1	5	0	detection	Listeria monocytogenes	5	0
	Crustaceans - shrimps - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Madrid Lab 1	20	0	<=100	Listeria monocytogenes	20	0
>100								Listeria monocytogenes	20	0	
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Aragon	3	2	<=100	Listeria monocytogenes	2	2
>100								Listeria monocytogenes	2	0	
Data from Canarias					1	0	<=100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	3	2	detection	Listeria monocytogenes	3	2
	Crustaceans - shrimps - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
>100								Listeria monocytogenes	5	0	
	Crustaceans - shrimps - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
>100								Listeria monocytogenes	15	0	
	Crustaceans - shrimps - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
>100								Listeria monocytogenes	5	0	
	Crustaceans - shrimps - cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	15	0	detection	Listeria monocytogenes	15	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Madrid Lab 1	65	0	<=100	Listeria monocytogenes	65	0
>100								Listeria monocytogenes	65	0	
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
>100								Listeria monocytogenes	5	0	
	Crustaceans - unspecified - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Cantabria	20	0	<=100	Listeria monocytogenes	20	0
>100								Listeria monocytogenes	20	0	
	Crustaceans - unspecified - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
>100								Listeria monocytogenes	5	0	
Data from Madrid Lab 1					5	0	<=100	Listeria monocytogenes	5	0	
							>100	Listeria monocytogenes	5	0	
	Crustaceans - unspecified - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Principado de Asturias	30	0	detection	Listeria monocytogenes	30	0
	Crustaceans - unspecified - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	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)	10	Gram	Data from Madrid Lab 1	10	0	<=100	Listeria monocytogenes	10	0
>100								Listeria monocytogenes	10	0	
	Crustaceans - unspecified - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
>100								Listeria monocytogenes	5	0	
Data from Madrid Lab 1					10	0	<=100	Listeria monocytogenes	10	0	
							>100	Listeria monocytogenes	10	0	
	Crustaceans - unspecified - cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
>100								Listeria monocytogenes	10	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 Catalunya_ASPB	1	0	detection	Listeria monocytogenes	1	0
	Cucurbits fruiting vegetables - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Canarias	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	Cured seasoned pork meat - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Data from Catalunya_ASPB	27	0	<=100	Listeria monocytogenes	27	0
								>100	Listeria monocytogenes	27	0
	Cured seasoned pork meat - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Data from Catalunya_ASPB	27	0	detection	Listeria monocytogenes	27	0
	Dairy products (excluding cheeses) - butter - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - butter - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
					Data from Principado de Asturias	20	0	detection	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - butter - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	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/fee d)	10	Gram	Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	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/fee d)	10	Gram	Data from Comunidad Valenciana	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - dairy desserts - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - dairy desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy desserts - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	45	0	detection	Listeria monocytogenes	45	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/fee d)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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/fee d)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	DATA FROM ANDALUCIA	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - dairy products, not specified - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - fermented dairy products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	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 - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	155	0	<=100	Listeria monocytogenes	155	0
					Data from Madrid Lab 1	135	0	>100	Listeria monocytogenes	135	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	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised 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)	10	Gram	Data from Canarias	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised 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	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	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/fee d)	10	Gram	Data from Canarias	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/fee d)	25	Gram	Data fromn Illes Balears	35	0	detection	Listeria monocytogenes	35	0
					Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	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)	10	Gram	DATA FROM ANDALUCIA	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Dairy products (excluding cheeses) - ice-cream - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	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)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
					Data from Navarra	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	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 Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
					Data from Navarra	20	0	detection	Listeria monocytogenes	20	0
					Data from Principado de Asturias	30	0	detection	Listeria monocytogenes	30	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - ice-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	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - ice-cream - 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)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Navarra	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	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 Navarra	10	0	detection	Listeria monocytogenes	10	0
					Data from Principado de Asturias	20	0	detection	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	11	0	<=100	Listeria monocytogenes	11	0
								>100	Listeria monocytogenes	11	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	22	0	detection	Listeria monocytogenes	22	0
	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 Castilla-La Mancha	10	0	detection	Listeria monocytogenes	10	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	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	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)	10	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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 Navarra	5	0	detection	Listeria monocytogenes	5	0
					Data from Principado de Asturias	15	0	detection	Listeria monocytogenes	15	0
	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/feed)	10	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	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/feed)	25	Gram	Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - yoghurt - 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	15	0	detection	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Egg products - dried - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Egg products - liquid - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Egg products - liquid - white - pasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid Lab 1	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Egg products - liquid - whole - pasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Egg products - liquid - whole - pasteurised - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid Lab 1	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Egg products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid Lab 1	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Egg products - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid Lab 1	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Eggs - table eggs - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Endive, curled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Fish - canned - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from BCP	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - canned - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - canned - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0
	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/feed)	10	Gram	Data from Cantabria	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	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/feed)	25	Gram	Samples tested only by detection method	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	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - raw - 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	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 - canned - Processing plant - 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
	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 Comunidad Valenciana	20	0	detection	Listeria monocytogenes	20	0
	Fish - gravad /slightly salted - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya_ASPB	1	0	detection	Listeria monocytogenes	1	0
	Fish - gravad /slightly salted - Retail - 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
	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 Comunidad Valenciana	25	0	detection	Listeria monocytogenes	25	0
	Fish - marinated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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 Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
					Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Fish - raw - chilled - Retail - 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
	Fish - raw - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - raw - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Fish - raw - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
>100								Listeria monocytogenes	3	0	
Fish - raw - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0	
Fish - raw - Hatchery - 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	
Fish - 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	
Fish - raw - Wholesale - 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	
Fish - sauce produced by fermentation of fishery products - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	1	0	<=100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	
Fish - smoked - cold-smoked - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0	
Fish - smoked - cold-smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	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	Fish - smoked - cold-smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Galicia	15	0	detection	Listeria monocytogenes	15	0
	Fish - smoked - cold-smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Data from Catalunya_ASPB	5	0	detection	Listeria monocytogenes	5	0
	Fish - smoked - cold-smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Galicia	50	0	<=100	Listeria monocytogenes	50	0
						>100	Listeria monocytogenes	50	0		
					Data from Madrid Lab 1	75	5	<=100	Listeria monocytogenes, unspecified	75	1
						>100	Listeria monocytogenes, unspecified	75	4		
	Fish - smoked - cold-smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - smoked - hot-smoked - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - smoked - hot-smoked - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Fish - smoked - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - smoked - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Fish - smoked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Cantabria	5	0	<=100	Listeria monocytogenes	5	0
						>100	Listeria monocytogenes	5	0		
					Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
						>100	Listeria monocytogenes	5	0		
					Data from Navarra	10	0	<=100	Listeria monocytogenes	10	0
		>100	Listeria monocytogenes	10	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 Navarra	10	0	detection	Listeria monocytogenes	10	0
	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	4	0	detection	Listeria monocytogenes	4	0
	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	Data from Catalunya	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Catalunya	5	0	detection	Listeria monocytogenes	5	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 ANDALUCIA	70	0	detection	Listeria monocytogenes	70	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Ayto Madrid Lab 2	45	0	<=100	Listeria monocytogenes	45	0
						>100	Listeria monocytogenes	45	0		
					Data from La Rioja	25	5	<=100	Listeria monocytogenes	5	2
						>100	Listeria monocytogenes	5	3		
					Data from Navarra	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	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0
					Data from La Rioja	25	5	detection	Listeria monocytogenes	25	5
					Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Samples tested only by detection method	15	0	detection	Listeria monocytogenes	15	0
					Data from Ayto Madrid Lab 2	15	0	<=100	Listeria monocytogenes	15	0
					Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
	Fish - smoked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	DATA FROM ANDALUCIA	455	1	<=100	Listeria monocytogenes	455	0
							>100	Listeria monocytogenes	455	1	
							>100	Listeria monocytogenes	1	0	
	Fish - smoked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Ayto Madrid Lab 2	20	0	<=100	Listeria monocytogenes	20	0
							>100	Listeria monocytogenes	20	0	
					Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
	Fish - smoked - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Ayto Madrid Lab 2	10	0	<=100	Listeria monocytogenes	10	0
							>100	Listeria monocytogenes	10	0	
							>100	Listeria monocytogenes	5	0	
	Fish - smoked - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	DATA FROM ANDALUCIA	65	0	<=100	Listeria monocytogenes	65	0
							>100	Listeria monocytogenes	65	0	
							>100	Listeria monocytogenes	5	0	
	Fishery products, unspecified - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	5	0	
	Fishery products, unspecified - raw - chilled - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from BCP	5	0	<=100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0	
							>100	Listeria monocytogenes	7	7	
	Fishery products, unspecified - ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Comunidad Valenciana	70	7	<=100	Listeria monocytogenes	7	7
							>100	Listeria monocytogenes	7	0	
							>100	Listeria monocytogenes	7	0	
	Fishery products, unspecified - ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Comunidad Valenciana	70	7	detection	Listeria monocytogenes	70	7
							<=100	Listeria monocytogenes	2	0	
							>100	Listeria monocytogenes	2	0	
	Fishery products, unspecified - ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Catalunya	2	0	<=100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0	
							>100	Listeria monocytogenes	2	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 Catalunya	2	0	detection	Listeria monocytogenes	2	0
							<=100	Listeria monocytogenes	50	0	
							>100	Listeria monocytogenes	50	0	
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Comunidad Valenciana	50	0	<=100	Listeria monocytogenes	50	0
							>100	Listeria monocytogenes	50	0	
					Data fromm Illes Balears	25	1	<=100	Listeria monocytogenes	1	1
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data fromm Illes Balears	25	1	<=100	Listeria monocytogenes	25	1
							>100	Listeria monocytogenes	1	0	
							>100	Listeria monocytogenes	1	0	
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Catalunya	3	0	<=100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0	
							>100	Listeria monocytogenes	3	0	
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Catalunya	3	0	detection	Listeria monocytogenes	3	0
							<=100	Listeria monocytogenes	20	0	
							>100	Listeria monocytogenes	20	0	
	Fishery products, unspecified - ready-to-eat - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Comunidad Valenciana	20	0	<=100	Listeria monocytogenes	20	0
							>100	Listeria monocytogenes	20	0	
							>100	Listeria monocytogenes	20	0	
	Fishery products, unspecified - ready-to-eat - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	10	Gram	Data from Catalunya	8	1	<=100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	1	
							>100	Listeria monocytogenes	1	1	
	Fishery products, unspecified - ready-to-eat - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Catalunya	8	1	detection	Listeria monocytogenes	8	1
							<=100	Listeria monocytogenes	8	1	
							>100	Listeria monocytogenes	8	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	Fishery products, unspecified - ready-to-eat - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0	
								>100	Listeria monocytogenes	5	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)	10	Gram	Data from Comunidad Valenciana	30	0	<=100	Listeria monocytogenes	30	0	
								>100	Listeria monocytogenes	30	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 Comunidad Valenciana. Samples analyzed only by detection method	20	0	detection	Listeria monocytogenes	20	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)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0	
								>100	Listeria monocytogenes	5	0	
	Fishery products, unspecified - seafood pâté - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	1	0	<=100	Listeria monocytogenes	1	0	
								>100	Listeria monocytogenes	1	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 Euskadi	25	0	detection	Listeria monocytogenes	25	0	
	Fishery products, unspecified - smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Aragon	4	2	<=100	Listeria monocytogenes	2	2	
								>100	Listeria monocytogenes	2	0	
	Fishery products, unspecified - smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	4	2	detection	Listeria monocytogenes	4	2	
	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 Principado de Asturias	10	0	detection	Listeria monocytogenes	10	0	
	Fishery products, unspecified - smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Euskadi	27	1	<=100	Listeria monocytogenes	1	1	
								>100	Listeria monocytogenes	1	0	
	Fishery products, unspecified - smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0	
					Data from Euskadi	27	1	detection	Listeria monocytogenes	27	1	
	Follow-on formulae - Processing plant - Not Available - 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	
	Follow-on formulae - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	9	0	<=100	Listeria monocytogenes	9	0	
								>100	Listeria monocytogenes	9	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/fee d)	25	Gram	Data from Principado de Asturias	30	0	detection	Listeria monocytogenes	30	0	
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0	
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	5	0	<=100	Listeria monocytogenes	5	0	
									>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	8	0	<=100	Listeria monocytogenes	8	0	
							>100	Listeria monocytogenes	8	0		
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0	
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla y León	10	0	detection	Listeria monocytogenes	10	0	
	Foodstuffs intended for special nutritional uses - 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 y León	20	0	detection	Listeria monocytogenes	20	0	
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Ayto Madrid Lab 2	70	0	<=100	Listeria monocytogenes	70	0	
									>100	Listeria monocytogenes	70	0
					Data from Catalunya	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
Not Available	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
					Data from Catalunya	2	0	detection	Listeria monocytogenes	2	0
	Fruits - pre-cut - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Fruits - pre-cut - chilled - Processing plant - 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
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Cantabria	10	0	<=100	Listeria monocytogenes	10	0
							>100	Listeria monocytogenes	10	0	
					Data from Madrid Lab 1	255	0	<=100	Listeria monocytogenes	255	0
							>100	Listeria monocytogenes	255	0	
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	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)	10	Gram	Data from Comunidad Valenciana	20	4	<=100	Listeria monocytogenes	4	4
							>100	Listeria monocytogenes	4	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 Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	20	4	detection	Listeria monocytogenes	20	4
	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	45	0	detection	Listeria monocytogenes	45	0
	Fruits - pre-cut - 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/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0	
	Fruits - pre-cut - 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/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	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)	10	Gram	Data from Ayto Madrid Lab 2	40	0	<=100	Listeria monocytogenes	40	0
							>100	Listeria monocytogenes	40	0	
					Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0	
					Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
				>100	Listeria monocytogenes	5	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 Navarra	5	0	detection	Listeria monocytogenes	5	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Ayto Madrid Lab 2	11	0	<=100	Listeria monocytogenes	11	0
							>100	Listeria monocytogenes	11	0	
					Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0	
					Data from Catalunya_ASPB	20	0	<=100	Listeria monocytogenes	20	0
				>100	Listeria monocytogenes	20	0				
	Fruits - pre-cut - ready-to-eat - Retail - 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
					Data from Catalunya_ASPB	20	0	detection	Listeria monocytogenes	20	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	DATA FROM ANDALUCIA	70	0	<=100	Listeria monocytogenes	70	0
							>100	Listeria monocytogenes	70	0	
	Fruits - products - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	2	0	<=100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0	
	Fruits and vegetables - pre-cut - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Data from Catalunya_ASPB	5	0	detection	Listeria monocytogenes	5	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)	10	Gram	Data from Galicia	20	0	<=100	Listeria monocytogenes	20	0
							>100	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	Fruits and vegetables - products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Garlic, common - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	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 d)	25	Gram	Data from Extremadura	10	0	detection	Listeria monocytogenes	10	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 d)	25	Gram	Data from Cantabria	10	0	detection	Listeria monocytogenes	10	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Catalunya	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	3	0	detection	Listeria monocytogenes	3	0
	Infant formula - dried - intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Comunidad Valenciana	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Infant formula - dried - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	20	0	detection	Listeria monocytogenes	20	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Navarra	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Navarra	25	0	detection	Listeria monocytogenes	25	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Catalunya	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	4	0	detection	Listeria monocytogenes	4	0
	Infant formula - dried - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Infant formula - dried - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Infant formula - dried - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	20	0	detection	Listeria monocytogenes	20	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/feed d)	25	Gram	Data from Galicia	20	0	detection	Listeria monocytogenes	20	0
	Infant formula - liquid - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	10	0	detection	Listeria monocytogenes	10	0
	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Galicia	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Infant formula - 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 Madrid Lab 1	170	0	detection	Listeria monocytogenes	170	0
	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	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/feed d)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	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	Infant formula - 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 Madrid Lab 1	10	0	detection	Listeria monocytogenes	10	0
	Infant formula - ready-to-eat - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	DATA FROM ANDALUCIA	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Juice - fruit juice - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Juice - fruit juice - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Cantabria	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
				Millilitre	Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	Data from Aragon	19	0	detection	Listeria monocytogenes	19	0
	Juice - vegetable juice - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Juice - vegetable juice - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Millilitre	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>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/fee d)	10	Millilitre	Data from Comunidad Valenciana	140	0	<=100	Listeria monocytogenes	140	0
								>100	Listeria monocytogenes	140	0
	Juice - vegetable juice - unpasteurised - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	Data from Comunidad Valenciana. Samples analyzed only by detection method	10	0	detection	Listeria monocytogenes	10	0
	Juice - vegetable juice - unpasteurised - 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	Millilitre	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Millilitre	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	Data from Aragon	10	0	detection	Listeria monocytogenes	10	0
	Lettuce - 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	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Lettuce - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Live bivalve molluscs - mussels - depurated - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Live bivalve molluscs - unspecified - depurated - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Live bivalve molluscs - unspecified - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Maize - 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	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Mayonnaise sauce - 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)	10	Gram	Data from Canarias	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
Not Available	Mayonnaise sauce - 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	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Mayonnaise sauce - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from bovine animals - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from bovine animals - meat preparation - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from BCP	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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 Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	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)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Meat from bovine animals - 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 La Rioja	15	0	detection	Listeria monocytogenes	15	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Galicia	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	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)	10	Gram	DATA FROM ANDALUCIA	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from bovine animals - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from bovine animals - 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)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Meat from bovine animals - 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)	10	Gram	Data from Galicia	5	0	<=100	Listeria monocytogenes	5	0
					Data from Madrid Lab 1	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from bovine animals - meat products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla y León	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from bovine animals - 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 y León	10	0	detection	Listeria monocytogenes	10	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)	10	Gram	DATA FROM ANDALUCIA	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Ayto Madrid Lab 2	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	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 Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	2	1	<=100	Listeria monocytogenes	2	1
								>100	Listeria monocytogenes	2	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)	10	Gram	Data from Canarias	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
Not Available	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Meat from broilers (Gallus gallus) - 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	5	0	detection	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	DATA FROM ANDALUCIA	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Processing plant - 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
	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/fee d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Madrid Lab 1	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Ayto Madrid Lab 2	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Packing centre - 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
	Meat from broilers (Gallus gallus) - 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	50	0	detection	Listeria monocytogenes	50	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	DATA FROM ANDALUCIA	110	0	<=100	Listeria monocytogenes	110	0
								>100	Listeria monocytogenes	110	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	DATA FROM ANDALUCIA	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Meat from broilers (Gallus gallus) - meat products - Retail - 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
	Meat from deer (venison) - meat preparation - intended to be eaten raw - chilled - Processing plant - 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
	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/fee d)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
	Meat from duck - meat preparation - intended to be eaten raw - chilled - Processing plant - 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
	Meat from duck - meat products - cooked, ready-to-eat - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from duck - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Euskadi	13	0	detection	Listeria monocytogenes	13	0
	Meat from duck - meat products - cooked, ready-to-eat - Processing plant - 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
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - meat products - heat treated, ready to eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Data from Catalunya_ASPB	5	0	detection	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - meat products - pâté - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Navarra	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Meat from other animal species or not specified - 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 Navarra	25	0	detection	Listeria monocytogenes	25	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 other animal species or not specified - 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)	10	Gram	Data from Navarra	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
Not Available	Meat from other animal species or not specified - 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 Navarra	10	0	detection	Listeria monocytogenes	10	0
								<=100	Listeria monocytogenes	5	0
Not Available	Meat from other animal species or not specified - meat products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Navarra	5	0	>100	Listeria monocytogenes	5	0
								detection	Listeria monocytogenes	5	0
Not Available	Meat from other animal species or not specified - 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	15	0	detection	Listeria monocytogenes	15	0
								<=100	Listeria monocytogenes	35	0
Not Available	Meat from other animal species or not specified - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	DATA FROM ANDALUCIA	35	0	>100	Listeria monocytogenes	35	0
								detection	Listeria monocytogenes	1	0
Not Available	Meat from pig - fresh - frozen - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	Data from Catalunya_ASPB	1	0	detection	Listeria monocytogenes	1	0
								<=100	Listeria monocytogenes	5	0
Not Available	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 d)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	5	0	>100	Listeria monocytogenes	5	0
								detection	Listeria monocytogenes	1	0
Not Available	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 d)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	5	5	detection	Listeria monocytogenes	5	5
								<=100	Listeria monocytogenes	1	0
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Canarias	1	0	>100	Listeria monocytogenes	1	0
								detection	Listeria monocytogenes	5	0
Not Available	Meat from pig - meat preparation - intended to be eaten raw - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	DATA FROM ANDALUCIA	5	0	detection	Listeria monocytogenes	5	0
								detection	Listeria monocytogenes	45	0
Not Available	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)	10	Gram	DATA FROM ANDALUCIA	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
Not Available	Meat from pig - meat products - cooked ham - non-sliced - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Madrid Lab 1	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
Not Available	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 d)	10	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
Not Available	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 d)	25	Gram	Data from Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
					Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
Not Available	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
					>100	Listeria monocytogenes	5	0			
					Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
					>100	Listeria monocytogenes	5	0			
Not Available	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunidad Valenciana	45	0	detection	Listeria monocytogenes	45	0
					Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
Not Available	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Catalunya	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
Not Available	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0
								<=100	Listeria monocytogenes	5	0
Not Available	Meat from pig - meat products - cooked ham - sliced - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	10	Gram	Data from Madrid Lab 1	5	0	>100	Listeria monocytogenes	5	0
								detection	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 ham - sliced - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	10	Gram	Data from Extremadura	20	0	<=100	Listeria monocytogenes	20	0
					Data from Madrid Lab 1	25	0	>100	Listeria monocytogenes	20	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	10	Gram	Data from Catalunya_ASPB	32	2	<=100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Catalunya_ASPB	32	2	detection	Listeria monocytogenes	32	2
					Data from Euskadi	19	0	detection	Listeria monocytogenes	19	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/fees)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	45	3	<=100	Listeria monocytogenes	3	3
								>100	Listeria monocytogenes	3	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/fees)	25	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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/fees)	25	Gram	Data from Comunidad Valenciana	45	3	detection	Listeria monocytogenes	45	3
					Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Aragon	11	0	detection	Listeria monocytogenes	11	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fees)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
					Data from Catalunya_ASPB	5	0	detection	Listeria monocytogenes	5	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/fees)	10	Gram	Data from Comunidad Valenciana	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	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/fees)	25	Gram	Data from Comunidad Valenciana. Samples analyzed only by detection method	25	0	detection	Listeria monocytogenes	25	0
					Data from La Rioja	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Catalunya	10	0	<=100	Listeria monocytogenes	10	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram				>100	Listeria monocytogenes	10	0
					Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	10	Gram	Data from Catalunya	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fees)	10	Gram	Data from Aragon	5	3	<=100	Listeria monocytogenes	3	1
								>100	Listeria monocytogenes	3	2
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fees)	25	Gram	Data from Aragon	5	3	detection	Listeria monocytogenes	5	3
	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/fees)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Madrid Lab 1	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	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/fees)	25	Gram	Data fromm Illes Balears	25	4	<=100	Listeria monocytogenes	4	2
								>100	Listeria monocytogenes	4	2
	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/fees)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	15	0	detection	Listeria monocytogenes	15	0
					Data fromm Illes Balears	25	4	detection	Listeria monocytogenes	25	4
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Catalunya	19	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 pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	19	2	detection	Listeria monocytogenes	19	2
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Catalunya	5	0	detection	Listeria monocytogenes	5	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)	10	Gram	Data from Madrid Lab 1	75	0	<=100	Listeria monocytogenes	75	0
								>100	Listeria monocytogenes	75	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 Illes Balears	10	0	detection	Listeria monocytogenes	10	0
	Meat from pig - meat products - cooked, ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Ayto Madrid Lab 2	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
	Meat from pig - meat products - cooked, ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Ayto Madrid Lab 2	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - fermented sausages - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	5	0	detection	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)	10	Gram	Data from Comunidad Valenciana. Samples analyzed by both, detection and enumeration methods	110	8	<=100	Listeria monocytogenes	8	5
								>100	Listeria monocytogenes	8	3
	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 Comunidad Valenciana. Samples analyzed by both, detection and enumeration methods	110	8	detection	Listeria monocytogenes	110	8
					Data from Comunidad Valenciana. Samples analyzed only by detection method	10	5	detection	Listeria monocytogenes	10	5
	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)	10	Gram	Data from Comunidad Valenciana	45	10	<=100	Listeria monocytogenes	10	8
								>100	Listeria monocytogenes	10	2
	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 Comunidad Valenciana	45	10	detection	Listeria monocytogenes	45	10
	Meat from pig - meat products - meat specialties - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - meat specialties - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
					Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - meat specialties - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	19	5	<=100	Listeria monocytogenes	5	4
								>100	Listeria monocytogenes	5	1
	Meat from pig - meat products - meat specialties - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	19	5	detection	Listeria monocytogenes	19	5
	Meat from pig - meat products - meat specialties - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	Data from Catalunya	15	3	<=100	Listeria monocytogenes	3	3
								>100	Listeria monocytogenes	3	0
	Meat from pig - meat products - meat specialties - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Catalunya	15	3	detection	Listeria monocytogenes	15	3
	Meat from pig - meat products - meat specialties - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	15	6	<=100	Listeria monocytogenes	6	5
								>100	Listeria monocytogenes	6	1
	Meat from pig - meat products - meat specialties - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	15	6	detection	Listeria monocytogenes	15	6
	Meat from pig - meat products - meat specialties - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	Data from Catalunya	5	3	<=100	Listeria monocytogenes	3	3
								>100	Listeria monocytogenes	3	0
	Meat from pig - meat products - meat specialties - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Catalunya	5	3	detection	Listeria monocytogenes	5	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	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)	10	Gram	Data from Castilla-La Mancha	10	5	<=100	Listeria monocytogenes	10	0			
								>100	Listeria monocytogenes	10	5			
	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 Comunidad Valenciana	20	0	detection	Listeria monocytogenes	20	0			
	Meat from pig - meat products - pâté - Processing plant - 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 pig - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0			
								>100	Listeria monocytogenes	5	0			
	Meat from pig - meat products - pâté - Retail - Not Available - food sample - Surveillance - 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 - raw and intended to be eaten raw - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	Data from BCP	45	0	<=100	Listeria monocytogenes	45	0			
								>100	Listeria monocytogenes	45	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/fee d)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0			
								>100	Listeria monocytogenes	5	0			
	Meat from pig - meat products - raw and intended to be eaten raw - Household - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	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/fee d)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	80	5	<=100	Listeria monocytogenes	80	5			
								>100	Listeria monocytogenes	80	0			
								<=100	Listeria monocytogenes	40	0			
								>100	Listeria monocytogenes	40	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/fee d)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	35	10	detection	Listeria monocytogenes	35	10			
								Data from Galicia	20	0	detection	Listeria monocytogenes	20	0
								Data from Navarra	40	0	detection	Listeria monocytogenes	40	0
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Aragon	15	3	<=100	Listeria monocytogenes	3	3			
								>100	Listeria monocytogenes	3	0			
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	15	3	detection	Listeria monocytogenes	15	3			
	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/fee d)	10	Gram	Data from Galicia	45	0	<=100	Listeria monocytogenes	45	0			
								>100	Listeria monocytogenes	45	0			
								Data from Madrid Lab 1	65	0	<=100	Listeria monocytogenes	65	0
								>100	Listeria monocytogenes	65	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/fee d)	10	Gram	Data from Aragon	3	2	<=100	Listeria monocytogenes	2	2			
								>100	Listeria monocytogenes	2	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/fee d)	25	Gram	Data from Aragon	3	2	detection	Listeria monocytogenes	3	2			
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Data from Aragon	1	1	<=100	Listeria monocytogenes	1	1			
								>100	Listeria monocytogenes	1	0			
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	1	detection	Listeria monocytogenes	1	1			
	Meat from pig - meat products - raw ham - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	10	Gram	Data from BCP	15	0	<=100	Listeria monocytogenes	15	0			
								>100	Listeria monocytogenes	15	0			
	Meat from pig - meat products - raw ham - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	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	Meat from pig - meat products - raw ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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/fee d)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
					Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - raw ham - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Aragon	10	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - raw ham - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	10	1	detection	Listeria monocytogenes	10	1
	Meat from pig - meat products - raw ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
	Meat from pig - meat products - raw ham - Retail - 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
	Meat from pig - meat products - ready-to-eat - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Meat from pig - meat products - ready-to-eat - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	70	3	detection	Listeria monocytogenes	70	3
	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/fee d)	10	Gram	Data from Castilla y León	75	1	<=100	Listeria monocytogenes	75	0
								>100	Listeria monocytogenes	75	1
					Data from Extremadura	160	21	<=100	Listeria monocytogenes	21	18
								>100	Listeria monocytogenes	21	3
					Data from La Rioja	50	3	<=100	Listeria monocytogenes	3	3
	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/fee d)	25	Gram	Data from Castilla y León, Samples tested only by detection method	95	40	detection	Listeria monocytogenes	95	40
					Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0
					Data from Extremadura	160	21	detection	Listeria monocytogenes	160	21
					Data from La Rioja	50	3	detection	Listeria monocytogenes	50	3
	Meat from pig - meat products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	17	0	detection	Listeria monocytogenes	17	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/fee d)	25	Gram	DATA FROM ANDALUCIA	870	26	detection	Listeria monocytogenes	870	26
	Meat from pig - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Castilla y León	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	0
					Data from Extremadura	50	0	<=100	Listeria monocytogenes	50	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/fee d)	25	Gram	Data from La Rioja	10	0	detection	Listeria monocytogenes	10	0
					Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	DATA FROM ANDALUCIA	940	0	<=100	Listeria monocytogenes	940	0
								>100	Listeria monocytogenes	940	0
	Meat from pig - meat products - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	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 - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Meat from pig - meat products - ready-to-eat - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	65	0	<=100	Listeria monocytogenes	65	0
								>100	Listeria monocytogenes	65	0
	Meat from pig - meat products - unspecified, non ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat from pig - meat products - unspecified, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	1	0	detection	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/feed)	10	Gram	Data from Extremadura	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	8	1	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	1
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	8	1	detection	Listeria monocytogenes	8	1
	Meat from rabbit - meat products - pâté - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya_ASPB	22	0	<=100	Listeria monocytogenes	22	0
								>100	Listeria monocytogenes	22	0
	Meat from rabbit - meat products - pâté - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	22	0	detection	Listeria monocytogenes	22	0
	Meat from turkey - 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 Aragón	4	2	<=100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
	Meat from turkey - 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 Aragón	4	2	detection	Listeria monocytogenes	4	2
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	Data from Aragón	1	0	detection	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/feed)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Extremadura	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Navarra	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	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 La Rioja	5	0	detection	Listeria monocytogenes	5	0
					Data from Navarra	10	0	detection	Listeria monocytogenes	10	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	10	0	detection	Listeria monocytogenes	10	0
	Meat from turkey - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragón	2	0	detection	Listeria monocytogenes	2	0
	Meat from turkey - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Madrid Lab 1	35	0	<=100	Listeria monocytogenes	35	0
								>100	Listeria monocytogenes	35	0
	Meat from turkey - meat products - cooked, ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Ayto Madrid Lab 2	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Meat from turkey - 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)	10	Gram	Data from Madrid Lab 1	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	0
	Meat from turkey - 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)	25	Gram	Data from Comunidad Valenciana	5	0	detection	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 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	10	5	detection	Listeria monocytogenes	10	5
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	25	0	detection	Listeria monocytogenes	25	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Cantabria	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Meat, mixed meat - meat preparation - intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Principado de Asturias	55	5	detection	Listeria monocytogenes	55	5
	Meat, mixed meat - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Data from Catalunya_ASPB	10	0	detection	Listeria monocytogenes	10	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	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/fee d)	25	Gram	Data from Principado de Asturias	15	0	detection	Listeria monocytogenes	15	0
	Meat, mixed meat - 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/fee d)	10	Gram	Data from Cantabria	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Melons (except watermelon) - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Milk, cows' - pasteurised milk - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Millilitre	Data from Cantabria	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	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	Millilitre	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
					Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
					Data from Principado de Asturias	10	0	detection	Listeria monocytogenes	10	0
	Milk, cows' - pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Millilitre	Data from Catalunya	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Milk, cows' - pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	Data from Catalunya	8	0	detection	Listeria monocytogenes	8	0
	Milk, cows' - pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Millilitre	Data from Navarra	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	Millilitre	Data from Navarra	5	0	detection	Listeria monocytogenes	5	0
					Data from Principado de Asturias	10	0	detection	Listeria monocytogenes	10	0
	Milk, cows' - pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Millilitre	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Catalunya	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Milk, cows' - pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	Data from Catalunya	4	0	detection	Listeria monocytogenes	4	0
	Milk, cows' - pasteurised milk - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Millilitre	Data from Castilla-La Mancha	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	Milk, cows' - raw milk - intended for direct human consumption - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	Data from Galicia	5	0	detection	Listeria monocytogenes	5	0			
	Milk, cows' - raw milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Millilitre	Samples tested only by 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)	10	Millilitre	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0			
								>100	Listeria monocytogenes	5	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	Millilitre	Data from Navarra	5	0	detection	Listeria monocytogenes	5	0			
	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 Comunidad Valenciana	15	0	detection	Listeria monocytogenes	15	0			
	Molluscan shellfish - cooked - chilled - Processing plant - 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			
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0			
								>100	Listeria monocytogenes	5	0			
								Data from Comunidad Valenciana	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	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 Comunidad Valenciana. Samples analyzed only by detection method	10	0	detection	Listeria monocytogenes	10	0			
					Data from La Rioja	5	0	detection	Listeria monocytogenes	5	0			
					Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0			
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	1	0	<=100	Listeria monocytogenes	1	0			
								>100	Listeria monocytogenes	1	0			
								<=100	Listeria monocytogenes	1	0			
	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	1	0	>100	Listeria monocytogenes	1	0			
								>100	Listeria monocytogenes	1	0			
	Molluscan shellfish - cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	30	0	detection	Listeria monocytogenes	30	0			
					Data from Galicia	95	1	detection	Listeria monocytogenes	95	1			
	Molluscan shellfish - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	25	0	<=100	Listeria monocytogenes	25	0			
								>100	Listeria monocytogenes	25	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 Comunidad Valenciana. Samples analyzed only by detection method	5	0	detection	Listeria monocytogenes	5	0			
					Data from Principado de Asturias	30	0	detection	Listeria monocytogenes	30	0			
	Molluscan shellfish - cooked - Retail - 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			
	Other processed food products and prepared dishes - cereal bars - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0			
Other processed food products and prepared dishes - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Illes Balears	25	0	detection	Listeria monocytogenes	25	0				
Other processed food products and prepared dishes - egg based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0				
							>100	Listeria monocytogenes	15	0				
Other processed food products and prepared dishes - egg based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	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 - Official sampling - Objective sampling	single (food/fee d)	10	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 - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	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)	10	Gram	Data from Navarra	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	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 Euskadi	15	0	detection	Listeria monocytogenes	15	0
					Data from Galicia	40	2	detection	Listeria monocytogenes	40	2
					Data from Madrid Lab 1	20	0	detection	Listeria monocytogenes	20	0
					Data from Navarra	5	0	detection	Listeria monocytogenes	5	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 Aragon	1	0	detection	Listeria monocytogenes	1	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	35	0	detection	Listeria monocytogenes	35	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 Principado de Asturias	30	0	detection	Listeria monocytogenes	30	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)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Comunidad Valenciana	45	0	<=100	Listeria monocytogenes	45	0
								>100	Listeria monocytogenes	45	0
					Data from Euskadi	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
					Data from Madrid Lab 1	38	0	<=100	Listeria monocytogenes	38	0
								>100	Listeria monocytogenes	38	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	Samples tested only by detection method	7	0	detection	Listeria monocytogenes	7	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 - Selective 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 - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0	
Data from Galicia					20	0	<=100	Listeria monocytogenes	20	0	
							>100	Listeria monocytogenes	20	0	
Data from Madrid Lab 1					5	0	<=100	Listeria monocytogenes	5	0	
							>100	Listeria monocytogenes	5	0	
Data from Navarra					5	0	<=100	Listeria monocytogenes	5	0	
							>100	Listeria monocytogenes	5	0	
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 Navarra	5	0	detection	Listeria monocytogenes	5	0	
Other processed food products and prepared dishes - egg based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0	
							>100	Listeria monocytogenes	6	0	
				Data from Catalunya	3	0	<=100	Listeria monocytogenes	3	0	
							>100	Listeria monocytogenes	3	0	
				Data from Madrid Lab 1	2	0	<=100	Listeria monocytogenes	2	0	
							>100	Listeria monocytogenes	2	0	
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	1	0	detection	Listeria monocytogenes	1	0	
				Data from Catalunya	3	0	detection	Listeria monocytogenes	3	0	
				Samples tested only by detection method	3	0	detection	Listeria monocytogenes	3	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)	10	Gram	DATA FROM ANDALUCIA	60	0	<=100	Listeria monocytogenes	60	0	
							>100	Listeria monocytogenes	60	0	
Other processed food products and prepared dishes - egg based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	10	0	<=100	Listeria monocytogenes	10	0	
							>100	Listeria monocytogenes	10	0	
Other processed food products and prepared dishes - egg based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0	
							>100	Listeria monocytogenes	4	0	
				Data from Madrid Lab 1	8	0	<=100	Listeria monocytogenes	8	0	
							>100	Listeria monocytogenes	8	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 - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	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)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	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/fee d)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	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/fee d)	25	Gram	Samples tested only by detection method	8	0	detection	Listeria monocytogenes	8	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)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	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 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
					Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	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)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	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 Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
					Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0
					Data from Galicia	15	0	detection	Listeria monocytogenes	15	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	25	0	detection	Listeria monocytogenes	25	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)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Comunidad Valenciana	25	0	<=100	Listeria monocytogenes	25	0
								>100	Listeria monocytogenes	25	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 Principado de Asturias	10	0	detection	Listeria monocytogenes	10	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/fee d)	10	Gram	Data from Canarias	16	0	<=100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	0
					Data from Comunidad Valenciana	26	0	<=100	Listeria monocytogenes	26	0
								>100	Listeria monocytogenes	26	0
					Data from Euskadi	80	0	<=100	Listeria monocytogenes	80	0
								>100	Listeria monocytogenes	80	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/fee d)	25	Gram	Data from Aragon	5	0	detection	Listeria monocytogenes	5	0
					Samples tested only by detection method	8	0	detection	Listeria monocytogenes	8	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 - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
					Data from Catalunya	5	2	<=100	Listeria monocytogenes	2	2
								>100	Listeria monocytogenes	2	0
					Data from Madrid Lab 1	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	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	2	0	detection	Listeria monocytogenes	2	0
					Data from Catalunya	5	2	detection	Listeria monocytogenes	5	2
					Samples tested only by detection method	9	0	detection	Listeria monocytogenes	9	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)	10	Gram	DATA FROM ANDALUCIA	85	0	<=100	Listeria monocytogenes	85	0
								>100	Listeria monocytogenes	85	0
	Other processed food products and prepared dishes - fish and seafood based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - fish and seafood based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Madrid Lab 1	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - fish and seafood based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	6	0	detection	Listeria monocytogenes	6	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/fee d)	10	Gram	Data from Madrid Lab 1	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	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)	10	Gram	Data from Cantabria	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	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 y León	10	0	detection	Listeria monocytogenes	10	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)	10	Gram	Data from Extremadura	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Galicia	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	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 y León	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Processing plant - 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
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	9	0	detection	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - legumes based dishes - Canteen or workplace catering - 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
	Other processed food products and prepared dishes - legumes based dishes - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	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	5	0	detection	Listeria monocytogenes	5	0
					Samples tested only by detection method	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 - legumes based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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 Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
					Data from Euskadi	15	0	detection	Listeria monocytogenes	15	0
					Data from Galicia	10	0	detection	Listeria monocytogenes	10	0
					Data from Madrid Lab 1	35	0	detection	Listeria monocytogenes	35	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 Aragon	1	0	detection	Listeria monocytogenes	1	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)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
					>100	Listeria monocytogenes	5	0			
					Data from Comunidad Valenciana	80	0	<=100	Listeria monocytogenes	80	0
								>100	Listeria monocytogenes	80	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. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
					Data from Principado de Asturias	5	0	detection	Listeria monocytogenes	5	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/fee d)	10	Gram	Data from Aragon	2	1	<=100	Listeria monocytogenes	1	0
					>100	Listeria monocytogenes	1	1			
					Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
					>100	Listeria monocytogenes	3	0			
					Data from Comunidad Valenciana	27	0	<=100	Listeria monocytogenes	27	0
					>100	Listeria monocytogenes	27	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/fee d)	25	Gram	Data from Aragon	2	1	detection	Listeria monocytogenes	2	1
					Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	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/fee d)	10	Gram	Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
					>100	Listeria monocytogenes	15	0			
					Data from Galicia	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	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)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
					>100	Listeria monocytogenes	1	0			
					Data from Madrid Lab 1	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	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	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - legumes based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
	Other processed food products and prepared dishes - legumes based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
					>100	Listeria monocytogenes	1	0			
					Data from Madrid Lab 1	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
	Other processed food products and prepared dishes - legumes based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - meat based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
					>100	Listeria monocytogenes	5	0			
	Other processed food products and prepared dishes - meat based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
					>100	Listeria monocytogenes	1	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/fee d)	10	Gram	Data from Comunidad Valenciana	35	0	<=100	Listeria monocytogenes	35	0
					>100	Listeria monocytogenes	35	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 - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0			
								>100	Listeria monocytogenes	1	0			
Not Available	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	2	0	detection	Listeria monocytogenes	2	0			
					Samples tested only by detection method	9	0	detection	Listeria monocytogenes	9	0			
Not Available	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)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0			
								>100	Listeria monocytogenes	2	0			
Not Available	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	8	0	detection	Listeria monocytogenes	8	0			
					Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0			
Not Available	Other processed food products and prepared dishes - meat based dishes - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0			
								>100	Listeria monocytogenes	5	0			
Not Available	Other processed food products and prepared dishes - meat based dishes - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0			
Not Available	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)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	40	0	<=100	Listeria monocytogenes	40	0			
								>100	Listeria monocytogenes	40	0			
					Data from Euskadi	115	2	<=100	Listeria monocytogenes	2	2			
								>100	Listeria monocytogenes	2	0			
Not Available	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 Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0			
					Data from Comunidad Valenciana	20	0	detection	Listeria monocytogenes	20	0			
					Data from Euskadi	115	2	detection	Listeria monocytogenes	115	2			
					Data from Galicia	30	0	detection	Listeria monocytogenes	30	0			
					Data from Madrid Lab 1	75	0	detection	Listeria monocytogenes	75	0			
					Data from Principado de Asturias	15	0	detection	Listeria monocytogenes	15	0			
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/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0			
Not Available	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	35	0	detection	Listeria monocytogenes	35	0			
Not Available	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)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	10	0	<=100	Listeria monocytogenes	10	0			
								>100	Listeria monocytogenes	10	0			
								Data from Comunidad Valenciana	80	0	<=100	Listeria monocytogenes	80	0
								>100	Listeria monocytogenes	80	0			
Not Available	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 Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0			
					Data from Principado de Asturias	55	0	detection	Listeria monocytogenes	55	0			
Not Available	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/fee d)	10	Gram	Data from Canarias	27	0	<=100	Listeria monocytogenes	27	0			
								>100	Listeria monocytogenes	27	0			
								Data from Comunidad Valenciana	63	0	<=100	Listeria monocytogenes	63	0
											>100	Listeria monocytogenes	63	0
								<=100	Listeria monocytogenes	138	0			
								>100	Listeria monocytogenes	138	0			
Not Available	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/fee d)	25	Gram	Data from Aragon	11	0	detection	Listeria monocytogenes	11	0			
					Samples tested only by detection method	25	0	detection	Listeria monocytogenes	25	0			
Not Available	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 - Selective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0			
Not Available	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)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0			
								>100	Listeria monocytogenes	5	0			
								Data from Madrid Lab 1	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	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 Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
					Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
Not Available	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	8	0	<=100	Listeria monocytogenes	8	0
								>100	Listeria monocytogenes	8	0
					Data from Catalunya	27	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
Not Available	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
					Data from Catalunya	27	1	detection	Listeria monocytogenes	27	1
					Samples tested only by detection method	8	0	detection	Listeria monocytogenes	8	0
Not Available	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
Not Available	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)	10	Gram	DATA FROM ANDALUCIA	95	0	<=100	Listeria monocytogenes	95	0
								>100	Listeria monocytogenes	95	0
Not Available	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
Not Available	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Madrid Lab 1	24	0	<=100	Listeria monocytogenes	24	0
			>100	Listeria monocytogenes	24	0					
Not Available	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
Not Available	Other processed food products and prepared dishes - meat based dishes - Take-away or fast-food outlet - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
Not Available	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)	10	Gram	Data from Euskadi	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
Not Available	Other processed food products and prepared dishes - noodles - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Other processed food products and prepared dishes - pasta - 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
Not Available	Other processed food products and prepared dishes - pasta - filled pasta - 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	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
Not Available	Other processed food products and prepared dishes - pasta - Hospital or medical care facility - 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
Not Available	Other processed food products and prepared dishes - pasta - Processing plant - 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
Not Available	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 - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	4	0	detection	Listeria monocytogenes	4	0
					Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
Not Available	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
Not Available	Other processed food products and prepared dishes - pasta - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
Not Available	Other processed food products and prepared dishes - pasta - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
Not Available	Other processed food products and prepared dishes - pasta - simple pasta - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	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	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)	10	Gram	Data from Castilla-La Mancha	20	0	<=100	Listeria monocytogenes	20	0	
								>100	Listeria monocytogenes	20	0	
	Other processed food products and prepared dishes - pasta - simple pasta - 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)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0	
								>100	Listeria monocytogenes	5	0	
	Other processed food products and prepared dishes - pasta - simple pasta - 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. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	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/fee d)	10	Gram	Data from Comunidad Valenciana	45	0	<=100	Listeria monocytogenes	45	0	
								>100	Listeria monocytogenes	45	0	
	Other processed food products and prepared dishes - pasta based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0	
	Other processed food products and prepared dishes - pasta based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	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 Euskadi	10	0	detection	Listeria monocytogenes	10	0	
					Data from Madrid Lab 1	30	0	detection	Listeria monocytogenes	30	0	
					Data from Principado de Asturias	5	0	detection	Listeria monocytogenes	5	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	30	0	detection	Listeria monocytogenes	30	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)	10	Gram	Data from Comunidad Valenciana	20	0	<=100	Listeria monocytogenes	20	0	
								>100	Listeria monocytogenes	20	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 Principado de Asturias	5	0	detection	Listeria monocytogenes	5	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/fee d)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0	
									>100	Listeria monocytogenes	4	0
					Data from Comunidad Valenciana	31	0	<=100	Listeria monocytogenes	31	0	
									>100	Listeria monocytogenes	31	0
					Data from Euskadi	36	0	<=100	Listeria monocytogenes	36	0	
									>100	Listeria monocytogenes	36	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)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0	
									>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0	
								>100	Listeria monocytogenes	5	0	
	Other processed food products and prepared dishes - pasta based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0	
								>100	Listeria monocytogenes	2	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)	10	Gram	DATA FROM ANDALUCIA	45	0	<=100	Listeria monocytogenes	45	0	
								>100	Listeria monocytogenes	45	0	
	Other processed food products and prepared dishes - pasta based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0	
								>100	Listeria monocytogenes	2	0	
	Other processed food products and prepared dishes - pasta based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0	
	Other processed food products and prepared dishes - pasta/rice salad - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0	
								>100	Listeria monocytogenes	1	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/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	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 Galicia	5	0	detection	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	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)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	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/fee d)	10	Gram	Data from Euskadi	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	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/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta/rice salad - Retail - 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
					Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	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)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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/fee d)	10	Gram	Data from Catalunya	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	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/fee d)	25	Gram	Data from Catalunya	4	0	detection	Listeria monocytogenes	4	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/fee d)	10	Gram	Data from Euskadi	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	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/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Catalunya	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 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
					Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - porridge - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - porridge - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	5	0	detection	Listeria monocytogenes	5	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)	10	Gram	Data from Comunidad Valenciana	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	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)	10	Gram	Data from Comunidad Valenciana	10	1	<=100	Listeria monocytogenes	1	1
								>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 Comunidad Valenciana	10	1	detection	Listeria monocytogenes	10	1
	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)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	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 Principado de Asturias	35	0	detection	Listeria monocytogenes	35	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/fee d)	10	Gram	Data from Comunidad Valenciana	12	0	<=100	Listeria monocytogenes	12	0
								>100	Listeria monocytogenes	12	0
					Data from Euskadi	17	0	<=100	Listeria monocytogenes	17	0
								>100	Listeria monocytogenes	17	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/fee d)	25	Gram	Data from Aragon	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 - potato based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	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 Castilla y León	5	0	detection	Listeria monocytogenes	5	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/fee d)	10	Gram	Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - rice based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	3	0	detection	Listeria monocytogenes	3	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/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	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/fee d)	25	Gram	Data from Aragón	1	0	detection	Listeria monocytogenes	1	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/fee d)	25	Gram	Data from Galicia	10	0	detection	Listeria monocytogenes	10	0
					Data from Madrid Lab 1	10	0	detection	Listeria monocytogenes	10	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/fee d)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
			>100	Listeria monocytogenes	15	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/fee d)	25	Gram	Data from Principado de Asturias	15	0	detection	Listeria monocytogenes	15	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/fee d)	10	Gram	Data from Canarias	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
					Data from Comunidad Valenciana	26	0	<=100	Listeria monocytogenes	26	0
								>100	Listeria monocytogenes	26	0
					Data from Euskadi	30	0	<=100	Listeria monocytogenes	30	0
			>100	Listeria monocytogenes	30	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/fee d)	25	Gram	Data from Aragón	3	0	detection	Listeria monocytogenes	3	0
					Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	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/fee d)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	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)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
					Data from Madrid Lab 1	3	0	<=100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	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 Aragón	1	0	detection	Listeria monocytogenes	1	0
					Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - rice based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Madrid Lab 1	20	0	<=100	Listeria monocytogenes	20	0
							>100	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	Other processed food products and prepared dishes - rice based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0		
					Data from Madrid Lab 1	3	0	>100	Listeria monocytogenes	1	0		
	Other processed food products and prepared dishes - rice based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	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/fee d)	25	Gram	Data from Madrid Lab 1	5	0	detection	Listeria monocytogenes	5	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)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0		
>100								Listeria monocytogenes	3	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	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0		
	Other processed food products and prepared dishes - sandwiches - non-meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	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 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	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/fee d)	25	Gram	Data from Euskadi	15	0	detection	Listeria monocytogenes	15	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 - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0		
>100								Listeria monocytogenes	1	0			
Data from Euskadi								10	0	<=100	Listeria monocytogenes	10	0
>100								Listeria monocytogenes	10	0			
	Other processed food products and prepared dishes - Sandwiches - with fish - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0		
	Other processed food products and prepared dishes - Sandwiches - with fish - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0		
>100								Listeria monocytogenes	1	0			
	Other processed food products and prepared dishes - Sandwiches - with fish - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0		
	Other processed food products and prepared dishes - Sandwiches - with fish - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Madrid Lab 1	5	0	detection	Listeria monocytogenes	5	0		
	Other processed food products and prepared dishes - Sandwiches - with fish - 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)	10	Gram	Data from Canarias	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 Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0		
Data from Madrid Lab 1					15	1	detection	Listeria monocytogenes	15	1			
	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)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0		
>100								Listeria monocytogenes	5	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)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0		
>100								Listeria monocytogenes	5	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	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0		
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	8	0	<=100	Listeria monocytogenes	8	0		
>100								Listeria monocytogenes	8	0			
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	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 - snacks other than chips and similar - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla y León	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - sushi - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
					Data from Madrid Lab 1	10	0	detection	Listeria monocytogenes	10	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)	10	Gram	Data from Comunidad Valenciana	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Euskadi	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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)	10	Gram	Data from Extremadura	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0
					Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - 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/fee d)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - chilled - 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)	10	Gram	Data from Madrid Lab 1	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Data from Catalunya_ASPB	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Navarra	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	10	0	detection	Listeria monocytogenes	10	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	184	0	detection	Listeria monocytogenes	184	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Cantabria	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Data from Catalunya_ASPB	5	0	detection	Listeria monocytogenes	5	0
	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)	10	Gram	Data from Cantabria	30	0	<=100	Listeria monocytogenes	30	0
								>100	Listeria monocytogenes	30	0
					Data from Extremadura	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	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 La Rioja	5	0	detection	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - 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 Principado de Asturias	10	0	detection	Listeria monocytogenes	10	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 - Objective 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 - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Madrid Lab 1	5	0	detection	Listeria monocytogenes	5	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)	10	Gram	Data from Euskadi	16	0	<=100	Listeria monocytogenes	16	0
								>100	Listeria monocytogenes	16	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	3	0	detection	Listeria monocytogenes	3	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)	10	Gram	Data from Cantabria	40	0	<=100	Listeria monocytogenes	40	0
								>100	Listeria monocytogenes	40	0
					Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Extremadura	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	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	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	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/fee d)	10	Gram	Data from Catalunya	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	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/fee d)	25	Gram	Data from Catalunya	3	0	detection	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - vegetable based dishes - Canteen or workplace catering - 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
	Other processed food products and prepared dishes - vegetable based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	25	0	detection	Listeria monocytogenes	25	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)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	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	Samples tested only by detection method	4	0	detection	Listeria monocytogenes	4	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)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>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 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	6	0	<=100	Listeria monocytogenes	6	0
								>100	Listeria monocytogenes	6	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	10	0	detection	Listeria monocytogenes	10	0
					Samples tested only by detection method	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - vegetable based dishes - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	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 - vegetable based dishes - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
					>100	Listeria monocytogenes	5	0			
					Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
					>100	Listeria monocytogenes	15	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 Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	15	0	detection	Listeria monocytogenes	15	0
					Data from Euskadi	20	0	detection	Listeria monocytogenes	20	0
					Data from Galicia	25	0	detection	Listeria monocytogenes	25	0
	Data from Madrid Lab 1	30	0	detection	Listeria monocytogenes	30	0				
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Surveillance - 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 - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	DATA FROM ANDALUCIA	40	0	detection	Listeria monocytogenes	40	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)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
					>100	Listeria monocytogenes	4	0			
					Data from Comunidad Valenciana	60	0	<=100	Listeria monocytogenes	60	0
					>100	Listeria monocytogenes	60	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 Principado de Asturias	15	0	detection	Listeria monocytogenes	15	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/fee d)	10	Gram	Data from Comunidad Valenciana	27	1	<=100	Listeria monocytogenes	27	0
					>100	Listeria monocytogenes	27	1			
					Data from Euskadi	91	0	<=100	Listeria monocytogenes	91	0
					>100	Listeria monocytogenes	91	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/fee d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	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 - Selective sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	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)	10	Gram	Data from Canarias	5	0	<=100	Listeria monocytogenes	5	0	
				>100	Listeria monocytogenes	5	0				
				Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0	
				>100	Listeria monocytogenes	10	0				
				Data from Extremadura	10	0	<=100	Listeria monocytogenes	10	0	
				>100	Listeria monocytogenes	10	0				
				Data from Galicia	10	0	<=100	Listeria monocytogenes	10	0	
				>100	Listeria monocytogenes	10	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)	10	Gram	Data from Canarias	27	0	<=100	Listeria monocytogenes	27	0	
				>100	Listeria monocytogenes	27	0				
				Data from Catalunya	5	0	<=100	Listeria monocytogenes	5	0	
				>100	Listeria monocytogenes	5	0				
Data from Madrid Lab 1	4	0	<=100	Listeria monocytogenes	4	0					
>100	Listeria monocytogenes	4	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	3	0	detection	Listeria monocytogenes	3	0	
				Data from Catalunya	5	0	detection	Listeria monocytogenes	5	0	
				Samples tested only by detection method	21	0	detection	Listeria monocytogenes	21	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)	10	Gram	DATA FROM ANDALUCIA	195	0	<=100	Listeria monocytogenes	195	0	
>100	Listeria monocytogenes	195	0								
Other processed food products and prepared dishes - vegetable based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	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	Other processed food products and prepared dishes - vegetable based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	4	0	detection	Listeria monocytogenes	4	0
	Other processed food products and prepared dishes - vegetable based dishes - Take-away or fast-food outlet - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	20	1	<=100	Listeria monocytogenes	20	1
								>100	Listeria monocytogenes	20	1
	Other processed food products and prepared dishes - vegetable based dishes - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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)	10	Gram	Data from Navarra	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	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 Navarra	10	0	detection	Listeria monocytogenes	10	0
	Papaya - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Peppers - 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	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Ready-to-eat salads - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	125	0	<=100	Listeria monocytogenes	125	0
								>100	Listeria monocytogenes	125	0
	Ready-to-eat salads - containing mayonnaise - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	3	0	<=100	Listeria monocytogenes	3	0
								>100	Listeria monocytogenes	3	0
	Ready-to-eat salads - containing mayonnaise - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Ready-to-eat salads - containing mayonnaise - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	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)	10	Gram	Data from Navarra	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	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 Euskadi	20	0	detection	Listeria monocytogenes	20	0
					Data from Navarra	20	0	detection	Listeria monocytogenes	20	0
	Ready-to-eat salads - containing mayonnaise - Processing plant - 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
	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)	10	Gram	Data from Canarias	19	0	<=100	Listeria monocytogenes	19	0
								>100	Listeria monocytogenes	19	0
					Data from Euskadi	21	0	<=100	Listeria monocytogenes	21	0
								>100	Listeria monocytogenes	21	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	2	0	detection	Listeria monocytogenes	2	0
					Samples tested only by detection method	11	0	detection	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 - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	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	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	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 Aragon	2	0	detection	Listeria monocytogenes	2	0
					Samples tested only by detection method	9	0	detection	Listeria monocytogenes	9	0
	Ready-to-eat salads - containing mayonnaise - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by 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	Ready-to-eat salads - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Castilla-La Mancha	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Navarra	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
Ready-to-eat salads - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling		single (food/feed)	25	Gram	Data from Comunidad Valenciana	10	0	detection	Listeria monocytogenes	10	0
					Data from Euskadi	5	0	detection	Listeria monocytogenes	5	0
					Data from Navarra	10	0	detection	Listeria monocytogenes	10	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/feed)	10	Gram	Data from Comunidad Valenciana	125	0	<=100	Listeria monocytogenes	125	0
								>100	Listeria monocytogenes	125	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)	10	Gram	Data from Comunidad Valenciana	105	1	<=100	Listeria monocytogenes	105	0
								>100	Listeria monocytogenes	105	1
					Data from Euskadi	103	2	<=100	Listeria monocytogenes	103	2
								>100	Listeria monocytogenes	103	0
Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling		single (food/feed)	10	Gram	Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
					Data from Navarra	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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 Navarra	5	0	detection	Listeria monocytogenes	5	0
Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling		single (food/feed)	10	Gram	Data from Castilla-La Mancha	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling		single (food/feed)	25	Gram	Data from Aragon	6	0	detection	Listeria monocytogenes	6	0
Ready-to-eat salads - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling		single (food/feed)	10	Gram	Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
Sauce and dressings - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling		single (food/feed)	10	Gram	Data from Comunidad Valenciana	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	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	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
Sauce and dressings - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Selective sampling		single (food/feed)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
Sauce and dressings - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling		single (food/feed)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
Sauce and dressings - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling		single (food/feed)	10	Gram	DATA FROM ANDALUCIA	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
Sauce and dressings - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling		single (food/feed)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Seeds, sprouted - 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 Comunidad Valenciana	15	0	detection	Listeria monocytogenes	15	0
Seeds, sprouted - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling		single (food/feed)	10	Gram	Data from Castilla-La Mancha	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Navarra	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	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 Navarra	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	Seeds, sprouted - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Seeds, sprouted - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
Not Available	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Cantabria	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
					Data from Principado de Asturias	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
Not Available	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 Comunidad Valenciana	70	0	detection	Listeria monocytogenes	70	0
Not Available	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Castilla-La Mancha	1	1	<=100	Listeria monocytogenes	1	1
								>100	Listeria monocytogenes	1	0
					Data from Catalunya	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Data from Comunidad Valenciana	8	0	<=100	Listeria monocytogenes	8	0					
			>100	Listeria monocytogenes	8	0					
Not Available	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	1	0	detection	Listeria monocytogenes	1	0
					Data from Comunidad Valenciana. Samples analyzed only by detection method	6	0	detection	Listeria monocytogenes	6	0
Not Available	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 Comunidad Valenciana	35	0	detection	Listeria monocytogenes	35	0
Not Available	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	2	0	detection	Listeria monocytogenes	2	0
Not Available	Seeds, sprouted - shoot - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	3	0	detection	Listeria monocytogenes	3	0
Not Available	Solanacea fruiting vegetables - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
Not Available	Soups - ready-to-eat - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
Not Available	Soups - ready-to-eat - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
Not Available	Soups - 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	5	0	detection	Listeria monocytogenes	5	0
Not Available	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)	10	Gram	Data from Comunidad Valenciana	15	0	<=100	Listeria monocytogenes	15	0
								>100	Listeria monocytogenes	15	0
Not Available	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/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
					Data from Comunidad Valenciana	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
Not Available	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/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
Not Available	Soups - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
Not Available	Soups - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by 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	Soups - ready-to-eat - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	4	0	<=100	Listeria monocytogenes	4	0
								>100	Listeria monocytogenes	4	0
	Soups - ready-to-eat - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	2	0	detection	Listeria monocytogenes	2	0
	Spice seeds - 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	5	0	detection	Listeria monocytogenes	5	0
	Spice seeds - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Spice seeds - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha. Samples tested only by enumeration method	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Spice seeds - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha. Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Spice seeds - Wholesale - 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
	Spices and herbs - dried - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Spices and herbs - dried - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	92	0	<=100	Listeria monocytogenes	92	0
								>100	Listeria monocytogenes	92	0
	Spices and herbs - dried - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Comunidad Valenciana	60	0	<=100	Listeria monocytogenes	60	0
								>100	Listeria monocytogenes	60	0
	Spices and herbs - dried - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragón	2	0	detection	Listeria monocytogenes	2	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
					Data from Comunidad Valenciana	50	0	<=100	Listeria monocytogenes	50	0
								>100	Listeria monocytogenes	50	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragón	5	0	detection	Listeria monocytogenes	5	0
					Data from Castilla-La Mancha	2	0	detection	Listeria monocytogenes	2	0
	Surimi - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	5	0	detection	Listeria monocytogenes	5	0
	Surimi - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from BCP	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Sweet corn - 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	Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
	Sweet corn - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Tamarind - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Madrid Lab 1	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - bean - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Vegetables - bean - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - leaves - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla-La Mancha	1	1	<=100	Listeria monocytogenes	1	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	Vegetables - non-pre-cut - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Samples tested only by detection method	1	0	detection	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 Extremadura	10	0	detection	Listeria monocytogenes	10	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 Extremadura	5	0	detection	Listeria monocytogenes	5	0
	Vegetables - pre-cut - frozen vegetables - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	DATA FROM ANDALUCIA	115	0	<=100	Listeria monocytogenes	115	0
								>100	Listeria monocytogenes	115	0
	Vegetables - pre-cut - Processing plant - 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
	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)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Castilla-La Mancha. Samples tested only by enumeration method	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	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 Castilla-La Mancha. Samples tested only by detection method	5	0	detection	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana	30	3	detection	Listeria monocytogenes	30	3
	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	65	0	detection	Listeria monocytogenes	65	0
	Vegetables - pre-cut - 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/fee d)	25	Gram	Samples tested only by detection method	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)	10	Gram	Data from Comunidad Valenciana. Samples analyzed by both, detection and enumeration methods	10	5	<=100	Listeria monocytogenes	5	5
								>100	Listeria monocytogenes	5	0
					Data from Comunidad Valenciana. Samples analyzed only by enumeration method	85	0	<=100	Listeria monocytogenes	85	0
								>100	Listeria monocytogenes	85	0
					Data from Madrid Lab 1	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
					Data from Principado de Asturias	20	0	<=100	Listeria monocytogenes	20	0
								>100	Listeria monocytogenes	20	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 Comunidad Valenciana. Samples analyzed by both, detection and enumeration methods	10	5	detection	Listeria monocytogenes	10	5
					Data from La Rioja	15	0	detection	Listeria monocytogenes	15	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Catalunya	14	0	<=100	Listeria monocytogenes	14	0
								>100	Listeria monocytogenes	14	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Aragon	2	0	detection	Listeria monocytogenes	2	0
					Data from Catalunya	14	0	detection	Listeria monocytogenes	14	0
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	DATA FROM ANDALUCIA	425	0	<=100	Listeria monocytogenes	425	0
								>100	Listeria monocytogenes	425	0
	Vegetables - pre-cut - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Vegetables - pre-cut - ready-to-eat - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	10	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	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - products - canned - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	10	Gram	Data from Castilla-La Mancha	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Vegetables - products - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Vegetables - products - cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Vegetables - products - cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	10	Gram	Data from Madrid Lab 1	7	0	<=100	Listeria monocytogenes	7	0
								>100	Listeria monocytogenes	7	0
	Vegetables - products - cream - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	10	Gram	Data from Madrid Lab 1	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	0
	Vegetables - products - cream - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	10	Gram	Data from Madrid Lab 1	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	0
	Vegetables - products - dried - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	10	0	detection	Listeria monocytogenes	10	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/food)	10	Gram	Data from Comunidad Valenciana	10	0	<=100	Listeria monocytogenes	10	0
								>100	Listeria monocytogenes	10	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/food)	10	Gram	Data from Comunidad Valenciana	2	0	<=100	Listeria monocytogenes	2	0
								>100	Listeria monocytogenes	2	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/food)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - products - fruit purée - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Samples tested only by detection method	1	0	detection	Listeria monocytogenes	1	0
	Vegetables - products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	10	Gram	Data from Castilla y León	5	0	<=100	Listeria monocytogenes	5	0
								>100	Listeria monocytogenes	5	0
	Watermelon - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	10	Gram	Data from Canarias	1	0	<=100	Listeria monocytogenes	1	0
								>100	Listeria monocytogenes	1	0

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	108	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	16	0	Lyssavirus	0
	Dogs - pet animals - Veterinary clinics - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N.A	Not Available	animal	20	0	Lyssavirus	0
	Ferrets - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N.A	Not Available	animal	1	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N.A	Not Available	animal	9	0	Lyssavirus	0
	Rats - wild - Natural habitat - Spain - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	N.A	Not Available	animal	7	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 - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Galicia	Visual inspection	animal	39527 6	45	Mycobacterium spp., unspecified	45
	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	80445	225	Mycobacterium spp., unspecified	225
	Cattle (bovine animals) - calves (under 1 year) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	22091	1	Mycobacterium spp., unspecified	1
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Euskadi	Visual inspection	animal	13	6	Mycobacterium spp., unspecified	6
		Data from Navarra	Visual inspection	animal	42683	7	Mycobacterium spp., unspecified	7
	Cattle (bovine animals) - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from cantabria	Visual inspection	animal	39458	147	Mycobacterium spp., unspecified	147
	Cattle (bovine animals) - others - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	31268 8	82	Mycobacterium spp., unspecified	82
	Cattle (bovine animals) - others - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	Visual inspection	animal	40253	28	Mycobacterium spp., unspecified	28
	Cattle (bovine animals) - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	1090	0	Mycobacterium	0
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	98503	93	Mycobacterium spp., unspecified	93
		DATA FROM ARAGON	Visual inspection	animal	92	18	Mycobacterium spp., unspecified	18
		Data from Canarias	Visual inspection	animal	10790	5	Mycobacterium spp., unspecified	5
		Data from Castilla-La Mancha	Visual inspection	animal	18575 2	185	Mycobacterium spp., unspecified	185
		Data from Comunidad Valenciana	Visual inspection	animal	28202 3	39	Mycobacterium spp., unspecified	39
		Data from Extremadura	Visual inspection	animal	12623 2	421	Mycobacterium spp., unspecified	421
		Data from La Rioja	Visual inspection	animal	8074	51	Mycobacterium spp., unspecified	51
		Data from Madrid	Visual inspection	animal	14219 1	125	Mycobacterium spp., unspecified	125
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	animal	34	14	Mycobacterium tuberculosis complex (MTC)	14
	Cattle (bovine animals) - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	Data from Catalunya	PCR	animal	34	1	Mycobacterium avium subsp. avium	1
	Deer - farmed - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	1195	2	Mycobacterium spp., unspecified	2
	Deer - wild - fallow deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Visual inspection	animal	3168	3	Mycobacterium spp., unspecified	3
		Data from Madrid	Visual inspection	animal	35	0	Mycobacterium	0
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	456	1	Mycobacterium spp., unspecified	1
	Deer - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	69490	20	Mycobacterium spp., unspecified	20
		Data from Castilla-La Mancha	Visual inspection	animal	42178	49	Mycobacterium spp., unspecified	49
		Data from Extremadura	Visual inspection	animal	37426	7	Mycobacterium spp., unspecified	7
		Data from Madrid	Visual inspection	animal	968	0	Mycobacterium	0
		Data from Principado de Asturias	Visual inspection	animal	13	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
Not Available	Deer - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	29556	544	Mycobacterium spp., unspecified	544
		Data from Madrid	Visual inspection	animal	1196	9	Mycobacterium spp., unspecified	9
	Deer - wild - roe deer - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla-La Mancha	Visual inspection	animal	75	0	Mycobacterium	0
	Deer - wild - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	138	0	Mycobacterium	0
	Gallus gallus (fowl) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	58531 172	0	Mycobacterium	0
	Goats - animals over 1 year - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	21994	110	Mycobacterium spp., unspecified	110
	Goats - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Comunidad Valenciana	Visual inspection	animal	430	39	Mycobacterium spp., unspecified	39
	Goats - animals under 1 year - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	75304	0	Mycobacterium	0
	Goats - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from cantabria	Visual inspection	animal	409	0	Mycobacterium	0
Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census		DATA FROM ANDALUCIA	Visual inspection	animal	46068 3	1743	Mycobacterium spp., unspecified	1,743
		Data from Canarias	Visual inspection	animal	38360	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	10030 5	184	Mycobacterium spp., unspecified	184
		Data from Extremadura	Visual inspection	animal	9189	0	Mycobacterium	0
		Data from Madrid	Visual inspection	animal	12857	2	Mycobacterium spp., unspecified	2
		Data from Navarra	Visual inspection	animal	4894	0	Mycobacterium	0
Goats - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	animal	1	1	Mycobacterium tuberculosis complex (MTC)	1	
Mouflons - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census		DATA FROM ANDALUCIA	Visual inspection	animal	4464	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	2635	1	Mycobacterium spp., unspecified	1
Mouflons - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	313	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	6502	1	Mycobacterium spp., unspecified	1
		Data from Madrid	Visual inspection	animal	54	0	Mycobacterium	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 ANDALUCIA	Visual inspection	animal	2294	0	Mycobacterium	0	
Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	41876	0	Mycobacterium	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	33984 46	928	Mycobacterium spp., unspecified	928
		Data from Extremadura	Visual inspection	animal	57417 7	151	Mycobacterium spp., unspecified	151
		Data from Madrid	Visual inspection	animal	54131 3	0	Mycobacterium	0
Pigs - fattening pigs - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	69989 77	1639	Mycobacterium spp., unspecified	1,639	
Pigs - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census		Data from Canarias	Visual inspection	animal	66146	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	43891 53	89	Mycobacterium spp., unspecified	89
		Data from Comunidad Valenciana	Visual inspection	animal	13404 51	14	Mycobacterium spp., unspecified	14

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	Rabbits - farmed - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	77440 34	0	Mycobacterium	0
	Sheep - animals over 1 year - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	31513 7	0	Mycobacterium	0
	Sheep - animals over 1 year - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Comunidad Valenciana	Visual inspection	animal	2120	49	Mycobacterium spp., unspecified	49
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	31173 99	0	Mycobacterium	0
	Sheep - mixed herds - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from cantabria	Visual inspection	animal	595	0	Mycobacterium	0
	Sheep - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	54145 8	0	Mycobacterium	0
		Data from Canarias	Visual inspection	animal	10406	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	11947 54	9	Mycobacterium spp., unspecified	9
		Data from Extremadura	Visual inspection	animal	25917 5	0	Mycobacterium	0
		Data from La Rioja	Visual inspection	animal	30098 4	19	Mycobacterium spp., unspecified	19
		Data from Madrid	Visual inspection	animal	12187 2	1	Mycobacterium spp., unspecified	1
		Data from Navarra	Visual inspection	animal	38519 7	3	Mycobacterium spp., unspecified	3
	Sheep - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	animal	2	0	Mycobacterium	0
	Solipeds, domestic - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	3246	0	Mycobacterium	0
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	399	0	Mycobacterium	0
		Data from Castilla-La Mancha	Visual inspection	animal	51	0	Mycobacterium	0
	Wild boars - farmed - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	375	22	Mycobacterium spp., unspecified	22
	Wild boars - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	25294	0	Mycobacterium	0
	Wild boars - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Extremadura	Visual inspection	animal	16982	2343	Mycobacterium spp., unspecified	2,343
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Visual inspection	animal	59109	27	Mycobacterium spp., unspecified	27
		Data from Castilla-La Mancha	Visual inspection	animal	34426	97	Mycobacterium spp., unspecified	97
		Data from Madrid	Visual inspection	animal	353	0	Mycobacterium	0
		Data from Principado de Asturias	Visual inspection	animal	211	0	Mycobacterium	0
Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	Data from Catalunya	Real-Time PCR (qualitative or quantitative)	animal	16	5	Mycobacterium tuberculosis complex (MTC)	5	
Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Visual inspection	animal	1778	15	Mycobacterium spp., unspecified	15	
Wild boars - wild - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Visual inspection	animal	71	0	Mycobacterium	0	
SPAIN	Badgers - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	194	22	Mycobacterium tuberculosis complex (MTC)	22
	Deer - wild - fallow deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	117	57	Mycobacterium tuberculosis complex (MTC)	57
	Deer - wild - red deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	1355	535	Mycobacterium tuberculosis complex (MTC)	535

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 - roe deer - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	214	29	Mycobacterium tuberculosis complex (MTC)	29
	Foxes - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	7	0	Mycobacterium	0
	Goats - Farm - Spain - animal sample - organ/tissue - Control and eradication programmes - Official sampling - Suspect sampling	N_A	Microbiological tests	animal	3478	310	Mycobacterium tuberculosis complex (MTC)	310
	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	141	9	Mycobacterium tuberculosis complex (MTC)	9
	Sheep - Farm - Spain - animal sample - organ/tissue - Control and eradication programmes - Official sampling - Suspect sampling	N_A	Microbiological tests	animal	742	2	Mycobacterium tuberculosis complex (MTC)	2
	Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Monitoring - active - Official sampling - Convenient sampling	N_A	Microbiological tests	animal	5481	1234	Mycobacterium tuberculosis complex (MTC)	1,234

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	413	22	Salmonella spp., unspecified	22
	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	1518	Y	N_A	Not Available	1518	83	Salmonella 1,4,5,12:i:- Salmonella Hadar Salmonella Kedougou Salmonella Mikawasima Salmonella Newport Salmonella Other serovars Salmonella Rissen Salmonella Toulon Salmonella Worthington	1 1 13 6 6 43 1 6 6
	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	957	22	Salmonella Kedougou Salmonella Mikawasima Salmonella Other serovars Salmonella Typhimurium	7 2 7 6
	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	102	Y	N_A	Not Available	102	7	Salmonella Mikawasima Salmonella Other serovars Salmonella Rissen	2 4 1
	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	52	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	1569	65	Salmonella 1,4,5,12:i:- Salmonella Other serovars	1 64
	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	1400	26	Salmonella Hadar Salmonella Other serovars	1 25
	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	38405	840	Salmonella 1,4,5,12:i:- Salmonella Enteritidis Salmonella Other serovars Salmonella Typhimurium	18 16 776 30
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	38465	Y	N_A	Not Available	38465	876	Salmonella 1,4,5,12:i:- Salmonella Enteritidis Salmonella Infantis Salmonella Kedougou Salmonella Kentucky Salmonella Mikawasima Salmonella Ohio Salmonella Other serovars Salmonella Rissen Salmonella Senftenberg Salmonella Typhimurium Salmonella Virchow	19 21 183 61 3 18 18 444 19 31 30 29
	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	449	56	Salmonella 1,4,5,12:i:- Salmonella Enteritidis Salmonella Other serovars Salmonella Typhimurium	1 5 48 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	3112	147	Salmonella 1,4,5,12:i:- Salmonella Enteritidis Salmonella Other serovars Salmonella Typhimurium	4 12 117 14
	Gallus gallus (fowl) - laying hens - adult - Farm - Spain - animal sample - faeces - Control and eradication programmes - Official and industry sampling - Census	herd/flock	3201	Y	N_A	Not Available	3201	268	Salmonella 1,4,5,12:i:- Salmonella Corvallis	9 11

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	3201	Y	N_A	Not Available	3201	268	Salmonella Enteritidis	53	
									Salmonella Infantis	18	
									Salmonella Kentucky	10	
									Salmonella Mbandaka	1	
									Salmonella Mikawasima	10	
									Salmonella Newport	5	
									Salmonella Ohio	10	
									Salmonella Other serovars	119	
									Salmonella Thompson	4	
	Salmonella Typhimurium	18									
	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	854	133	Salmonella 1,4,5,12:i:-	4
										Salmonella Enteritidis	49
										Salmonella Other serovars	76
	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	1455	24	Salmonella Enteritidis	3
										Salmonella Other serovars	21
	Pigs - fattening pigs - Slaughterhouse - Spain - animal sample - caecum - Monitoring - EFSA specifications - Official sampling - Objective sampling	slaughter animal batch			N_A	N_A	Not Available	423	215	Salmonella 1,4,5,12:i:-	99
										Salmonella Bovismorbificans	4
										Salmonella Brandenburg	4
										Salmonella Derby	18
										Salmonella Kapemba	4
										Salmonella Other serovars	25
										Salmonella Rissen	41
										Salmonella Typhimurium	20
	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	82	3	Salmonella Muenchen	1
Salmonella Senftenberg										2	
Turkeys - breeding flocks, unspecified - adult - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock		86	Y	N_A	Not Available	86	3	Salmonella Muenchen	1	
									Salmonella Senftenberg	2	
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	50	0	Salmonella	0	
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	59	2	Salmonella 1,4,5,12:i:-	2	
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	4031	710	Salmonella Enteritidis	1	
									Salmonella Other serovars	672	
									Salmonella Senftenberg	36	
									Salmonella Typhimurium	1	
Turkeys - fattening flocks - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock		4041	Y	N_A	Not Available	4041	724	Salmonella 1,4,5,12:i:-	1	
									Salmonella Agona	3	
									Salmonella Derby	6	
									Salmonella Enteritidis	1	
									Salmonella Goldcoast	4	
									Salmonella Infantis	3	
									Salmonella Kentucky	8	
									Salmonella Other serovars	647	
									Salmonella Rissen	13	
									Salmonella Senftenberg	37	
									Salmonella Typhimurium	1	
									Turkeys - fattening flocks - before slaughter - Farm - Spain - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Census	herd/flock	
Salmonella Enteritidis	1										
Salmonella Other serovars	20										

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 - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Bakery products - bread - 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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	59	0	Salmonella	0
	Bakery products - cakes - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Bakery products - cakes - containing raw cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Bakery products - cakes - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	30	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Duplex PCR	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	Bakery products - cakes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Bakery products - cakes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	30	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	30	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	6	0	Salmonella	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Duplex PCR	45	0	Salmonella	0
	Bakery products - cakes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	100	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Bakery products - desserts - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Bakery products - desserts - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Bakery products - 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 6579-1:2017 Salmonella	5	0	Salmonella	0
	Bakery products - 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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	8	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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Bakery products - pastry - biscuits - Processing plant - 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	1	0	Salmonella	0
	Bakery products - pastry - biscuits - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Bakery products - pastry - choux pastry - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Bakery products - pastry - made with raw eggs - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
Data from Galicia					ISO 6579-1:2017 Salmonella	255	0	Salmonella	0	
	Bakery products - pastry - made with raw eggs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Bakery products - pastry - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	30	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Bakery products - pastry - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	95	0	Salmonella	0
	Bakery products - pastry - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	30	Gram	Data from Aragon	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	Bakery products - pastry - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Beverages, non-alcoholic - soft drinks - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Carrot - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cereals and meals - flour/meal or finely ground powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	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/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	65	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 Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	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	Alternative method validated against the reference method 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
Not Available	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amended 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	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/feeder)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	12	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 Galicia	ISO 6579-1:2017 Salmonella	20	0	Salmonella	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/feeder)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Cheeses made from cows' 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/feeder)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	15	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - 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 Illes Balears	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	20	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 Castilla y León	ISO 6579-1:2017 Salmonella	10	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	25	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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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 goats' milk - fresh - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	7	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 Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	40	0	Salmonella	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/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	9	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	Alternative method validated against the reference method ISO 6579-1:2017 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 Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
Data from Comunidad Valenciana					ISO 6579-1:2017 Salmonella	10	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	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/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/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	Cheeses made from goats' milk - hard - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - hard - 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 6579-1:2017 Salmonella	20	0	Salmonella	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/feeder)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	10	0	Salmonella	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/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - 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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	10	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 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	2	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	14	0	Salmonella	0
	Cheeses made from sheep's milk - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	5	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/feeder)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 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	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/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	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/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/food)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	85	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/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	145	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 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	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/food)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 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
Not Available	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	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 Aragon	ISO 6579:2002/Amend 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/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	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/feed)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Cheeses made from sheep's milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's 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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	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)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's 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 Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses made from sheep's milk - unspecified - 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 La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	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/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method 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
Not Available	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/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/feed)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	40	2	Salmonella Enteritidis	2
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	40	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 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	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/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	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/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	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/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	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 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	4	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	Alternative method validated against the reference method 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
Not Available	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/food)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	9	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	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/food)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	0	Salmonella	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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 - fresh - 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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - made from raw or low heat-treated milk - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from raw or low heat-treated milk - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	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/food)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	80	2	Salmonella spp., unspecified	2
	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	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	80	0	Salmonella	0
	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	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	70	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	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 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	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	25	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	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Confectionery products and pastes - chocolate-based product - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Confectionery products and pastes - soft candy - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	0	Salmonella	0
	Confectionery products and pastes - soft candy - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Corn salad - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - lobsters - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from BCP	ISO 6579-1:2017 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
Not Available	Crustaceans - prawns - cooked - chilled - Border Control Posts - 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 - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method 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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Border Control Posts - 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	20	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 Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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 y León	ISO 6579-1:2017 Salmonella	35	5	Salmonella spp., unspecified	5
	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - cooked - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	6	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Crustaceans - prawns - 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 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	35	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 - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Crustaceans - prawns - raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Crustaceans - prawns - raw - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - prawns - raw - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Crustaceans - prawns - shelled, shucked and cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Border Control Posts - 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 - shrimps - 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 Lab 1	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amendment 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amendment 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - shrimps - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid Lab 1	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
Not Available	Crustaceans - shrimps - cooked - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Border Control Posts - 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 - shrimps - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Crustaceans - shrimps - cooked - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - shrimps - cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Crustaceans - shrimps - cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	60	0	Salmonella	0
	Crustaceans - shrimps - shelled, shucked and cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	65	0	Salmonella	0
	Crustaceans - unspecified - cooked - chilled - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	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 Cantabria	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	15	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 Cantabria	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 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
Not Available	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 Lab 1	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	30	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 Lab 1	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Crustaceans - unspecified - cooked - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	5	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 Lab 1	ISO 6579-1:2017 Salmonella	10	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Crustaceans - unspecified - cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	5	1	Salmonella 1,4,[5],12:i:- - DT 96	1
	Crustaceans - unspecified - cooked - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	32	0	Salmonella	0
	Crustaceans - unspecified - shelled, shucked and cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya_ASPB	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Crustaceans - unspecified - shelled, shucked and cooked - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cucurbits fruiting vegetables - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Cured seasoned pork meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Cured seasoned pork meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	27	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/feeder)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - 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 6579-1:2017 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
Not Available	Dairy products (excluding cheeses) - dairy desserts - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	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 6579-1:2017 Salmonella	10	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	23	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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/feed)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	135	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/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - 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 Canarias	Alternative method validated against the reference method 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
Not Available	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	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/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
Data from Principado de Asturias					ISO 6579-1:2017 Salmonella	30	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/food)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	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/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	80	1	Salmonella spp., unspecified	1
	Dairy products (excluding cheeses) - ice-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/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	22	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	80	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/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	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/food)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	15	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/food)	25	Gram	Data from Navarra	Alternative method validated against the reference method 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
Not Available	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/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	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/feeder)	25	Gram	Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
					Data from Illes Balears	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Egg products - dried - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Egg products - dried - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Egg products - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	1	Salmonella Typhimurium 4	1
	Egg products - liquid - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Egg products - liquid - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Egg products - liquid - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	DATA FROM ANDALUCIA	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	
Not Available	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 Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0	
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0	
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	35	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	75	8	Salmonella Enteritidis 9	1	
					Salmonella spp., unspecified				7		
					Millilitre	Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
		Egg products - liquid - white - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Millilitre	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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	Millilitre	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	5	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 Comunidad Valenciana	Alternative method validated against the reference method 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 Lab 1	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0	
	Egg products - liquid - whole - pasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0	
	Egg products - liquid - whole - pasteurised - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0	
	Egg products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0	
	Egg products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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 ANDALUCIA	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
Not Available	Eggs - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Eggs - quail eggs - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Eggs - table eggs - mixed whole - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	98	0	Salmonella	0
	Eggs - table eggs - mixed whole - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Eggs - table eggs - mixed whole - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	1	Salmonella spp., unspecified	1
	Eggs - table eggs - mixed whole - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Eggs - table eggs - mixed whole - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Eggs - table eggs - mixed whole - Wholesale - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	6	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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Eggs - table eggs - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	200	6	Salmonella Infantis	4
	Eggs - table eggs - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	25	0	Salmonella Ohio	2
	Eggs - table eggs - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	25	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	Alternative method validated against the reference method 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
Not Available	Eggs - table eggs - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Eggs - table eggs - shell - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Eggs - table eggs - shell - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	1	Salmonella spp., unspecified	1
	Eggs - table eggs - shell - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Eggs - table eggs - whole - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Principado de Asturias	Duplex PCR	20	1	Salmonella Enteritidis	1
	Eggs - table eggs - whole - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - Fishery products from fish species associated with a high amount of histidine - not enzyme matured - raw - 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 Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Fish - gravad /slightly salted - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - marinated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - raw - chilled - 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 Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	Fish - raw - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Fish - raw - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Fish - raw - Hatchery - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - raw - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - smoked - cold-smoked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fish - smoked - hot-smoked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Fish - smoked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fishery products, unspecified - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - non-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 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fishery products, unspecified - non-ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) 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/feed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	75	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Fishery products, unspecified - smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Fishery products, unspecified - smoked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Fishery products, unspecified - smoked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Duplex PCR	10	0	Salmonella	0
	Follow-on formulae - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Follow-on formulae - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Follow-on formulae - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 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	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	90	1	Salmonella Typhimurium	1
	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/food)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - other food for infants and children - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Fruits - pre-cut - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Fruits - pre-cut - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	255	0	Salmonella	0
	Fruits - pre-cut - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Packing centre - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	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/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 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	Fruits - pre-cut - 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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	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/food)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	35	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	20	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	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/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	25	0	Salmonella	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/food)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Fruits and vegetables - products - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	Garlic, common - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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/feed)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
Data from Castilla-La Mancha					ISO 6579-1:2017 Salmonella	12	0	Salmonella	0	
Data from Catalunya					ISO 6579-1:2017 Salmonella	3	0	Salmonella	0	
Data from Galicia					ISO 6579-1:2017 Salmonella	8	0	Salmonella	0	
	Infant formula - dried - intended for infants below 6 months - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	23	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	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 Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
Data from Catalunya					ISO 6579-1:2017 Salmonella	4	0	Salmonella	0	
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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 - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Infant formula - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Infant formula - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Jelly palm - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Juice - fruit juice - Distribution: wholesale and retail sale - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Illes Balears	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Juice - fruit juice - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	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	Millilitre	Data from Cantabria	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
Data from Extremadura					ISO 6579-1:2017 Salmonella	35	0	Salmonella	0	
Data from Principado de Asturias					ISO 6579-1:2017 Salmonella	15	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	Millilitre	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	22	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	DATA FROM ANDALUCIA	ISO 6579-1:2017 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 - fruit juice - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Millilitre	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Juice - mixed juice - pasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Juice - vegetable juice - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Millilitre	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Juice - vegetable juice - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Millilitre	Data from Castilla-La Mancha	ISO 6579-1:2017 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/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	140	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Millilitre	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Millilitre	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Millilitre	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Lettuce - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Lettuce, leaf - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Lettuce, leaf - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	Live bivalve molluscs - mussels - depurated - Hatchery - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	50	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/feed d)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	440	0	Salmonella	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 Principado de Asturias	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Live bivalve molluscs - mussels - depurated - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	2	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 d)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Live bivalve molluscs - mussels - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Live bivalve molluscs - mussels - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Live bivalve molluscs - mussels - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Live bivalve molluscs - mussels - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Live bivalve molluscs - mussels - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	155	1	Salmonella Enteritidis 9	1
	Live bivalve molluscs - mussels - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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 d)	25	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Live bivalve molluscs - oysters - depurated - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	10	5	Salmonella spp., unspecified	5

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 - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	13	0	Salmonella	0
	Live bivalve molluscs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Live bivalve molluscs - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
	Live bivalve molluscs - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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/feed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Live bivalve molluscs - unspecified - deputed - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	40	0	Salmonella	0
	Live bivalve molluscs - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Live bivalve molluscs - unspecified - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Live bivalve molluscs - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	89	0	Salmonella	0
	Live echinoderms, tunicates and gastropods - Distribution: wholesale and retail sale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Live echinoderms, tunicates and gastropods - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Live echinoderms, tunicates and gastropods - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	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	Mayonnaise sauce - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Mayonnaise sauce - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - carcass - chilled - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/food)	400	Square centimetre	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	26	2	Salmonella spp., unspecified	2
	Meat from bovine animals - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/food)	400	Square centimetre	Data from Madrid Lab 3	ISO 6579-1:2017 Salmonella	850	0	Salmonella	0
	Meat from bovine animals - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/food)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017 Salmonella	50	2	Salmonella Anatum	1
								Salmonella Infantis	1	
Data from Cantabria					ISO 6579-1:2017 Salmonella	135	0	Salmonella	0	
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	150	1	Salmonella Typhimurium	1
	Meat from bovine animals - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Industry sampling - Objective sampling	single (food/food)	400	Square centimetre	Data from Madrid Lab 3	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/food)	400	Square centimetre	Data from Extremadura	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from bovine animals - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/food)	400	Square centimetre	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	66	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from bovine animals - carcass - Slaughterhouse - Spain - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/food)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	100	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	200	20	Salmonella Bredeney	2
									Salmonella enterica	18
	Meat from bovine animals - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Catalunya	ISO 6579-1:2017 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 bovine animals - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	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 - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Meat from bovine animals - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Meat from bovine animals - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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 Galicia	ISO 6579-1:2017 Salmonella	75	0	Salmonella	0
Data from Madrid Lab 1					ISO 6579-1:2017 Salmonella	10	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	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 6579-1:2017 Salmonella	19	1	Salmonella Braenderup	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	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 Lab 1	ISO 6579-1:2017 Salmonella	20	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
Data from La Rioja					Alternative method validated against the reference method ISO 6579-1:2017 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	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Aragon	ISO 6579:2002/Annex D 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	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/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	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/feeder)	10	Gram	Data from Aragon	ISO 6579:2002/Annex 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 - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	30	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)	10	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	13	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)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	85	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten raw - Border Control Posts - 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
	Meat from bovine animals - meat preparation - 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 La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	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/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - 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 Galicia	ISO 6579-1:2017 Salmonella	50	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 - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - 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 Lab 1	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - meat products - fresh raw sausages - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from bovine animals - 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)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - 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)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	10	0	Salmonella	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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/feed)	10	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	30	0	Salmonella	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)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	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)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	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/feed)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	15	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/feed)	10	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - minced meat - 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 Comunidad Valenciana	Alternative method validated against the reference method 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
Not Available	Meat from bovine animals - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/feed)	10	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	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/feed)	10	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from bovine animals - minced meat - 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 Galicia	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from bovine animals - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	10	Gram	Data from Aragon	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 - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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)	10	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	10	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)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 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 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 Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	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 Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	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/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	35	1	Salmonella spp., unspecified	1
	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)	10	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	10	5	Salmonella Rissen	5
	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)	10	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	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 Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	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 Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	12	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/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten raw - Processing plant - 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
	Meat from bovine animals and pig - meat preparation - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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 and pig - minced meat - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals and 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 Principado de Asturias	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from bovine animals and 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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from bovine animals and pig - minced meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcasse - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid Lab 3	ISO 6579-1:2017 Salmonella	635	4	Salmonella spp., unspecified	4
	Meat from broilers (Gallus gallus) - carcasse - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	400	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcasse - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - HACCP and own check - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579:2002 Salmonella	50	3	Salmonella Corvallis	3
	Meat from broilers (Gallus gallus) - carcasse - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	155	7	Salmonella spp., unspecified	7
					Data from La Rioja	ISO 6579-1:2017 Salmonella	60	3	Salmonella spp., unspecified	3
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	75	1	Salmonella Kedougou	1
	Meat from broilers (Gallus gallus) - carcasse - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	14	3	Salmonella spp., unspecified	3
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	60	30	Salmonella Agona	10
									Salmonella Bovismorbificans	7
									Salmonella Heidelberg	1
									Salmonella Hindmarsh	1
									Salmonella Infantis	1
	Salmonella Virchow	10								

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 - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	307	15	Salmonella spp., unspecified	13
									Salmonella Typhimurium	2
	Meat from broilers (Gallus gallus) - carcass - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	200	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	Salmonella enterica	16		
							Salmonella Infantis	2		
	Salmonella spp., unspecified	1								
	Meat from broilers (Gallus gallus) - fresh - chilled - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	80	4	Salmonella spp., unspecified	4
					Data from Navarra				Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30
Meat from broilers (Gallus gallus) - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0	
Meat from broilers (Gallus gallus) - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	5	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/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	120	14	Salmonella Enteritidis 9	2	
								Salmonella Infantis	1	
								Salmonella spp., unspecified	11	
Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	8	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) - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	665	71	Salmonella Heidelberg Salmonella spp., unspecified Salmonella Typhimurium	14 55 2
	Meat from broilers (Gallus gallus) - fresh - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	120	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Principado de Asturias	Duplex PCR	50	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	80	1	Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - meat preparation - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - 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)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	10	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 Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	75	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 - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from La Rioja	ISO 6579-1:2017 Salmonella	5	2	Salmonella spp., unspecified	2
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	15	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/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	55	6	Salmonella Infantis	2
									Salmonella spp., unspecified	4
					Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	2	Salmonella spp., unspecified	2
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	16	6	Salmonella spp., unspecified	6
	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/feeder)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	30	3	Salmonella spp., unspecified	3
					Data from Galicia	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from La Rioja	ISO 6579-1:2017 Salmonella	5	1	Salmonella spp., unspecified	1
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	80	6	Salmonella Infantis	6
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	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/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	160	42	Salmonella Infantis	7
									Salmonella spp., unspecified	35
					Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 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
Not Available	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/feerd)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	2	Salmonella spp., unspecified	2
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feerd)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	7	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feerd)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	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/feerd)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feerd)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	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/feerd)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	10	2	Salmonella Infantis	1
									Salmonella Not typeable	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feerd)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	1	Salmonella Infantis	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/feerd)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	185	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/feerd)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	25	0	Salmonella	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/feerd)	25	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017 Salmonella	7	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/feerd)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	145	8	Salmonella spp., unspecified	8
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feerd)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 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 broilers (Gallus gallus) - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	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/fees)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	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/fees)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	3	Salmonella spp., unspecified	3
	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/fees)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	1	Salmonella spp., unspecified	1
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	10	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	5	Salmonella spp., unspecified	5
	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/fees)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - 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/fees)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	2	Salmonella spp., unspecified	2
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 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 broilers (Gallus gallus) - minced meat - intended to be eaten cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	1	Salmonella Enteritidis 9	1
	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 Castilla y León	ISO 6579-1:2017 Salmonella	65	5	Salmonella spp., unspecified	5
					Data from Extremadura	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - 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 ANDALUCIA	ISO 6579-1:2017 Salmonella	20	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 Castilla y León	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Extremadura	ISO 6579-1:2017 Salmonella	175	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - 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 ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from deer (venison) - meat preparation - intended to be eaten raw - chilled - Processing plant - 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	1	0	Salmonella	0
	Meat from duck - carcase - Slaughterhouse - Not Available - food sample - neck skin - 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
	Meat from duck - fresh - frozen - Border Control Posts - 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
	Meat from duck - meat preparation - intended to be eaten raw - chilled - Processing plant - 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	1	0	Salmonella	0
	Meat from duck - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 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	Meat from duck - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from duck - 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 y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from goat - carcass - chilled - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Meat from goat - carcass - Slaughterhouse - Spain - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Meat from horse - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
Data from Cantabria					ISO 6579-1:2017 Salmonella	15	0	Salmonella	0	
	Meat from horse - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from horse - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from horse - 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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from horse - 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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - chilled - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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 other animal species or not specified - 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 Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from other animal species or not specified - 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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from other animal species or not specified - 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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	7	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/feed)	10	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from other animal species or not specified - 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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from other animal species or not specified - meat products - pâté - 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 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	5	Salmonella spp., unspecified	5
	Meat from other animal species or not specified - 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 Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/feed)	25	Gram	Data from Castilla-La Mancha	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			
Not Available	Meat from other animal species or not specified - 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/fe d)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0			
					Data from Extremadura	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0			
	Meat from other animal species or not specified - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0			
	Meat from other animal species or not specified - minced meat - 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 6579-1:2017 Salmonella	50	1	Salmonella spp., unspecified	1			
	Meat from other poultry species - carcass - Slaughterhouse - Not Available - food sample - neck skin - 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			
	Meat from other poultry species - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0			
	Meat from other poultry species - 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 Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0			
	Meat from other poultry species - 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 Madrid Lab 1	ISO 6579-1:2017 Salmonella	15	5	Salmonella Infantis	5			
	Meat from pig - carcass - chilled - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/fe d)	400	Square centimetre	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	34	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/fe d)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017 Salmonella	2500	109	Salmonella spp., unspecified	109			
	Meat from pig - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/fe d)	400	Square centimetre	Data from Madrid Lab 3	ISO 6579-1:2017 Salmonella	305	0	Salmonella	0			
	Meat from pig - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/fe d)	400	Square centimetre	Data from Aragon	ISO 6579-1:2017 Salmonella	250	41	Salmonella Bovismorbificans	1			
Salmonella Derby									5				
Salmonella London									1				
Salmonella Rissen									12				
Salmonella spp., unspecified									2				
Salmonella Typhimurium									4				
Salmonella Typhimurium, monophasic									16				
Data from Principado de Asturias									ISO 6579-1:2017 Salmonella	50	7	Salmonella London	2
Salmonella Typhimurium									5				
Data from Catalunya									ISO 6579-1:2017 Salmonella	384	86	Salmonella Brandenburg	3
Salmonella Bredeney	1												
Salmonella Derby	6												
Salmonella Kedougou	1												
Salmonella Rissen	7												

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 - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Catalunya	ISO 6579-1:2017 Salmonella	384	86	Salmonella Typhimurium	10
									Salmonella Typhimurium, monophasic	68
					Data from Extremadura	ISO 6579-1:2017 Salmonella	145	18	Salmonella spp., unspecified	18
					Data from La Rioja	ISO 6579-1:2017 Salmonella	30	1	Salmonella spp., unspecified	1
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	50	6	Salmonella 4,12:i:-	1
									Salmonella 4,5,12:i:-	2
									Salmonella Derby	1
									Salmonella spp., unspecified	1
									Salmonella Typhimurium	1
	Meat from pig - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from pig - carcass - Slaughterhouse - Spain - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feeder)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	155	12	Salmonella spp., unspecified	12
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	250	22	Salmonella enterica	9
									Salmonella Typhimurium	2
								Salmonella Typhimurium, monophasic	11	
	Meat from pig - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	10	1	Salmonella spp., unspecified	1
	Meat from pig - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	4	0	Salmonella	0
	Meat from pig - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from pig - fresh - frozen - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from Catalunya	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	
Not Available	Meat from pig - fresh - frozen - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0	
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	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 Castilla-La Mancha	ISO 6579-1:2017 Salmonella	95	3	Salmonella Derby	1	
										Salmonella Gloucester	2
Data from Galicia					ISO 6579-1:2017 Salmonella	125	0	Salmonella	0		
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	15	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	40	2	Salmonella spp., unspecified	2	
										Salmonella	0
								Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	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 Lab 1	ISO 6579-1:2017 Salmonella	80	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	50	0	Salmonella	0	
								Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	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	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from pig - 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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/feeder)	10	Gram	Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	10	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	10	10	Salmonella spp., unspecified	10
	Meat from 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)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	290	4	Salmonella spp., unspecified	4
	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)	10	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	5	1	Salmonella 1,4,[5],12:i:- DT 96	1
					Data from Extremadura	ISO 6579-1:2017 Salmonella	45	8	Salmonella spp., unspecified	8
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	140	9	Salmonella spp., unspecified	9
	Meat from pig - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	5	Salmonella 4,[5],12:i:-	5
	Meat from pig - meat preparation - intended to be eaten cooked - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	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/feeder)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - cooked ham - non-sliced - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	35	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 - cooked ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	9	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 Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	0	Salmonella	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/feed)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	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/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	30	5	Salmonella spp., unspecified	5
	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	32	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 6579-1:2017 Salmonella	10	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method 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
Not Available	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 Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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 Castilla-La Mancha	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
Data from Extremadura					ISO 6579-1:2017 Salmonella	155	7	Salmonella spp., unspecified	7	
Data from Madrid Lab 1					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 - 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
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Catalunya	ISO 6579-1:2017 Salmonella	6	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 Lab 1	ISO 6579-1:2017 Salmonella	75	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - 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	2	0	Salmonella	0
	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 Aragon	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 pig - meat products - fresh raw sausages - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amended 1:2007 (Annex D of ISO 6579) Salmonella	3	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/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	19	0	Salmonella	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	151	1	Salmonella Typhimurium, monophasic	1
	Meat from pig - meat products - meat specialities - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	10	1	Salmonella enterica, subspecies enterica	1
	Meat from pig - meat products - meat specialities - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - meat products - meat specialities - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Meat from pig - meat products - meat specialities - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from pig - meat products - pâté - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - pâté - 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 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - pâté - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 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 - pâté - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amendment 1:2007 (Annex D of ISO 6579) Salmonella	8	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amendment 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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 y León	ISO 6579-1:2017 Salmonella	95	0	Salmonella	0
Data from Castilla-La Mancha					ISO 6579-1:2017 Salmonella	110	0	Salmonella	0	
Data from Comunidad Valenciana					ISO 6579-1:2017 Salmonella	15	0	Salmonella	0	
Data from Galicia					ISO 6579-1:2017 Salmonella	20	0	Salmonella	0	
Data from Principado de Asturias					ISO 6579-1:2017 Salmonella	10	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	115	0	Salmonella	0
Data from Navarra					Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	40	0	Salmonella	0	
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amendment 1:2007 (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	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feeed)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) 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/feeed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	65	1	Salmonella spp., unspecified	1
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	40	2	Salmonella Enteritidis Salmonella Typhimurium	1 1
	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/feeed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feeed)	25	Gram	Data from Aragon	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 - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	0	Salmonella	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/feeed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 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 - Official sampling - Suspect sampling	single (food/feeed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - raw ham - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	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/feeed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	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/feeed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method 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
Not Available	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)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - meat products - raw ham - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	10	0	Salmonella	0
	Meat from pig - meat products - raw ham - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	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 La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
			325	Gram	Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	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)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	260	17	Salmonella spp., unspecified	17
	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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	Meat from pig - meat products - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	90	0	Salmonella	0
	Meat from pig - meat products - ready-to-eat - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	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)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	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/feed)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	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/feed)	25	Gram	Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - mechanically separated meat (MSM) - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	3	1	Salmonella spp., unspecified	1
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
Data from Galicia					ISO 6579-1:2017 Salmonella	20	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)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - minced meat - 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 Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from pig - minced meat - 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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 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 - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/feeder)	10	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	25	1	Salmonella spp., unspecified	1
	Meat from pig - minced meat - intended to be eaten cooked - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	20	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/feeder)	10	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from pig - minced meat - intended to be eaten cooked - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from poultry, unspecified - fresh - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	15	2	Salmonella Infantis	2
	Meat from poultry, unspecified - fresh - Cutting plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	25	1	Salmonella Cerro	1
	Meat from poultry, unspecified - fresh - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	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/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	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/feeder)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	20	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/feeder)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	45	0	Salmonella	0
	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Meat from poultry, unspecified - 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 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from rabbit - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/feeder)	400	Square centimetre	Data from Aragon	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 rabbit - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from rabbit - meat products - pâté - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya_ASPB	Real-Time PCR (qualitative or quantitative)	22	0	Salmonella	0
	Meat from sheep - carcass - chilled - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	59	3	Salmonella spp., unspecified	3
	Meat from sheep - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Industry sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Madrid Lab 3	ISO 6579-1:2017 Salmonella	245	0	Salmonella	0
	Meat from sheep - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	121	0	Salmonella	0
	Meat from sheep - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Extremadura	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Meat from sheep - carcass - Slaughterhouse - Not Available - food sample - carcass swabs - Surveillance - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from sheep - carcass - Slaughterhouse - Spain - food sample - carcass swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	400	Square centimetre	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	50	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 Lab 1	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from sheep - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	22	0	Salmonella	0
	Meat from sheep - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	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 6579-1:2017 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	Meat from sheep - fresh - chilled - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from turkey - carcass - chilled - Slaughterhouse - Spain - food sample - neck skin - Surveillance - based on Regulation 2073 - Official, based on Regulation 2019/627 - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	50	34	Salmonella spp., unspecified	34
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Meat from turkey - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from turkey - fresh - chilled - 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	4	0	Salmonella	0
	Meat from turkey - fresh - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	1	Salmonella spp., unspecified	1
	Meat from turkey - fresh - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	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 sampling - Objective sampling	single (food/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Meat from turkey - 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 Galicia	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
					Data from La Rioja	ISO 6579-1:2017 Salmonella	5	3	Salmonella spp., unspecified	3
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - 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 La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	3	Salmonella spp., unspecified	3
	Meat from turkey - 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 Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Meat from turkey - 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 Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	1	Salmonella Kentucky	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 turkey - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from turkey - meat products - cooked, 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 y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat from turkey - meat products - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from turkey - 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 Madrid Lab 1	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat from turkey - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Meat from turkey - 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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - meat products - raw but intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from turkey - mechanically separated meat (MSM) - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	10	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	5	Salmonella spp., unspecified	5

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 turkey - minced meat - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	35	8	Salmonella spp., unspecified	8
	Meat from wild boar - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	10	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	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/fees d)	10	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	5	0	Salmonella	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/fees d)	10	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	1	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/fees d)	10	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	5	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/fees d)	10	Gram	Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	8	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/fees d)	10	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - chilled - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	10	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	10	Gram	Data from Canarias	Alternative method validated against the reference method 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
Not Available	Meat, mixed meat - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	10	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat, mixed meat - meat preparation - intended to be eaten cooked - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat, mixed meat - meat products - cooked, ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat, mixed meat - 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 Cantabria	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Meat, mixed meat - 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)	10	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat, mixed meat - minced meat - 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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	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/feeder)	10	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	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/feeder)	10	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	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 - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Melons (except watermelon) - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	Milk, cows' - pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Milk, cows' - raw milk - intended for direct human consumption - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Milk, cows' - raw milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Millilitre	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Milk, goats' - raw milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Millilitre	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Border Control Posts - 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
	Molluscan shellfish - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
					Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 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	Molluscan shellfish - cooked - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Molluscan shellfish - cooked - chilled - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	55	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	80	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fees d)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
Data from Comunidad Valenciana					ISO 6579-1:2017 Salmonella	10	0	Salmonella	0	
Data from Galicia					ISO 6579-1:2017 Salmonella	65	0	Salmonella	0	
	Molluscan shellfish - cooked - frozen - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Molluscan shellfish - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
Data from Principado de Asturias					ISO 6579-1:2017 Salmonella	30	0	Salmonella	0	
	Molluscan shellfish - cooked - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Molluscan shellfish - cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Molluscan shellfish - cooked - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Molluscan shellfish - raw - frozen - Border Control Posts - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Molluscan shellfish - raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	Data from Catalunya_ASPB	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Molluscan shellfish - raw - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fees d)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	35	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 - raw - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	115	0	Salmonella	0
					Data from Illes Balears	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Other processed food products and prepared dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	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/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	20	0	Salmonella	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/feed)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/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 - egg based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	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/feed)	25	Gram	Data from Castilla-La Mancha	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 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	38	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 - 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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	18	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	12	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 - Selective 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 - egg based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	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/feeder)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
Data from Madrid Lab 1					ISO 6579-1:2017 Salmonella	5	0	Salmonella	0	
	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/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/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 - egg based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
Data from Madrid Lab 1					ISO 6579-1:2017 Salmonella	2	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/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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 - egg based dishes - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	21	0	Salmonella	0
	Other processed food products and prepared dishes - egg based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/food)	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 - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Principado de Asturias	Duplex PCR	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 - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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 - fish and seafood 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 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	15	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/fe d)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	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 - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	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 - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fe d)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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 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 - 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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	24	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	71	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	80	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 - 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	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/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	6	1	Salmonella spp., unspecified	1
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	16	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Selective 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 - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	9	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/feed)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	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/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Processing plant - 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

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 - ices and similar frozen desserts - water-based ice creams - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - ices and similar frozen desserts - water-based ice creams - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	9	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	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/feed)	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 - legumes based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
Data from Galicia					ISO 6579-1:2017 Salmonella	10	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/feed)	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 - legumes based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	35	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/feed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	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/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	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/feed)	25	Gram	Data from Aragon	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	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	177	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	53	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	38	0	Salmonella	0
	Other processed food products and prepared dishes - legumes based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	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/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	7	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Manufacturing - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	40	0	Salmonella	0
					Data from Galicia	ISO 6579-1:2017 Salmonella	30	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/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 - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	75	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/feed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	115	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 6579-1:2017 Salmonella	15	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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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 - 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 Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	11	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 Principado de Asturias	Duplex PCR	105	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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	24	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	208	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	138	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 - Selective 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 - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 6579-1:2017 Salmonella	5	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	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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 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	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	14	0	Salmonella	0
					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 - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	39	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Take-away or fast-food outlet - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	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/food)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	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 - pasta - Conservation facilities - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/food)	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 - pasta - filled pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	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/food)	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 - pasta - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	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 - pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	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 - pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	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 - pasta - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	18	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - simple pasta - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - simple pasta - Hospital or medical care facility - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	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/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - simple pasta - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Principado de Asturias	Duplex PCR	90	0	Salmonella	0
	Other processed food products and prepared dishes - pasta based dishes - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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 - pasta based dishes - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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/feed)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	30	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/feed)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
Data from Comunidad Valenciana					Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	96	0	Salmonella	0	
Data from Euskadi					Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	36	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method 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
Not Available	Other processed food products and prepared dishes - pasta based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - pasta/rice salad - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/food)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	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/food)	25	Gram	Data from Galicia	ISO 6579-1:2017 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/food)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	3	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
Data from Comunidad Valenciana					Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	11	0	Salmonella	0	
Data from Euskadi					Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0	
	Other processed food products and prepared dishes - pasta/rice salad - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (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	Other processed food products and prepared dishes - pasta/rice salad - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	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/food)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	4	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/food)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	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/food)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - pizza and pizza-like dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - porridge - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/food)	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 - 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/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	68	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	17	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/feed)	25	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	60	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	1	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/feed)	25	Gram	Data from Galicia	ISO 6579-1:2017 Salmonella	10	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/feed)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	10	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/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method 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
Not Available	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/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
Data from Comunidad Valenciana					Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	57	0	Salmonella	0	
Data from Euskadi					Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	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/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - School or kindergarten - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	23	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	Other processed food products and prepared dishes - sandwiches - non-meat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	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 - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - Sandwiches - with fish - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	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/food)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - Sandwiches - with fish - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 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	Other processed food products and prepared dishes - sandwiches - with meat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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 - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	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 - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	22	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
Data from Euskadi					Alternative method validated against the reference method 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
Not Available	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - chilled - 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 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - 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/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - chilled - 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 Madrid Lab 1	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - containing raw egg - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - 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 Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	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 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Canteen or workplace catering - 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 6579-1:2017 Salmonella	5	0	Salmonella	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 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	7	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 - chilled - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	220	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - chilled - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	15	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 - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Extremadura	ISO 6579-1:2017 Salmonella	156	0	Salmonella	0
	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/feeder)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	30	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 - Objective sampling	single (food/feeder)	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 - unspecified - ready-to-eat foods - Processing plant - 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	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 - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	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/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 - 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/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	16	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/feeder)	25	Gram	Data from Cantabria	ISO 6579-1:2017 Salmonella	30	3	Salmonella Enteritidis	3
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 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	Other processed food products and prepared dishes - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Canteen or workplace catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	4	0	Salmonella	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/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	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/food)	25	Gram	Data from Aragon	ISO 6579:2002/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 - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	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/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
Data from Galicia					ISO 6579-1:2017 Salmonella	25	0	Salmonella	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/food)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 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	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	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 - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	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/feeed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	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/feeed)	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 - Surveillance - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	104	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	91	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 - Selective sampling	single (food/feeed)	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 - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeed)	25	Gram	Data from Castilla y León	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
Not Available	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	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/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	3	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/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	5	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	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/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method 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
Not Available	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/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
Not Available	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/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Papaya - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Peppers - 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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Pumpkins - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Ready-to-eat salads - Catering - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Ready-to-eat salads - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	Ready-to-eat salads - containing mayonnaise - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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/food)	25	Gram	Data from Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	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/food)	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 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	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 - Selective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	1	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	19	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Ready-to-eat salads - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Ready-to-eat salads - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Ready-to-eat salads - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method 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
Not Available	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	368	0	Salmonella	0
					Data from Euskadi	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	103	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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Ready-to-eat salads - 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	6	0	Salmonella	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	17	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	20	0	Salmonella	0
	Ready-to-eat salads - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Madrid Lab 1	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
Not Available	Ready-to-eat salads - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	14	0	Salmonella	0
	Ready-to-eat salads - Take-away or fast-food outlet - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Sauce and dressings - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 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 - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
Data from Comunidad Valenciana					Alternative method validated against the reference method ISO 6579-1:2017 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 - Selective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Sauce and dressings - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Sauce and dressings - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	Seeds, dried - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Seeds, dried - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	30	5	Salmonella spp., unspecified	5
	Seeds, sprouted - 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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	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 Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	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 Navarra	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	1	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 Cantabria	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
Data from Principado de Asturias					ISO 6579-1:2017 Salmonella	5	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	70	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
Data from Catalunya					ISO 6579-1:2017 Salmonella	1	0	Salmonella	0	
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
Data from Comunidad Valenciana					Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	14	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 - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
					Data from Illes Balears	ISO 6579-1:2017 Salmonella	20	0	Salmonella	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 Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	20	0	Salmonella	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Seeds, sprouted - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Seeds, sprouted - shoot - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	3	0	Salmonella	0
	Solanacea fruiting vegetables - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Soups - ready-to-eat - Catering - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Soups - ready-to-eat - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	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/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	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/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	32	0	Salmonella	0
	Soups - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Soups - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Soups - ready-to-eat - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Spice seeds - Packing centre - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Spice seeds - 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 6579-1:2017 Salmonella	5	0	Salmonella	0
	Spice seeds - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Spice seeds - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Spices and herbs - dried - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	270	0	Salmonella	0
	Spices and herbs - dried - Border Control Posts - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	Data from BCP	ISO 6579-1:2017 Salmonella	645	28	Salmonella spp., unspecified	28
	Spices and herbs - dried - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	45	2	Salmonella Havana	1
	Spices and herbs - dried - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 Salmonella	62	2	Salmonella Weltevreden	1
	Spices and herbs - dried - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	62	2	Salmonella Havana	1
	Spices and herbs - dried - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	62	2	Salmonella Weltevreden	1
	Spices and herbs - dried - Processing plant - 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
	Spices and herbs - dried - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 6579-1:2017 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	Spices and herbs - dried - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Spices and herbs - dried - 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 6579-1:2017 Salmonella	5	0	Salmonella	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Aragon	ISO 6579:2002/Amendment 1:2007 (Annex D of ISO 6579) Salmonella	5	0	Salmonella	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	50	0	Salmonella	0
	Spices and herbs - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Ayto Madrid Lab 2	ISO 6579-1:2017 Salmonella	9	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Spinach - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Sweet corn - 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 Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Sweet corn - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Vegetables - bean - 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 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - bean - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 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	Vegetables - leaves - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Vegetables - non-pre-cut - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Vegetables - pre-cut - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Vegetables - pre-cut - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Aragon	ISO 6579:2002/Am d 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Vegetables - pre-cut - 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 Castilla y León	ISO 6579-1:2017 Salmonella	5	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/feed)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	10	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/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	30	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 6579-1:2017 Salmonella	14	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	20	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 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
					Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Principado de Asturias	ISO 6579-1:2017 Salmonella	20	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/food)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	95	0	Salmonella	0
					Data from La Rioja	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	15	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	2	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	140	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
					Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Wholesale - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	DATA FROM ANDALUCIA	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Aragon	ISO 6579:2002/Amend 1:2007 (Annex D of ISO 6579) Salmonella	1	0	Salmonella	0
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Vegetables - products - canned - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Castilla-La Mancha	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Vegetables - products - cream - School or kindergarten - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Madrid Lab 1	ISO 6579-1:2017 Salmonella	12	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 - fruit purée - Hospital or medical care facility - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 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 - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
					Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	12	0	Salmonella	0
	Vegetables - products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Castilla y León	ISO 6579-1:2017 Salmonella	35	0	Salmonella	0
	Water - potable water - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	100	Millilitre	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Watermelon - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 6579-1:2017 Salmonella	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	50	1	Salmonella Typhimurium	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	73	1	Salmonella spp., unspecified	1
	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	19	1	Salmonella spp., unspecified	1
	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	31	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	30	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	5	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	10	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	6	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	8	0	Salmonella	0
	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	23	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	9	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	22	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	5	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	7	0	Salmonella	0
	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	110	1	Salmonella spp., unspecified	1
	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	16	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	70	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	5	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	22	2	Salmonella spp., unspecified	2
	Feed material of oil seed or fruit origin - sunflower 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

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	Pet food - Feed mill - Spain - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	N/A	Not Available	116	5	Salmonella spp., unspecified	5

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 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
					Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	10	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 Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - made from pasteurised milk - Wholesale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	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/feeder)	25	Gram	Data from Galicia	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	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/feeder)	25	Gram	Data from Galicia	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Ayto Madrid Lab 2	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
Not Available	Cheeses made from cows' milk - hard - made from raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	5	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 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	5	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 Navarra	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	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 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	3	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feeder)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	25	0	Staphylococcal enterotoxins	0
					Data from Euskadi	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	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 Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from pasteurised milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feeder)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	5	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 goats' milk - fresh - made from raw or low heat-treated milk - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - fresh - made from raw or low heat-treated milk - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	5	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 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	10	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 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	15	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	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 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	3	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - unspecified - 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	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	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)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
Data from Euskadi					ISO 19020:2017 Staphylococcal enterotoxins	35	0	Staphylococcal enterotoxins	0	
	Cheeses made from sheep's milk - fresh - made from raw or low heat-treated milk - Manufacturing - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Illes Balears	ISO 19020:2017 Staphylococcal enterotoxins	5	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 - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	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/fee d)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	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 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	10	0	Staphylococcal enterotoxins	0
Data from Euskadi					ISO 19020:2017 Staphylococcal enterotoxins	145	0	Staphylococcal enterotoxins	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 Comunidad Valenciana	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 - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Ayto Madrid Lab 2	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	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 Navarra	ISO 19020:2017 Staphylococcal enterotoxins	35	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's 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 Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - 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 Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	2	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - soft and semi-soft - made from raw or low heat-treated milk - Wholesale - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	5	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 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	15	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 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Comunidad Valenciana	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	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 Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	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 mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from raw or low heat-treated milk - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Ayto Madrid Lab 2	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	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 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Comunidad Valenciana	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	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/food)	25	Gram	Data from Comunidad Valenciana	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 - Retail - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Cmadrid Lab 1	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	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/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - fresh - Manufacturing - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Canarias	Alternative method validated against the reference method ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	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 - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Extremadura	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 raw or low heat-treated milk - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0
	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/food)	25	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	Data from Catalunya	ISO 19020:2017 Staphylococcal enterotoxins	5	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	Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	5	0	Staphylococcal enterotoxins	0
	Infant formula - non-ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	Data from Navarra	ISO 19020:2017 Staphylococcal enterotoxins	5	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 - Clinical investigations - Official sampling - Suspect sampling	N.A	PCR	animal	22	1	Toxoplasma gondii	1
	Sheep - Farm - Spain - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	N.A	PCR	animal	1178	212	Toxoplasma gondii	212

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 - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	Magnetic stirrer method for pooled sample digestion	animal	1303	0	Trichinella	0
	Pigs - breeding animals - not raised under controlled housing conditions - piglets - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Catalunya	Magnetic stirrer method for pooled sample digestion	animal	35220	0	Trichinella	0
	Pigs - breeding animals - not raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Aragon	Magnetic stirrer method for pooled sample digestion	animal	41079 5	0	Trichinella	0
		Data from Catalunya	Magnetic stirrer method for pooled sample digestion	animal	37018 5	0	Trichinella	0
	Pigs - breeding animals - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Comunidad Valenciana	Magnetic stirrer method for pooled sample digestion	animal	403	0	Trichinella	0
		Data from Castilla - La Mancha	Magnetic stirrer method for pooled sample digestion	animal	762	3	Trichinella spiralis	3
	Pigs - fattening pigs - not raised under controlled housing conditions - Farm - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Castilla y León	Magnetic stirrer method for pooled sample digestion	animal	7380	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 Cantabria	Magnetic stirrer method for pooled sample digestion	animal	211	0	Trichinella	0
		Data from Extremadura	Magnetic stirrer method for pooled sample digestion	animal	6502	0	Trichinella	0
		Data from La Rioja	Magnetic stirrer method for pooled sample digestion	animal	54	0	Trichinella	0
		Data from Madrid	Magnetic stirrer method for pooled sample digestion	animal	54	0	Trichinella	0
		Data from Navarra	Magnetic stirrer method for pooled sample digestion	animal	72	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 ANDALUCIA	Magnetic stirrer method for pooled sample digestion	animal	2294	0	Trichinella	0
		Data from Castilla - La Mancha	Magnetic stirrer method for pooled sample digestion	animal	540	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Veterinary activities - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Illes Balears	Magnetic stirrer method for pooled sample digestion	animal	245	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 - 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	23300	0	Trichinella	0
		Data from La Rioja	Magnetic stirrer method for pooled sample digestion	animal	13766	0	Trichinella	0
Not Available	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Aragon	Magnetic stirrer method for pooled sample digestion	animal	10735 978	0	Trichinella	0
		Data from Catalunya	Magnetic stirrer method for pooled sample digestion	animal	23522 283	0	Trichinella	0
Not Available	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Magnetic stirrer method for pooled sample digestion	animal	69989 77	1	Trichinella spiralis	1
Not Available	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Portugal - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Madrid	Magnetic stirrer method for pooled sample digestion	animal	41876	0	Trichinella	0
Spain	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Comunidad Valenciana	Magnetic stirrer method for pooled sample digestion	animal	13400 48	0	Trichinella	0
		DATA FROM ANDALUCIA	Magnetic stirrer method for pooled sample digestion	animal	33984 46	6	Trichinella, unspecified sp.	6
		Data from Canarias	Magnetic stirrer method for pooled sample digestion	animal	66146	0	Trichinella	0
		Data from Castilla - La Mancha	Magnetic stirrer method for pooled sample digestion	animal	43650 91	0	Trichinella	0
		Data from Euskadi	Magnetic stirrer method for pooled sample digestion	animal	12976	0	Trichinella	0
		Data from Extremadura	Magnetic stirrer method for pooled sample digestion	animal	57417 7	3	Trichinella spiralis	3
		Data from Galicia	Magnetic stirrer method for pooled sample digestion	animal	10039 19	0	Trichinella	0
		Data from Illes Balears	Magnetic stirrer method for pooled sample digestion	animal	10236 9	0	Trichinella	0
		Data from Madrid	Magnetic stirrer method for pooled sample digestion	animal	54131 3	0	Trichinella	0
		Data from Principado de Asturias	Magnetic stirrer method for pooled sample digestion	animal	45006	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 - not raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	data from Cantabria	Magnetic stirrer method for pooled sample digestion	animal	330	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Navarra	Magnetic stirrer method for pooled sample digestion	animal	50377	0	Trichinella	0
	Solipeds, domestic - donkeys - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Catalunya	Magnetic stirrer method for pooled sample digestion	animal	7	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Aragon	Magnetic stirrer method for pooled sample digestion	animal	6690	0	Trichinella	0
		Data from Catalunya	Magnetic stirrer method for pooled sample digestion	animal	1599	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Magnetic stirrer method for pooled sample digestion	animal	3246	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Comunidad Valenciana	Magnetic stirrer method for pooled sample digestion	animal	5030	0	Trichinella	0
		DATA FROM ANDALUCIA	Magnetic stirrer method for pooled sample digestion	animal	651	0	Trichinella	0
		Data from Castilla - La Mancha	Magnetic stirrer method for pooled sample digestion	animal	51	0	Trichinella	0
		Data from Euskadi	Magnetic stirrer method for pooled sample digestion	animal	165	0	Trichinella	0
		Data from Galicia	Magnetic stirrer method for pooled sample digestion	animal	127	0	Trichinella	0
		Data from La Rioja	Magnetic stirrer method for pooled sample digestion	animal	104	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	data from Cantabria	Magnetic stirrer method for pooled sample digestion	animal	649	0	Trichinella	0
	Solipeds, domestic - Slaughterhouse - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	Magnetic stirrer method for pooled sample digestion	animal	2042	0	Trichinella	0
	Wild boars - farmed - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Magnetic stirrer method for pooled sample digestion	animal	375	0	Trichinella	0
	Wild boars - wild - Farm - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Principado de Asturias	Magnetic stirrer method for pooled sample digestion	animal	2076	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	Wild boars - wild - Game handling establishment - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Catalunya	Magnetic stirrer method for pooled sample digestion	animal	14988	47	Trichinella britovi	2					
							Trichinella spiralis	39					
							Trichinella, unspecified sp.	6					
	Wild boars - wild - Game handling establishment - Not Available - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	Data from Castilla y León	Magnetic stirrer method for pooled sample digestion	animal	71	0	Trichinella	0					
Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	DATA FROM ANDALUCIA	Magnetic stirrer method for pooled sample digestion	animal	59109	78	Trichinella, unspecified sp.	78						
							Data from Castilla - La Mancha	Magnetic stirrer method for pooled sample digestion	animal	34426	305	Trichinella spiralis	305
							Data from Extremadura	Magnetic stirrer method for pooled sample digestion	animal	25294	80	Trichinella britovi	11
												Trichinella spiralis	69
							Data from La Rioja	Magnetic stirrer method for pooled sample digestion	animal	1617	1	Trichinella, unspecified sp.	1
							Data from Madrid	Magnetic stirrer method for pooled sample digestion	animal	353	3	Trichinella spiralis	3
							Data from Navarra	Magnetic stirrer method for pooled sample digestion	animal	7476	3	Trichinella britovi	3
Data from Principado de Asturias	Magnetic stirrer method for pooled sample digestion	animal	211	0	Trichinella	0							
	Wild boars - wild - Game handling establishment - Spain - animal sample - organ/tissue - Surveillance - Official, based on Regulation 2019/627 - Census	data from Cantabria	Magnetic stirrer method for pooled sample digestion	animal	14	0	Trichinella	0					
	Wild boars - wild - Hunting - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from Aragon	Magnetic stirrer method for pooled sample digestion	animal	4800	9	Trichinella, unspecified sp.	9					
Wild boars - wild - Hunting - Spain - animal sample - organ/tissue - Surveillance - Official sampling - Census	data from Cantabria	Magnetic stirrer method for pooled sample digestion	animal	1132	0	Trichinella	0						
							Data from Extremadura	Magnetic stirrer method for pooled sample digestion	animal	16982	2	Trichinella spiralis	2
							Data from La Rioja	Magnetic stirrer method for pooled sample digestion	animal	388	0	Trichinella	0
							Data from Madrid	Magnetic stirrer method for pooled sample digestion	animal	1778	3	Trichinella spiralis	2
Trichinella, unspecified sp.	1												

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	Cheeses made from cows' 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 Catalunya	PCR	12	0	Yersinia	0
	Cheeses made from cows' 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 Catalunya	PCR	15	0	Yersinia	0
	Cheeses made from goats' 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 Catalunya	PCR	10	0	Yersinia	0
	Cheeses made from goats' 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 Catalunya	PCR	2	0	Yersinia	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 - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	PCR	4	0	Yersinia	0
	Cured seasoned pork meat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	PCR	27	0	Yersinia	0
	Eggs - table eggs - Packing centre - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	5	0	Yersinia	0
	Meat from bovine animals - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	3	0	Yersinia	0
	Meat from bovine animals - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	7	0	Yersinia	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/fee d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	19	2	Yersinia enterocolitica	2
	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/fee d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	5	3	Yersinia enterocolitica	3
					Data from Euskadi	ISO 10273:2017 Yersinia enterocolitica	6	0	Yersinia	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	9	0	Yersinia	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	DATA FROM ARAGON	ISO 10273:2017 Yersinia enterocolitica	5	0	Yersinia	0
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/fee d)	25	Gram	DATA FROM ARAGON	ISO 10273:2017 Yersinia enterocolitica	5	0	Yersinia	0
	Meat from horse - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	5	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 other poultry species - fresh - chilled - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	2	1	Yersinia enterocolitica	1
	Meat from pig - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	10	3	Yersinia enterocolitica	3
	Meat from pig - meat products - cooked ham - sliced - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	PCR	32	0	Yersinia	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	19	1	Yersinia enterocolitica	1
	Meat from pig - meat products - meat specialities - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	2	0	Yersinia	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 d)	25	Gram	Data from Euskadi	ISO 10273:2017 Yersinia enterocolitica	11	0	Yersinia	0
	Meat from poultry, unspecified - 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 Catalunya	ISO 10273:2017 Yersinia enterocolitica	10	0	Yersinia	0
	Meat from poultry, unspecified - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	15	4	Yersinia enterocolitica	4
	Meat from rabbit - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	5	0	Yersinia	0
	Meat from rabbit - meat products - pâté - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	PCR	22	0	Yersinia	0
	Meat from sheep - fresh - chilled - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	10	2	Yersinia enterocolitica	2
	Meat from turkey - fresh - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	10	0	Yersinia	0
	Meat from turkey - meat preparation - intended to be eaten cooked - chilled - Processing plant - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed d)	25	Gram	DATA FROM ARAGON	ISO 10273:2017 Yersinia enterocolitica	5	0	Yersinia	0
	Soy - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	1	0	Yersinia	0
	Soy - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	Data from Catalunya	ISO 10273:2017 Yersinia enterocolitica	1	0	Yersinia	0

FOODBORNE OUTBREAKS TABLES

Foodborne Outbreaks: summarized data

when numbers referring to cases, hospitalized people and deaths are reported as unknown, they will be not included in the sum calculation

Causative agent	Food vehicle	Outbreak strenght				Weak			
		Strong		N		N		N	
		N outbreaks	N human cases	hospitalized	N deaths	N outbreaks	N human cases	hospitalized	N deaths
Aeromonas hydrophila	Mixed food	1	19	0	0				
Bacillus cereus	Cereal products including rice and seeds/pulses (nuts, almonds)					1	14	0	0
Campylobacter coli	Broiler meat (Gallus gallus) and products thereof					2	5	0	0
Campylobacter jejuni	Broiler meat (Gallus gallus) and products thereof	1	12	3	0				
	Mixed food	1	17	17	0	1	18	0	0
	Unknown					4	8	0	0
Campylobacter, unspecified sp.	Meat and meat products	1	3	0	0	1	2	0	0
	Broiler meat (Gallus gallus) and products thereof	1	2	0	0				
	Unknown					3	25	2	0
Clostridium botulinum	Vegetables and juices and other products thereof	1	3	0	0				
Clostridium perfringens	Pig meat and products thereof					1	2	0	0
	Meat and meat products	2	27	0	0				
Histamine	Fish and fish products					1	2	0	0
Marine biotoxins	Fish and fish products	5	17	0	0				
Mushroom toxins	Vegetables and juices and other products thereof					1	3	1	0
non-toxigenic V. cholerae	Mixed food	1	47	1	0				
Norovirus	Crustaceans, shellfish, molluscs and products thereof	1	8	0	0	1	6	0	0
	Vegetables and juices and other products thereof					1	18	0	0
	Tap water, including well water	1	114	1	0				
	Bakery products					1	10	0	0
	Mixed food	2	31	0	0				
	Buffet meals	1	106	0	0				
	Unknown					3	236	1	0
Salmonella enterica, subspecies enterica	Meat and meat products					1	18	0	0
	Other foods					1	2	0	0
Salmonella Enteritidis	Unknown					1	2	0	0
	Eggs and egg products	2	12	10	0				
	Broiler meat (Gallus gallus) and products thereof	1	3	0	0				
	Vegetables and juices and other products thereof	1	24	0	0				
	Mixed food	1	18	1	1				
Unknown					1	8	0	0	
Salmonella group B	Unknown					1	7	0	0
Salmonella group C	Mixed food	1	110	7	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 group D	Eggs and egg products					2	6	3	0
	Broiler meat (Gallus gallus) and products thereof					1	2	0	0
	Bakery products	1	5	0	0				
	Mixed food					1	2	0	0
	Unknown					3	21	2	0
	Meat and meat products					1	2	0	0
Salmonella Infantis	Eggs and egg products	1	18	4	0				
Salmonella spp., unspecified	Eggs and egg products	8	27	8	0	20	77	16	0
	Other or mixed red meat and products thereof					1	5	0	0
	Broiler meat (Gallus gallus) and products thereof	2	8	0	0	3	10	5	0
	Vegetables and juices and other products thereof					1	2	0	0
	Fruit, berries and juices and other products thereof	1	13	0	0				
	Bakery products	2	9	1	0				
	Mixed food	1	6	2	0	5	20	1	0
	Unknown					25	113	10	0
	Meat and meat products	1	7	0	0	1	5	0	0
	Sauce and dressings					1	6	1	0
Salmonella Typhimurium	Eggs and egg products	1	2	0	0				
Shiga toxin-producing Escherichia coli (STEC)	Unknown					1	2	1	0
	Meat and meat products	1	2	0	0				
Shigella sonnei	Fish and fish products					1	2	1	0
	Unknown					1	2	0	0
Staphylococcal enterotoxins	Cheese	1	4	0	0				
	Fish and fish products	1	2	0	0				
	Mixed food	2	15	0	0	2	13	0	0
Unknown	Cheese	4	21	1	0	2	6	0	0
	Eggs and egg products	2	21	9	0	3	28	0	0
	Pig meat and products thereof	1	5	0	0				
	Broiler meat (Gallus gallus) and products thereof					2	9	1	0
	Fish and fish products					3	8	0	0
	Crustaceans, shellfish, molluscs and products thereof	1	3	0	0	2	14	0	0
	Vegetables and juices and other products thereof					2	58	0	0
	Other foods	2	13	1	0	1	2	0	0
	Mixed food					10	121	3	0
	Unknown					28	177	8	1
	Meat and meat products	3	94	6	0	5	63	0	0
	Eggs					1	19	1	0
	Sauce and dressings	1	2	0	0	1	7	0	0
Meat from broilers (Gallus gallus)					1	2	0	0	
Vibrio parahaemolyticus	Crustaceans, shellfish, molluscs and products thereof	1	6	0	0				
Yersinia enterocolitica	Pig meat and products thereof	1	6	0	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
Aeromonas hydrophila	unk	Not Available	Not Available	Not Available	N_A	General	Mixed food	N_A	Analytical epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown;Cross-contamination	N_A	1	19	0	0
Campylobacter jejuni	unk	Not Available	Not Available	Not Available	N_A	General	Broiler meat (Gallus gallus) and products thereof	N_A	Analytical epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	12	3	0
							Mixed food	N_A	Analytical epidemiological evidence	School or kindergarten	Unknown	Unknown	Unknown;Cross-contamination	N_A	1	17	17	0
							Household	Meat and meat products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	3	0
Campylobacter, unspecified sp.	unk	Not Available	Not Available	Not Available	N_A	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	1	2	0	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	Domestic premises	Unknown	Unknown	Unknown	N_A	1	3	0	0
Clostridium perfringens	unk	Not Available	Not Available	Not Available	N_A	General	Meat and meat products	N_A	Analytical epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	1	24	0	0
									Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
Marine biotoxins	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Descriptive 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	2	5	0	0
											Unknown	Unknown	Unknown	N_A	1	4	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
											Household	Fish and fish products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown

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
non-toxicogenic V. cholerae	unk	Not Available	Not Available	Not Available	N_A	General	Mixed food	N_A	Analytical epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Unknown	Not Available	Unknown;Cross-contamination	N_A	1	47	1	0
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	Unknown	Unknown	Unknown	N_A	1	8	0	0
							Tap water, including well water	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Analytical epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	1	114	1	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	18	0	0
							Buffet meals	N_A	Analytical epidemiological evidence	School or kindergarten	School or kindergarten	Unknown	Unknown;Cross-contamination	N_A	1	106	0	0
Salmonella Enteritidis	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Analytical epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	1	10	9	0
							Vegetables 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;Analytical epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown;Cross-contamination	N_A	1	24	0	0
							Mixed food	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)	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	N_A	1	18	1	1

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				
Salmonella Enteritidis	unk	Not Available	Not Available	Not Available	N_A	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	2	1	0				
							Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	3	0	0				
Salmonella group C	unk	Not Available	Not Available	Not Available	N_A	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Others	Unknown	Unknown	Unknown;Cross-contamination	N_A	1	110	7	0				
Salmonella group D	unk	Not Available	Not Available	Not Available	N_A	Household	Bakery products	N_A	Analytical epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	5	0	0				
Salmonella Infantis	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	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	18	4	0				
Salmonella spp., unspecified	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Others	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	2	6	2	0				
							Fruit, berries 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;Other contributory factor	N_A	1	13	0	0				
										Bakery products	N_A	Descriptive epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	1	2	1	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	7	0	0				
										Household	Eggs and egg products	N_A	Analytical epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	6	0	0
														Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	3	11	5
Household	Eggs and egg products	N_A	Analytical epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	2	1	0										
				Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Domestic premises	Unknown	Unknown	Unknown	N_A	1	2	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	N hosp.	N deaths
Salmonella spp., unspecified	unk	Not Available	Not Available	Not Available	N_A	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	2	8	0	0
							Bakery products	N_A	Analytical epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	7	0	0
							Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Analytical epidemiological evidence	Domestic premises	Retail	Unknown	Unknown	N_A	1	6	2	0
Salmonella Typhimurium	unk	Not Available	Not Available	Not Available	N_A	Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	2	0	0
Shiga toxin-producing Escherichia coli (STEC)	unk	Not Available	Not Available	Not Available	N_A	General	Meat and meat products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
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	Others	Unknown	Norway	Unknown	N_A	1	2	0	0
							Mixed food	N_A	Analytical epidemiological evidence	Mobile retailer or market/street vendor	Unknown	Unknown	Unknown	N_A	1	13	0	0
									Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Others	Unknown	Unknown	Unknown;Cross-contamination	N_A	1	2	0	0
							Household	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Domestic premises	Unknown	Unknown	Unknown	N_A	1	4	0
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Cheese	N_A	Analytical epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	1	8	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	General	Eggs and egg products	N_A	Analytical epidemiological evidence	Camp or picnic	Camp or picnic	Spain	Unknown	N_A	1	10	6	0						
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	11	3	0						
							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	5	0	0						
															Other foods	N_A	Analytical epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	11
							Meat and meat products	N_A	Analytical epidemiological evidence	Hospital or medical care facility	Hospital or medical care facility	Spain	Unknown	N_A	1	7	3	0						
															Unknown	Unknown	Unknown	N_A	1	16	3	0		
							Sauce and dressings	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0						
															Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	71	0	0	
							Household	Cheese	N_A	Analytical epidemiological evidence	Domestic premises	Unknown	Spain	Unknown	N_A	1	7	0	0					
															Descriptive epidemiological evidence	Domestic premises	Unknown	Spain	Unknown	N_A	2	6	1	0
															Descriptive epidemiological evidence	Domestic premises	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. deaths	N deaths
Vibrio parahaemolyticus	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; Analytical epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	6	0	0
Yersinia enterocolitica	unk	Not Available	Not Available	Not Available	N_A	Household	Pig meat and products thereof	N_A	Analytical epidemiological evidence	Domestic premises	Unknown	Unknown	Unknown	N_A	1	6	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
Bacillus cereus	unk	Not Available	Not Available	Not Available	N_A	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Descriptive epidemiological evidence	Others	Not Available	Not Available	Not Available	N_A	1	14	0	0
Campylobacter coli	unk	Not Available	Not Available	Not Available	N_A	Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Not Available	Not Available	Not Available	N_A	2	5	0	0
Campylobacter jejuni	unk	Not Available	Not Available	Not Available	N_A	General	Mixed food	N_A	Descriptive epidemiological evidence	Others	Not Available	Not Available	Not Available	N_A	1	18	0	0
							Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0
							Meat and meat products	N_A	Descriptive epidemiological evidence	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	2	0	0
						Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	3	6	0	0
Campylobacter, unspecified sp.	unk	Not Available	Not Available	Not Available	N_A	General	Unknown	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Not Available	Not Available	Not Available	N_A	1	16	2	0
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	9	0	0
Clostridium perfringens	unk	Not Available	Not Available	Not Available	N_A	General	Pig meat and products thereof	N_A	Descriptive epidemiological evidence	Mobile retailer or market/street vendor	Not Available	Not Available	Not Available	N_A	1	2	0	0
Histamine	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0
Mushroom toxins	unk	Not Available	Not Available	Not Available	N_A	General	Vegetables and juices and other products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	3	1	0
Norovirus	unk	Not Available	Not Available	Not Available	N_A	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	6	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				
Norovirus	un k	Not Available	Not Available	Not Available	N_A	General	Vegetables and juices and other products thereof	N_A	Descriptiv e epidemiol ogical evidence	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	18	0	0				
							Bakery products	N_A	Descriptiv e epidemiol ogical evidence	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	10	0	0				
							Unknown	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	236	1	0				
							Meat and meat products	N_A	Descriptiv e epidemiol ogical evidence	Hospital or medical care facility	Not Available	Not Available	Not Available	N_A	1	18	0	0				
Salmonella enterica, subspecies enterica	un k	Not Available	Not Available	Not Available	N_A	General	Other foods	N_A	Descriptiv e epidemiol ogical evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0				
						Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0				
Salmonella Enteritidis	un k	Not Available	Not Available	Not Available	N_A	Household	Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	1	8	0	0				
Salmonella group B	un k	Not Available	Not Available	Not Available	N_A	General	Unknown	N_A	Unknown	School or kindergarten	Not Available	Not Available	Not Available	N_A	1	7	0	0				
Salmonella group D	un k	Not Available	Not Available	Not Available	N_A	General	Unknown	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Not Available	Not Available	Not Available	N_A	1	10	1	0				
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	7	1	0				
										Meat and meat products	N_A	Descriptiv e epidemiol ogical evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	2	0	0	
										Household	Eggs and egg products	N_A	Descriptiv e epidemiol ogical evidence	Domestic premises	Not Available	Not Available	Not Available	N_A	2	6	3	0
										Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptiv e epidemiol ogical evidence	Domestic premises	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								
Salmonella group D	un	Not Available	Not Available	Not Available	N_A	Household	Mixed food	N_A	Descriptive epidemiological evidence	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0								
															Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	4	0
Salmonella spp., unspecified	un	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	4	1	0								
															Others	Not Available	Not Available	Not Available	N_A	2	7	0	0			
															Residential institution (nursing home or prison or boarding school)	Not Available	Not Available	Not Available	N_A	1	6	2	0			
															Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	7	25	2	0			
															Other or mixed red meat and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	5	0	0
															Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	6	2	0
															Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	8	0	0
															School or kindergarten	Not Available	Not Available	Not Available	N_A	1	9	0	0			
															Unknown	N_A	Descriptive epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Not Available	Not Available	Not Available	N_A	1	16	0	0
															Unknown	Hospital or medical care facility	Not Available	Not Available	Not Available	N_A	2	16	0	0		
															Multiple places of exposure in one country	Not Available	Not Available	Not Available	N_A	1	6	0	0			
															Others	Not Available	Not Available	Not Available	N_A	1	8	3	0			
Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	9	29	6	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
Salmonella spp., unspecified	unk	Not Available	Not Available	Not Available	N_A	General	Sauce and dressings	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	6	1	0
							Household	Eggs and egg products	N_A	Descriptive epidemiological evidence	Domestic premises	Not Available	Not Available	Not Available	N_A	9	35	11
						Household	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Not Available	Not Available	Not Available	N_A	1	4	3	0
							Vegetables and juices and other products thereof	N_A	Descriptive epidemiological evidence	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
							Unknown	N_A	Descriptive epidemiological evidence	Domestic premises	Not Available	Not Available	Not Available	N_A	2	4	0	0
							Unknown	N_A	Unknown	Domestic premises	Not Available	Not Available	Not Available	N_A	8	29	1	0
							Meat and meat products	N_A	Descriptive epidemiological evidence	Domestic premises	Not Available	Not Available	Not Available	N_A	1	5	0	0
						Unknown	Mixed food	N_A	Descriptive epidemiological evidence	Unknown	Not Available	Not Available	Not Available	N_A	1	3	1	0
							Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	5	0	0
Shiga toxin-producing Escherichia coli (STEC)	unk	Not Available	Not Available	Not Available	N_A	Household	Unknown	N_A	Descriptive epidemiological evidence	Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	1	0
Shigella sonnei	unk	Not Available	Not Available	Not Available	N_A	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Others	Not Available	Not Available	Not Available	N_A	1	2	1	0
						Unknown	Unknown	N_A	Unknown	Unknown	Not Available	Not Available	Not Available	N_A	1	2	0	0
Staphylococcal enterotoxins	unk	Not Available	Not Available	Not Available	N_A	General	Mixed food	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	3	0	0
										School or kindergarten	Not Available	Not Available	Not Available	N_A	1	10	0	0
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Eggs and egg products	N_A	Descriptive epidemiological evidence	Others	Not Available	Not Available	Not Available	N_A	1	22	0	0
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	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				
															N outbreaks	human cases	N hosp.	N deaths	
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Broiler meat (Gallus gallus) and products thereof	N_A	Descriptive epidemiological evidence	Others	Not Available	Not Available	Not Available	N_A	1	5	1	0	
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	4	0	0	
							Fish and fish products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	8	0	0	
							Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	2	14	0	0	
							Vegetables and juices and other products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	12	0	0	
										School or kindergarten	Not Available	Not Available	Not Available	N_A	1	46	0	0	
							Mixed food	N_A	Descriptive epidemiological evidence	Others	Not Available	Not Available	Not Available	N_A	1	2	1	0	
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	7	110	2	0	
							Unknown	N_A	Descriptive epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Not Available	Not Available	Not Available	N_A	1	30	0	0	
										Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	9	0	0	
										Unknown	Camp or picnic	Not Available	Not Available	Not Available	N_A	1	9	0	0
										Residential institution (nursing home or prison or boarding school)	Not Available	Not Available	Not Available	N_A	5	42	1	0	
							Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	8	45	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	Meat and meat products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	3	10	0	0					
										School or kindergarten					Not Available	Not Available	Not Available	N_A	1	50	0	0	
Unknown	unk	Not Available	Not Available	Not Available	N_A	General	Sauce and dressings	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Not Available	Not Available	N_A	1	7	0	0					
										Meat from broilers (Gallus gallus)					Not Available	Not Available	Not Available	N_A	1	2	0	0	
Unknown	unk	Not Available	Not Available	Not Available	N_A	Household	Cheese	N_A	Descriptive epidemiological evidence	Domestic premises	Not Available	Not Available	Not Available	N_A	2	6	0	0					
										Other foods					Domestic premises	Not Available	Not Available	Not Available	N_A	1	2	0	0
										Mixed food					Domestic premises	Not Available	Not Available	Not Available	N_A	2	9	0	0
										Unknown					Domestic premises	Not Available	Not Available	Not Available	N_A	12	42	7	1
										Meat and meat products					Domestic premises	Not Available	Not Available	Not Available	N_A	1	3	0	0
										Unknown					Unknown	Not Available	Not Available	Not Available	N_A	1	3	0	0
Unknown	unk	Not Available	Not Available	Not Available	N_A	Unknown	Eggs and egg products	N_A	Descriptive epidemiological evidence	Unknown	Not Available	Not Available	Not Available	N_A	1	3	0	0					
										Eggs					Unknown	Not Available	Not Available	Not Available	N_A	1	19	1	0

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

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

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	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
ECOFF	16	0.5	0.5	8	2	2
Lowest limit	2	0.125	0.125	1	0.25	0.5
Highest limit	64	32	4	512	16	64
N of tested isolates	21	21	21	21	21	21
N of resistant isolates	0	18	2	5	2	20
MIC						
<=0.125		3	10			
<=0.25					5	
0.25			5			
<=0.5						1
0.5			4		12	
<=1				15		
1			2		2	
<=2	13					
2				1		
4	8	1				
8		11				
16		4				
>16					2	
32		2				2
64						5
>64						13
256				2		
512				3		

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	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
ECOFF	16	0.5	0.5	8	2	2
Lowest limit	2	0.125	0.125	1	0.25	0.5
Highest limit	64	32	4	512	16	64
N of tested isolates	170	170	170	170	170	170
MIC	N of resistant isolates	0	154	0	74	6
<=0.125		15	115			
<=0.25					22	
0.25		1	45			
<=0.5						16
0.5			10		100	
<=1				82		
1		1			42	
<=2	97					
2		1		8		
4	64	8		5		2
8	7	52		1		3
16	2	60		2		3
>16					6	
32		28		1		5
>32		4				
64				2		30
>64						111
128				7		
256				12		
512				30		
>512				20		

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

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	Chloramphenicol	Ciprofloxacin	Ertapenem	Erythromycin	Gentamicin	Tetracycline
ECOFF	16	0.5	0.5	4	2	1
Lowest limit	2	0.125	0.125	1	0.25	0.5
Highest limit	64	32	4	512	16	64
N of tested isolates	138	138	138	138	138	138
MIC	N of resistant isolates	84	1	0	0	89
<=0.125		51	124			
<=0.25					116	
0.25		3	12			
<=0.5						48
0.5			1		22	
<=1				134		
1						1
<=2	130					
2		1				
4	8	7		4		
>4			1			
8		58				
16		14				3
32		3				7
>32		1				
64						45
>64						34

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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						
<=2													1	
<=4	1										1			
<=8						1								
8			1											
32												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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	
<=4	1										1			
4			1											
<=8						1								
64												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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	1	1
MIC														
<=0.03										1				
0.03							1							
<=0.25				1										
<=0.5									1					
0.5					1									
<=1		1						1						
1														1
<=4	1										1			
8			1											
>32														1
64						1								
>512												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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					
0.5					1									1
<=1		1						1						
<=2													1	
2								1						
<=4	2										1			
4		1											1	
<=8						1								
8			1								1			
16			1			1								
32												1		
64												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pn12

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/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent
ECOFF	0.125	0.5	0.5	8	2	2	0.064	1	0.125	16
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	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	1	0	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
0.25			1					1		
0.5						1				
1	1				1					
8										1
16				1						
64		1								

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	12	12	12	12	12	12	12	12	12	12	12	12	12	12
N of resistant isolates	0	1	0	0	0	0	3	0	0	0	3	1	7	0
MIC														
<=0.015							8							
<=0.03										8				
0.03							1							
0.064										4				
<=0.25				12										4
0.25							1							
<=0.5									9					
0.5					12		2							8
<=1		8						3						
1									3					
<=2													5	
2		3						9						
<=4	12										9			
<=8						12								
8			11											
16			1								3	3		
32												7		
>32		1											7	
64												1		
>512												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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	1	2	0	0	1	0	0	1
MIC														
<=0.015							1							
<=0.03										2				
0.125							1							
<=0.25				1	1									1
<=0.5									2					
0.5				1										
<=1		1												
1					1									1
<=2													1	
<=4	2										1			
4		1	1					1					1	
<=8						1								
8								1						
16			1			1					1	2		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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						
<=2													1	
2		1												
<=4	1										1			
4			1											
<=8						1								
32												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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	1	0	0	0	1	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											
32												1		
>64											1			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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						
<=2													1	
<=4	1										1			
<=8						1								
8			1											
32												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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						
<=2													1	
<=4	1										1			
4			1											
<=8						1								
32												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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					
0.5														1
<=1								1						
1					1									
<=2													1	
2		1												
<=4	1										1			
<=8						1						1		
8			1											

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
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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	
<=4	1										1			
4			1											
<=8						1								
64												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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
1					1				1					
<=2													1	
2		1						1						
<=4	1										1			
8			1											
16						1								
32												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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	
<=4	1										1			
4			1											
<=8						1								
64												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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	1	0	0	0	1	0	0	0
MIC														
<=0.03										1				
<=0.25				1										1
0.25							1							
<=0.5					1				1					
0.5														
<=1		1						1						
<=2													1	
<=4	1													
4			1											
16						1						1		
>64											1			

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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						
<=2													1	
<=4	1										1			
4			1											
<=8						1								
>512												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline		
	ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25		
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8		
N of tested isolates	34	34	34	34	34	34	34	34	34	34	34	34	34	34		
N of resistant isolates	1	20	0	0	0	10	13	0	6	0	13	21	29	8		
MIC																
<=0.015							14									
<=0.03										25						
0.03							7									
0.064											9					
<=0.25				34	7										5	
0.25							7									
<=0.5					21	5							20			
0.5						21	5								21	
<=1			5							23						
1					6						7					
<=2													5			
2			8							1	11	1				
<=4			33											20		
4				2												
<=8						17										
8	1	1	25									1				
16			7							7						
>16										6						
32						1							1	4		
>32			20											29		
64						1								5		
>64						8							9			

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Naftidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	34	34	34	34	34	34	34	34	34	34	34	34	34	34
N of resistant isolates	1	20	0	0	0	10	13	0	6	0	13	21	29	8
MIC														
>512												21		

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
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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	1	0	0	0	0	0	0	0
MIC														
<=0.03										1				
<=0.25				1	1									1
0.25							1							
<=1		1												
1									1					
2								1						
<=4	1													
4			1											
<=8						1								
8											1		1	
64												1		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline		
	ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5	
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25		
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8		
N of tested isolates	19	19	19	19	19	19	19	19	19	19	19	19	19	19		
N of resistant isolates	0	17	0	0	0	9	8	0	0	0	8	17	14	3		
MIC																
<=0.015							2									
<=0.03										9						
0.03							8									
0.064							1					10				
<=0.25				19	14									13		
0.25							3									
<=0.5					5		5		18							
0.5			1				5		14							
<=1			1						1							
1									1							
<=2												5				
2			1						5							
<=4	19											9				
4			5													
<=8						9										
8			13									2				
16			1				1					1				
32												1		1		
>32			17									13				
>64						9							8			
>512												17				

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
Programme Code: AMR MON

Sampler: Official sampling

Sampling Strategy: Objective sampling

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline		
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5		
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25		
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8		
N of tested isolates	79	79	79	79	79	79	79	79	79	79	79	79	79	79		
N of resistant isolates	0	75	0	0	0	11	19	0	8	0	19	71	68	4		
MIC																
<=0.015							17									
<=0.03										51						
0.03							37									
0.064							6			28						
0.125							1									
<=0.25				76	40								41			
0.25							2									
<=0.5									56							
0.5				3	36		10								34	
<=1	3															
1					3	6		14							4	
<=2													8			
2	1															
<=4	79															
4			19							1						3
<=8						63							3			
8			50							1	6					
16			10				5			7	2					
>16									6							
32											6	2				
>32	75															
64											2	1		68		

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	4	8	16	0.5	2	16	0.064	2	2	0.125	8	256	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	79	79	79	79	79	79	79	79	79	79	79	79	79	79
N of resistant isolates	0	75	0	0	0	11	19	0	8	0	19	71	68	4
MIC														
>64						11					4			
>512												71		

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	
N of tested isolates	170	170	170	170	170	170	170	170	170	170	170	170	170	170	
N of resistant isolates	0	22	0	0	0	26	4	0	5	0	4	43	54	0	
MIC															
<=0.015							148								
<=0.03										169					
0.03							18								
0.125											1				
<=0.25				170	164									146	
0.25							1								
<=0.5									85						
0.5					6	2							24		
<=1			11						167						
1								73							
<=2			11									108			
2			51				3	7							
<=4			167									165			
4			79	61								7			
<=8						142						92			
8	3	7	97								1	1			
>8							1								
16			1				2					1	29	5	

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	170	170	170	170	170	170	170	170	170	170	170	170	170	170
N of resistant isolates	0	22	0	0	0	26	4	0	5	0	4	43	54	0
MIC														
>16									5					
32		1				1						6	3	
>32		21											46	
64						5								
>64						20					3			
512													1	
>512													42	

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: Spain

Sampling Details:

		AM substance									
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	128
	N of tested isolates	181	181	181	181	181	181	181	181	181	181
Ceftazidime synergy test	N of resistant isolates	179	181	28	38	165	28	1	0	0	0
	<=0.015							65			
	<=0.03									112	
	0.03							39			
	<=0.064			82							
	0.064							7			
	<=0.125						50		29		
	0.125			30				1			
	0.25						44		81		
	0.5						18		2		
Positive/Pre sent		1				33					
	2	30			9	18					
	4	12			63	13					20
	8	11			31	16					68
	16	19	1		8	25					24
	32	14	11		1	4					
	>32	25									
	64		34			2					

		AM substance														
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin					
		ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16				
		Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5				
		Highest limit	32	64	64	64	128	128	2	16	16	128				
		N of tested isolates	181	181	181	181	181	181	181	181	181	181				
		N of resistant isolates	179	181	28	38	165	28	1	0	0	0				
Ceftazidime synergy test	Cefotaxime synergy test	MIC														
		Positive/Pre sent	>64	66												
Positive/Pre sent	Negative/Ab sent	128														
		<=0.015									29					
		<=0.03										47				
		0.03									17					
		<=0.064														
		0.064								1						
		<=0.125							15			21				
		0.125														
		<=0.25						7								
		0.25		1								1				
		0.5						15			4			25		
		1					5			1			21			
		2			20			3			6			4		
		4			7			1			1			15		
		8			6			2			18			3		
		16			4			1			1			2		
		32			3			6			1			3		
		>32			1											
		64			1			21			5					
		>64			19											
Negative/Ab sent	Negative/Ab sent	<=0.015								3						
		<=0.03										22				
		0.03									13					
		0.064								6						
		<=0.125										1				
		0.125		2												
		0.25														
		0.5														
		1		1			1									
		2		1		1										
4			4			2			4			6				

		AM substance											
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin		
		ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16	
		Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5	
		Highest limit	32	64	64	64	128	128	2	16	16	128	
		N of tested isolates	181	181	181	181	181	181	181	181	181	181	
Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates	179	181	28	38	165	28	1	0	0	0
		8			12	10		5	14				12
		16			5	2		12	2				4
Negative/Ab sent	Negative/Ab sent	32			2	1	5	2	1				
		64					8	1	1				
		>64					9						

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Cattle (bovine animals) - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	181	181	181	181	181	181	181	181	181	181	181	181	181	181
N of resistant isolates	0	181	20	181	165	149	135	0	54	0	65	140	163	1
MIC														
<=0.015							44							
<=0.03										181				
0.03							2							
0.125							7							
<=0.25					1									159
0.25							55							
<=0.5									50					
0.5					15		19							21
<=1								178						
1					54		1		60					1
<=2			1										16	
2				1	22		3	3	17					
<=4	173										79			
4			61	2	14		1		3				1	
>4				178										
<=8						32						25		
8	8		91		26		4		6		37		1	
>8					49		45							
16			8						18		10	15		
>16									27					
32			8			1						1	14	

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	181	181	181	181	181	181	181	181	181	181	181	181	181	181
N of resistant isolates	0	181	20	181	165	149	135	0	54	0	65	140	163	1
MIC														
>32		181												149
64			4			3								
>64			8			145					55			
>512												140		

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pn12

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	170	170	170	170	170	170	170	170	170	170	170	170	170	170
N of resistant isolates	0	142	8	2	2	70	86	0	8	0	46	100	134	0
MIC														
<=0.015							74							
<=0.03										170				
0.03							9							
0.064							1							
0.125							10							
<=0.25				168	160									154
0.25							39							
<=0.5									92					
0.5					8		17							16
<=1								162						
1							1		65					
<=2			14										31	
2		16			1		2	8	5					
<=4	160										105			
4		11	66		1		2		1				1	
>4				2										
<=8						97						47		
8	10	1	74				7				19		4	
>8							8							
16			8			3			1		12	18	1	
>16									6					

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Naftidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	170	170	170	170	170	170	170	170	170	170	170	170	170	170
N of resistant isolates	0	142	8	2	2	70	86	0	8	0	46	100	134	0
MIC														
32		2				7						5	5	
>32		140											128	
64			3			9					2			
>64			5			54					32			
512												1		
>512												99		

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: CARBA MON pnr2

Analytical Method:

Country of Origin: Spain

Sampling Details:

		AM substance										
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16	
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5	
	Highest limit	32	64	64	64	128	128	2	16	16	128	
	N of tested isolates	2	2	2	2	2	2	2	2	2	2	
Ceftazidime synergy test	N of resistant isolates	2	2	2	1	0	0	2	2	2	2	
Cefotaxime synergy test	MIC											
	0.25						2					
	0.5	2					2					
	1			1						2		
Negative/Ab sent	2			1						1		
	>2							2				
	8				1					1		
	16					1						
	>128											2

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: CARBA MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

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

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: Spain

Sampling Details:

		AM substance									
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	128
	N of tested isolates	327	327	327	327	327	327	327	327	327	327
Ceftazidime synergy test	N of resistant isolates	323	327	49	74	320	51	8	0	0	3
	MIC										
	<=0.015							145			
	<=0.03									236	
	0.03							68			
	<=0.064	153									
	0.064							19	2		
	<=0.125					56		55			
	0.125	76					4				
	0.25	1	6		136		2	178			
Positive/Pre sent	0.5	8	1		42		5				
	1	13	1		8		3				
	2	21	1	1	20	44	1				
	4	23	5		100	27		31			
	8	33	14		92	43		139			
	16	31	26		24	46		66			
	32	38	21		2	35		2			
	>32	70									
	64	35			23						

		AM substance												
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin			
	ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16			
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5			
	Highest limit	32	64	64	64	128	128	2	16	16	128			
	N of tested isolates	327	327	327	327	327	327	327	327	327	327			
	N of resistant isolates	323	327	49	74	320	51	8	0	0	3			
Ceftazidime synergy test	Positive/Pre sent	>64	136											
		128	8											
		>128	4											
	Positive/Pre sent	Negative/Ab sent	<=0.015	35										
			<=0.03	46										
			0.03	10										
			<=0.064	25										
			<=0.125	7										
			0.125	17										
			0.25	1										
			0.5	7										
			1	25										
			2	7	1									
			4	8	2									
			8	10	1									
16	13	1	4											
32	4	10	1											
>32	4													
64	16		1											
>64	19													
Negative/Ab sent	Positive/Pre sent	<=0.03	1											
		0.03	1											
		<=0.125	1											
		0.25	1	1										
		8	1		1									
	16													
	64													
	Negative/Ab sent	<=0.015	4											
		<=0.03	40											
		0.03	16											
0.064		21												
<=0.125		5												

		AM substance										
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
		ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
		Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
		Highest limit	32	64	64	64	128	128	2	16	16	128
		N of tested isolates	327	327	327	327	327	327	327	327	327	327
Ceftazidime synergy test	Cefotaxime synergy test	N of resistant isolates	323	327	49	74	320	51	8	0	0	3
Negative/Ab sent	Negative/Ab sent	MIC										
		0.125	4					1				
		0.25	18						33			
		0.5	18						4			
		1			4							
		2	2	6	7		3					
		4		6	3		7	10				2
		8		13	19	1	7	8				20
		16		14	7	3	12	15				19
		32		2	2	5	10	4				1
64			1		20	6	2					
>64					13							

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5	
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25	
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8	
N of tested isolates	327	327	327	327	327	327	327	327	327	327	327	327	327	327	
N of resistant isolates	0	327	66	327	320	178	264	1	74	0	204	234	255	0	
MIC															
<=0.015							56								
<=0.03										323					
0.03							7								
0.064										4					
0.125							9								
<=0.25														297	
0.25							76								
<=0.5									86						
0.5					7			37						30	
<=1								319							
1					33			15			121				
<=2			6								62				
2				7	55			8	7	46					
<=4	295												83		
4			90	10	35			9	1	4				7	
>4				310											
<=8						127						53			
8	32			145			49			22			3	40	3
>8					148			88							
16			20				22			16			18	37	3
>16									51						

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	327	327	327	327	327	327	327	327	327	327	327	327	327	327
N of resistant isolates	0	327	66	327	320	178	264	1	74	0	204	234	255	0
32		1	13			7					3	3	3	
>32		326											249	
64			11			22					6			
>64			42			149					177			
512												2		
>512												232		

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pn12

Analytical Method:

Country of Origin: Spain

Sampling Details:

		AM substance									
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	128
	N of tested isolates	11	11	11	11	11	11	11	11	11	11
Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates								
			11	11	1	1	10	1	0	0	0
Positive/Pre sent	Positive/Pre sent	<=0.03								1	
		0.03						1			
		0.25	1							1	
		2			1						
		4		1							
		8						1			
		16					1				1
		64				1					
Negative/Ab sent	Negative/Ab sent	<=0.015						8			
		<=0.03								10	
		0.03						1			
		<=0.064			6						
		0.064						1			
		<=0.125						5		1	
		0.125			3						
		0.25			1			5		7	
0.5					1			2			

		AM substance											
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin		
		ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16	
		Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5	
		Highest limit	32	64	64	64	128	128	2	16	16	128	
		N of tested isolates	11	11	11	11	11	11	11	11	11	11	
Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates	11	11	1	1	10	1	0	0	0	0
Negative/Ab sent	Negative/Ab sent	1	1					1					
		2	1					2					
		4	2		6							3	
		8	1	1	4	3						4	
		16	3	2		2						3	
		32	2	1		1							
		64		6									

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	11	11	11	11	11	11	11	11	11	11	11	11	11	11
N of resistant isolates	0	11	0	11	10	6	9	0	3	0	7	8	7	0
<=0.015							1							
<=0.03										11				
0.03							1							
<=0.25														9
0.25							4							
<=0.5									1					
0.5					1		2							2
<=1								11						
1									4					
<=2													4	
2					3				3					
<=4	10										2			
4			2	11			1							
<=8						5						1		
8	1		5		7		2				2			
16			4						3			1		
32		11									1	1	7	
64						6					6			
128														1
512														7

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh - chilled

Sampling Stage: Border Control Posts

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Argentina

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
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							3							
<=0.03										3				
<=0.25				3	3									3
<=0.5									3					
<=1								3						
<=2													3	
2		1												
<=4	3										3			
4		1	1											
<=8						3						3		
8		1	2											

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh - chilled

Sampling Stage: Border Control Posts

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: Argentina

Sampling Details:

		AM substance									
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	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
Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates								
			1	1	0	0	1	0	0	0	0
Not Available	Not Available	<=0.015	1								
		<=0.03	1								
		<=0.125	1								
		2	1								
		4	1								
Positive/Pre sent	Positive/Pre sent	32	1								
		<=0.064	1								
		<=0.125	1								
		4	1								
		8	1								

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh - chilled

Sampling Stage: Border Control Posts

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Argentina

Sampling Details:

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

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from pig - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: Spain

Sampling Details:

		AM substance										
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
		ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16
		Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5
		Highest limit	32	64	64	64	128	128	2	16	16	128
		N of tested isolates	47	47	47	47	47	47	47	47	47	47
Ceftazidime synergy test	Cefotaxime synergy test	MIC	N of resistant isolates									
			45	47	6	7	47	6	2	0	0	2
		<=0.03								5		
		0.03						4				
		0.064						1		1		
		0.125	2					1				
		0.25	2						6			
		0.5	1									
Positive/Pre sent	Positive/Pre sent	1	1		1							
		2		1	2		1					
		4		3	1		1	2			1	
		8		1	2		3	3			3	
		16		1			1				1	
		32				3	1				1	
		64				3						
Negative/Ab sent	Positive/Pre sent	<=0.015						1				
		<=0.03								1		
		0.25			1				1			
		0.5						1				

		AM substance										
		Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
Ceftazidime synergy test	ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.064	0.5	0.125	16	
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.125	0.015	0.125	0.03	0.5	
Cefotaxime synergy test	Highest limit	32	64	64	64	128	128	2	16	16	128	
	N of tested isolates	47	47	47	47	47	47	47	47	47	47	
MIC		45	47	6	7	47	6	2	0	0	2	
Negative/Ab sent	Positive/Pre sent	1	1									
		16		1	1						1	
		64					1					
	Negative/Ab sent	<=0.015							28			
		<=0.03								40		
		0.03							10			
		<=0.064			33							
		0.064							1			
		<=0.125						11		15		
		0.125			6				1			
		0.25	1		1			24		24		
		0.5	9					5		1		
		1	4				7					
		2	1			4	2					
		4	2	2		20	4					10
		8	3	10		16	2					19
		16	6	2			11					10
		32	14	2			13					1
		64		24			1					

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from pig - fresh - chilled

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Spain

Sampling Details:

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	47	47	47	47	47	47	47	47	47	47	47	47	47	47
N of resistant isolates	1	47	4	47	47	19	35	0	10	0	26	29	35	0
<=0.015							8							
<=0.03										46				
0.03							4							
0.064										1				
0.125							1							
<=0.25														41
0.25							10							
<=0.5									9					
0.5							5							6
<=1								45						
1					6				22					
<=2			2										9	
2				2	5		1	2	6					
<=4	39										14			
4			13	45	3		1		2				3	
<=8						26						8		
8	7		28		33		17				7			
16						2			8			5	1	
32	1	47				4						5	34	
64			4			15					26			
256												1		

AM substance	Amikacin	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Naftidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline
ECOFF	8	8	16	0.25	0.5	16	0.064	2	2	0.125	8	64	8	0.5
Lowest limit	4	1	2	0.25	0.25	8	0.015	1	0.5	0.03	4	8	2	0.25
Highest limit	128	32	64	4	8	64	8	16	16	16	64	512	32	8
N of tested isolates	47	47	47	47	47	47	47	47	47	47	47	47	47	47
N of resistant isolates	1	47	4	47	47	19	35	0	10	0	26	29	35	0
MIC	512											28		

OTHER ANTIMICROBIAL RESISTANCE TABLES

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Cattle (bovine animals) - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country Of Origin: Spain

Sampling Details:

AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
ECOFF	4	32	4	4	4	64	4	0.5	2	4	0.25	4
Lowest limit	0.5	4	0.125	0.25	1	8	0.5	0.5	0.5	1	0.03	1
Highest MIC limit	64	128	16	32	128	1024	64	64	64	128	4	128
0.125											3	
0.25											3	
<=0.5	2								6			
0.5			1									
<=1					2					2		3
1	3		3	2			1	1				
2	1		1	3	1		4	1				2
<=4		2										
4					3		1	1				1
<=8						5						
8		3	1	1				3				
16		1				1						
64										1		
128										3		

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecalis in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country Of Origin:Spain

Sampling Details:

AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
ECOFF	4	32	4	4	4	64	4	0.5	2	4	0.25	4
Lowest limit	0.5	4	0.125	0.25	1	8	0.5	0.5	0.5	1	0.03	1
Highest limit	64	128	16	32	128	1024	64	64	64	128	4	128
0.064											1	
0.125											17	
<=0.25				1								
0.25			2								28	
<=0.5	10							1	45			
0.5			9	1							1	
<=1										3		32
1	21		20	11			9		2			
2	10		4	26	4		24					15
4	3		3	7			7	4				
<=8						12						
8	3	15		1			7	6				
16		3	7			19		31				
>16			2									
32		5				2		4				
64		10			1			1		8		
128		14			19					31		
>128					23					5		
1024						5						

AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
ECOFF	4	32	4	4	4	64	4	0.5	2	4	0.25	4
Lowest limit	0.5	4	0.125	0.25	1	8	0.5	0.5	0.5	1	0.03	1
Highest limit	64	128	16	32	128	1024	64	64	64	128	4	128
MIC >1024						9						

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Cattle (bovine animals) - calves (under 1 year)

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country Of Origin:Spain

Sampling Details:

AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
ECOFF	4	32	4	8	4	32	4	1	2	4	0.25	4
Lowest limit	0.5	4	0.125	0.25	1	8	0.5	0.5	0.5	1	0.03	1
Highest limit	64	128	16	32	128	1024	64	64	64	128	4	128
MIC												
<=0.03											1	
0.125											15	
0.25			1								2	
<=0.5	3							1	15			
0.5			3	1								
<=1					6					9		14
1	8		6				1	3	3			
2	6		3	3	5		15	4				2
<=4		1										
4			4	13	5		2	8				1
<=8						15						
8		15		1				1				
16						3		1				
>16			1									
32										3		1
64		2			1					2		
>64	1											
128										4		
>128					1							

Table Antimicrobial susceptibility testing of Enterococcus, non-pathogenic - E. faecium in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country Of Origin:Spain

Sampling Details:

AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
ECOFF	4	32	4	8	4	32	4	1	2	4	0.25	4
Lowest limit	0.5	4	0.125	0.25	1	8	0.5	0.5	0.5	1	0.03	1
Highest limit	64	128	16	32	128	1024	64	64	64	128	4	128
MIC												
0.064											12	
0.125											63	
<=0.25				1								
0.25			9								46	
<=0.5	3						1	1	120			
0.5			31	10							2	
<=1					9					10		114
1	18		40	29			4	3	2			
2	19		29	45	23		103	3		1		9
<=4		12										
4	58		14	29	10		13	59				
<=8						101						
8	24	76		9	8		2	43				
16		16			2	18		14				
32	1	11				2						
64		2			1					22		
>64									1			
128		6			27					84		
>128					43					6		

AM substance	Ampicillin	Chloramphenicol	Ciprofloxacin	Daptomycin	Erythromycin	Gentamicin	Linezolid	Quinupristin/Dalfopristin	Teicoplanin	Tetracycline	Tigecycline	Vancomycin
ECOFF	4	32	4	8	4	32	4	1	2	4	0.25	4
Lowest limit	0.5	4	0.125	0.25	1	8	0.5	0.5	0.5	1	0.03	1
Highest limit	64	128	16	32	128	1024	64	64	64	128	4	128
MIC												
1024						1						
>1024						1						

Specific monitoring of ESBL-/AmpC-/carbapenemase-producing bacteria and specific monitoring of carbapenemase-producing bacteria, in the absence of isolate detected

Programme Code	Matrix Detailed	Zoonotic Agent Detailed	Sampling Strategy	Sampling Stage	Sampling Details	Sampling Context	Sampler	Sample Type	Sampling Unit Type	Sample Origin	Comment	Total Units Tested	Total Units Positive
CARBA MON	Cattle (bovine animals) - calves (under 1 year)	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Slaughterhouse	N_A	Monitoring	Official sampling	animal sample - caecum	slaughter animal batch	Spain	N_A	413	0
	Meat from bovine animals - fresh - frozen	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Border Control Posts	N_A	Monitoring	Official sampling	food sample - meat	single (food/feed)	Argentina	N_A	11	0
Brazil										N_A	9	0	
Canada										N_A	1	0	
Chile										N_A	5	0	
Paraguay										N_A	3	0	
Uruguay										N_A	6	0	
	Meat from pig - fresh - frozen	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Border Control Posts	N_A	Monitoring	Official sampling	food sample - meat	single (food/feed)	Canada	N_A	1	0

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
Animal Population	20-Jul-2022
Disease Status	20-Jul-2022
Food Borne Outbreaks	08-Aug-2022
Prevalence	25-Jul-2022

SPAIN

TEXT FORMS FOR THE 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 2021

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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.

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting zoonoses in imported food and responsible for the samples obtained from the BCP's. In addition, the CCAES (Centro de Coordinación de Alertas y Emergencias Sanitarias) is the Unit responsible for the monitoring and surveillance of human cases and food-borne outbreaks.

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 MAPA the National Reference Laboratories (NRLs) for zoonoses in primary production

The Autonomous Communities through their human and animal health services.

Short description of the institutions and laboratories involved in data collection and reporting

2. Animal population

2.1. 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/31/2021.

2.2. 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.

2.3. National changes of the numbers of susceptible population and trends

See table

2.4. Geographical distribution and size distribution of the herds, flocks and holdings^(b)

<https://www.mapa.gob.es/es/ganaderia/temas/trazabilidad-animal/registro/default.aspx>

2.5. 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

3.1. 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 and updated according to the Ministerial Order SSI/445/2015. 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.. Control of milk and control of fresh meat production is carried out by Autonomous Communities according to European legislation in force (hygiene package).

3.2. 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 since 2018. Raw milk only can be consumed if produced in herds OTF.

3.3. Any recent specific action in the Member State or suggested for the European Union^(b)

Spanish Programme on Eradication of Bovine Tuberculosis 2021. 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.

3.4. Additional information

M. caprae has been isolated in 2005-2021 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)

4.1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Sampling strategy is defined in Spanish Programme on Eradication on Bovine Tuberculosis 2021, covering cattle according Regulation (EU) 689/2020 (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 injures. 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 2021. 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 injures 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 EURLAB protocols., Spoligotyping, VTNR for molecular typing.

4.2. 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 Regulation (EC) 689/2020, 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/programatb2021versionabril_tcm30-561045.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.

4.3. 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

4.4. 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 2021 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.

4.5. 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 due to *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, limit of detection of the method, 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

5.1. 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/pncoca/P4_Mataderos_otros.pdf

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

5.2. 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.

5.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

5.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

5.5. 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, limit of detection of the method, 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.

6.1. History of the disease and/or infection in the country^(a)

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 *Brucella melitensis*. 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. At human level, the surveillance of the disease is included in the National Epidemiological Surveillance Network, created according to Royal Decree 2210/1995 and updated according to the Ministerial Order SSI/445/2015. 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 until 2021, when the disease has been eradicated from bovines and small ruminants.

6.2. Evaluation of status, trends and relevance as a source for humans

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, until eradication. Raw milk only can be consumed if produced in herds free or officially free.

6.3. Any recent specific action in the Member State or suggested for the European Union^(b)

Spanish Programme on surveillance of bovine brucellosis 2021. Spanish Programme on surveillance of brucellosis in goats and sheep 2021. 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.

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.

6.4. Additional information

Spanish legislation on Brucellosis 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

7. Description of Monitoring/Surveillance/Control programmes system*: B.abortus in animal - Cattle (bovine animals)

7.1. Monitoring/Surveillance/Control programmes system^(a)

SAMPLING SCHEME

Sampling strategy

Sampling strategy is defined in Spanish Programme for Surveillance of Bovine Brucellosis, covering cattle according to Regulation (EU) 689/2020 (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

Sampling according Section 2 of Chapter 3 of Part I of Annex IV to Delegated Regulation (EU) 2020/689.

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, **B. melitensis** or **B. suis** 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 EURLAB protocols.

7.2. 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 Surveillance Programme.. Legal basis of the programme are Delegated Regulation (EU) 2020/689 and Royal Decree 2611/1996, at last amended.

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/programabb2021versionabril_tcm30-561035.pdf

Recent 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 isolation of *Brucella abortus* is confirmed, depopulation.

7.3. 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

7.4. 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 Surveillance Programme on Bovine Brucellosis show that the target of eradicate the disease by 2021 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.

7.5. Additional information

Status as officially free of bovine brucellosis during the reporting year: Free regions

All except the province of Caceres.

Relevance of the findings in animals to findings in foodstuffs and to human cases (as a source of infection).

*** 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, limit of detection of the method, 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

8.1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Sampling strategy is defined in Spanish Programme on surveillance of brucellosis in sheep and goats, according to Delegated Regulation (EU) 2020/689:- animals over 6 months of age. 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

According Section 2 of Chapter 4 of Part I of Annex IV to Delegated Regulation (EU) 2020/689.

Type of specimen taken

serum, blood, milk, organs/tissues

Methods of sampling (description of sampling techniques)

At herd level, in animals over 6 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 **abortus**, **B. melitensis** or **B. suis** isolation.

Diagnostic/analytical methods used

Rose Bengal test, agent isolation, Complement Fixation test following criteria laying down by EURLAB protocols.

8.2. Measures in place^(b)

Vaccination policy

Prohibited.

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 if breakdowns. Inspections and official control of the field veterinarians

Control program/mechanisms

The control program/strategies in place

Spain has an Surveillance Programme. Legal basis of the programme measures is Delegated Regulation (EU) 2020/689

Recent actions taken to control the zoonoses

- . 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

Measures in case of the positive findings or single cases

if isolation of *Brucella abortus* or *melitensis* depopulation.

8.3. 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

8.4. 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 implementation of Spanish Programme Surveillance of Brucellosis in Sheep and Goats allowed the detection of a recurrence of the disease with 9 outbreaks that were eradicated by the depopulation of all infected holdings.

8.5. Additional information

Status as officially free of ovine brucellosis during the reporting year

Whole territory of Spain

Relevance of the findings in animals to findings in foodstuffs and to human cases (as a source of infection)

*** 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, limit of detection of the method, 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

9.1. Monitoring/Surveillance/Control programmes system^(a)

see brucella melitensis in sheep

9.2. Measures in place^(b)

see brucella melitensis in sheep

9.3. Notification system in place to the national competent authority^(c)

see brucella melitensis in sheep

9.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

see brucella melitensis in sheep

9.5. 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, limit of detection of the method, 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

10.1. 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^o 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

10.2. Measures in place^(b)

Official controls performed by regional health authorities in every Autonomous Community.

10.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

10.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

10.5. 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, limit of detection of the method, 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.

11.1. 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.

11.2. 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 eggproducts, meat) and humans can be a source of infection. At animal level, in breeding flocks Spain have reached the community target in 2021 (0.12% positive flocks to 5 serovars).

In laying hens, adult flocks prevalence in 2021 was 2.63%.

In broiler flocks, the prevalence of *S. Enteritidis* and *S. Typhimurium* was 0.18% in 2021.

In breeding turkeys the prevalence of SE/ST, including monophasic strains in 2021 was 0%.

In fattening turkeys the prevalence of SE/ST, including monophasic strains in 2021 was 0.07%. 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.

11.3. Any recent specific action in the Member State or suggested for the European Union^(b)

Ministry of Agriculture, Fisheries and Food and AESAN are carrying out a Control Programme of *Salmonella* in poultry, eggs and eggproducts 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.

11.4. 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)

12.1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Samples are taken randomly (day of sampling each month) in 32 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 70%) in the year 2021.

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 413 slaughter batches have been tested in 2021. 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

12.2. Measures in place^(b)

The monitoring programme is implemented each 2 years.

12.3. Notification system in place to the national competent authority^(c)

12.4. 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 2021 was 5,3%

12.5. 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, limit of detection of the method, 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**

13.1. 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

13.2. 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 2021, approved by EU

https://ec.europa.eu/food/horizontal-topics/funding-procurement-grants/food-chain-funding/funding-animal-health-measures/national-veterinary-programmes_en

Recent actions taken to control the zoonoses

National Control and Monitoring Programme on Salmonella in broiler flocks 2021, 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

13.3. 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.

13.4. 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.

13.5. 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, limit of detection of the method, 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

14.1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Fattening herds

Samples are taken randomly (day of each month) in 20 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 (71, 59%%) in the year 2021.

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)

One faecal sample **at colon level is** 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 **423 batches were tested in 2021**. Samples were refrigerated immediately and sent to the laboratory and analysed within 24 hours.

Case definition

Fattening herds at slaughterhouse (herd based approach)

A slaughter batch is considered positive for the purpose of this survey if Salmonella spp. has been isolated from the pooled sample of faeces.

Diagnostic/analytical methods used

Fattening herds at slaughterhouse (herd based approach)

Bacteriological method: EN/ISO 6579-1

14.2. Measures in place^(b)

The monitoring programme is implemented each 2 years

14.3. Notification system in place to the national competent authority^(c)

14.4. 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

The slaughter batch prevalence was 50.8% in 2021.

14.5. 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, limit of detection of the method, 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).

**15. Description of Monitoring/Surveillance/Control programmes system*:
Salmonella ssp. in animal - Gallus gallus (fowl) - breeding flocks,
unspecified**

15.1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

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 6579-1EN/ISO 6579-1

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Rearing period
Bacteriological method: EN/ISO EN/ISO 6579-1EN/ISO 6579-1

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period
Bacteriological method: EN/ISO EN/ISO 6579-1EN/ISO 6579-1

15.2. 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 2021,

https://ec.europa.eu/food/horizontal-topics/funding-procurement-grants/food-chain-funding/funding-animal-health-measures/national-veterinary-programmes_en

Recent actions taken to control the zoonoses

Compulsory National Control Programme on Salmonella in Breeding Flocks of Gallus gallus 2021.

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 2021, 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

15.3. 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 637/2021 and Royal Decree 1940/2004.

15.4. 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 2021.

15.5. Additional information

Relevance of the findings in animals to findings in foodstuffs and to human cases (as a source of infection)

Breeding flocks for egg production can be considered a very low source of infection for humans, with no positive flock to Salmonella

*** 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, limit of detection of the method, 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).

16. Description of Monitoring/Surveillance/Control programmes system*: Salmonella spp. in Turkeys - breeding flocks and meat production flocks

16.1. 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

16.2. 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 2021

Meat production flocks

Spanish National Control Programme on Salmonella in Meat Production Flocks of Turkeys 2021 approved by

https://ec.europa.eu/food/horizontal-topics/funding-procurement-grants/food-chain-funding/funding-animal-health-measures/national-veterinary-programmes_en

Recent actions taken to control the zoonoses

Compulsory National Control Programme on Salmonella in Breeding Flocks and Meat Production Flocks of Turkeys 2021, following criteria of Regulation (EC) 1190/2012.

16.3. 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 8/2003, Royal Decree 637/2021 and Royal Decree 1940/2004.

16.4. 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 2021, Spain has achieved the community target in both (fattening turkeys and breeding turkeys).

16.5. 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, limit of detection of the method, 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

17.1. 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.

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting of **Salmonella** in imported food. The control of **Salmonella** in imported food is carried out according to an annual surveillance plan.

The Analytical reference method is: ISO 6579.

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_microbiolgcicos.pdf

https://www.sanidad.gob.es/profesionales/saludPublica/sanidadExterior/PNCOCA/PNCOCA_2021_2025.pdf

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

<https://www.sanidad.gob.es/profesionales/saludPublica/sanidadExterior/pncoca.htm>

17.2. 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

17.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

17.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

17.5. 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, limit of detection of the method, 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

18.1. 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. Epidemiology investigations show an association of cases to poultry meat consumption.

18.2. 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.

18.3. 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

18.4. 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)**

19.1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Samples have been taken randomly (day of sampling each month) at 32 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 (70%% in 2021).

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 414 slaughter batches were taken in 2021. 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.

Case definition

One slaughter batch was considered as positive if isolation of Campylobacter spp. by culture and identification by PCR

Diagnostic/analytical methods used

Isolation in agar mCCDA(Oxoid) and agar Campyfood (bioMerieux) and identification by PCR multiplex.

19.2. Measures in place^(b)

The monitoring programme will be implemented each 2 years

19.3. Notification system in place to the national competent authority^(c)

19.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Slaughter batch prevalence in 2021 was 38,3% **Campylobacter spp (C.coli 3,4%, C.jejuni 32,4% and C.jejuni+C.coli 2,4%)**

19.5. Additional information

Write text here please

*** 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, limit of detection of the method, 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).

20. Description of Monitoring/Surveillance/Control programmes system*: Thermophilic Campylobacter spp. in animal - Pigs - fattening pigs

20.1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Frequency of the sampling

1 faecal sample 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 20 slaughterhouses representing an important part of all the fattening pigs sacrificed in Spain (71,59% in 2021). A total 428 slaughter batches were taken in 2021. 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)

1 faecal material sample 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 (bioMérieux) and identification by PCR multiplex

20.2. Measures in place^(b)

The monitoring programme will be implemented each 2 years.

20.3. Notification system in place to the national competent authority^(c)

20.4. Results of investigations and national evaluation of the situation, the trends^(d) and sources of infection^(e)

The slaughter batch prevalence in 2021 was 49,1% Campylobacter spp (C.coli 47,6%, C.jejuni 1,2%, C.spp 0,0% and C.jejuni+C.coli 0.2%)

20.5. 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, limit of detection of the method, 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 -**

21.1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring is performed every 2 years (not in 2021).

21.2. Measures in place^(b)

21.3. Notification system in place to the national competent authority^(c)

21.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

21.5. 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, limit of detection of the method, 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 -**

22.1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring is performed every 2 years. (not in 2021)

22.2. Measures in place^(b)

22.3. Notification system in place to the national competent authority^(c)

22.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

22.5. 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, limit of detection of the method, 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).

23. Description of Monitoring/Surveillance/Control programmes system*: Campylobacter in foodstuff

23.1. 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.

In addition, the MS, through the Sub directorate of Foreign Health, is responsible for the monitoring and surveillance of Campylobacter in imported foodstuff.

23.2. Measures in place^(b)

Official controls performed by regional health authorities in every Autonomous Community. Objective surveillance in imported food is performed by the BCP's personal, coordinated by the MS, Sub directorate of Foreign Health.

23.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

23.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

23.5. 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, limit of detection of the method, 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.

24.1. 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.

24.2. 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.

24.3. 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.

24.4. 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

25.1. 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

In addition, **MS**, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting Listeria in imported food and responsible for the samples obtained from the BCP's. The surveillance of Listeria is based in an annual plan involving all BCP's.

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

https://www.sanidad.gob.es/profesionales/saludPublica/sanidadExterior/PNCOCA/PNCOCA_2021_2025.pdf

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

<https://www.sanidad.gob.es/profesionales/saludPublica/sanidadExterior/pncoca.htm>

25.2. 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.

25.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

25.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

25.5. 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, limit of detection of the method, 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*

26.1. History of the disease and/or infection in the country^(a)

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.

26.2. Evaluation of status, trends and relevance as a source for humans

National evaluation of the recent situation, the trends and sources of infection

26.3. Any recent specific action in the Member State or suggested for the European Union^(b)

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.

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.

26.4. Additional information

Spanish legislation on *Yersinia* 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

27. Description of Monitoring/Surveillance/Control programmes system*: Yersinia enterocolitica in animal – Pigs

27.1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Animals at slaughter (herd based approach)

Frequency of the sampling

Animals at slaughter (herd based approach)

Type of specimen taken

Animals at slaughter (herd based approach)

Methods of sampling (description of sampling techniques)

Animals at slaughter (herd based approach)

Case definition

Animals at slaughter (herd based approach)

Diagnostic/analytical methods used

Animals at slaughter (herd based approach)

27.2. Measures in place^(b)

27.3. Notification system in place to the national competent authority^(c)

27.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

27.5. 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, limit of detection of the method, 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).

28. Description of Monitoring/Surveillance/Control programmes system*: Yersinia spp. in foodstuff

28.1. Monitoring/Surveillance/Control programmes system^(a)

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

28.2. Measures in place^(b)

Official controls performed by regional health authorities in every Autonomous Community.

28.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

28.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

28.5. 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, limit of detection of the method, 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.

29.1. History of the disease and/or infection in the country^(a)

Trichinellosis is a notifiable zoonosis, cases are usually associated to outbreaks.

29.2. Evaluation of status, trends and relevance as a source for humans

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.

29.3. 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 (updated according to the Ministerial Order SSI/445/2015), 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.

29.4. 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 hygienepactices, 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

30.1. 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

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

30.2. 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.

30.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

30.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

30.5. 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, limit of detection of the method, 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.

31.1. 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 been carried out according to European legislation in force (Hygiene Package).

31.2. 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.

31.3. 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.

31.4. 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

32.1. 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

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

32.2. 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.

32.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

32.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

32.5. 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, limit of detection of the method, 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)

33.1. 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

33.2. 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, other countries of North Africa or countries of the Eastern Europe, where the disease is still present.

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 one in 2019.

33.3. 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 (updated according to the Ministerial Order SSI/445/2015), laying down the National Epidemiological Surveillance Network.

33.4. 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

34.1. 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, to be submerged in saline serum and glycerine in 50% solution and to be sent 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

34.2. Measures in place^(b)

Vaccination policy

Compulsory vaccination of dogs in 12 regions, Ceuta and Melilla.

Voluntary vaccination of dogs in 5 regions.

Other preventive measures than vaccination in place

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.

Control program/mechanisms

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

Recent actions taken to control the zoonoses

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.

Measures in case of the positive findings or single cases

Spanish National Contingency Plan against rabies.

34.3. 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 and Royal Decree 526/2014

34.4. 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 (with the exception of an animal that travelled to Morocco in 2013)

34.5. Additional information

Investigations of the human contacts with positive cases

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.

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.

*** 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, limit of detection of the method, 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)

35.1. History of the disease and/or infection in the country^(a)

Q fever is a zoonosis with widely extended in the world

35.2. Evaluation of status, trends and relevance as a source for humans

35.3. 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.

35.4. 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*: West Nile

36.1. History of the disease and/or infection in the country^(a)

In spite of West Nile virus circulation in Spain is known since 1980's, the first human case was identified retrospectively in a person who had clinical disease in 2004. It was formally included as a notifiable disease in 2015. Until 2019, only few sporadic human cases had been notified (2010 and 2016). In 2020 an unprecedented increase of human cases was observed. All human cases had been exposed in Southwest Spain, and there have been few cases also in 2021. It is the first time that human cases had occurred in 2 consecutive seasons.

36.2. Evaluation of status, trends and relevance as a source for humans

West Nile virus is known to be circulating in Southwest Spain in its zoonotic cycle. This poses a risk of human disease in people who are exposed in those areas, where the risk is considered to be moderate. There is a possibility of spread into new areas. The risk for humans is higher during mosquito season (from April to November), specially at the end of summer and beginning of autumn.

36.3. Any recent specific action in the Member State or suggested for the European Union^(b)

A National preparedness and response plan is being developed. Local Public Health agencies are also developing specific plans at their territories.

36.4. Additional information

The lineage identified in human cases in Spain to the date, has been lineage 1

*** 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. Description of Monitoring/Surveillance/Control programmes system*: West Nile in animals

37.1. Monitoring/Surveillance/Control programmes system^(a)

The National Surveillance Plan for West Nile Virus in animals was first developed and implemented in 2007. The plan is risk-based and focused on areas where there are favourable climatic and environmental conditions for the breeding and survival of the competent vector *Culex*, taking into account also the presence of migratory waterfowl spp described as possible reservoir, as they may play an important role in the spread of the virus between different geographical regions. Humid areas such as river basins, deltas or lakes with an abundance of migratory birds and mosquitoes are the optimal habitats for the circulation of the disease, and are therefore the areas considered at higher risk and the areas where surveillance is focused.

The surveillance plan also considers the equids as sentinels, mainly in the areas at higher risk, given they are more exposed to the bite of the vector than humans for being more in contact with the environment.

The results of the surveillance plan will determine the absence or presence of virus circulation, and, in the end, will inform for an effective response through the adoption of a series of preventive measures aimed at preventing the risk posed to animal health and the risk posed to public health.

The objectives of the surveillance plan are:

- To detect the presence of viral circulation in an area, so that the areas at higher risk in which the disease is present can be identified as soon as possible.
- To have information that allows to assess the risk of occurrence of the disease, in order to give an effective response to prevent impact on animal health and public health.

Sampling Strategy

The National Surveillance Plan includes surveillance in birds, equids and mosquitoes. Surveillance in equidae comprises a passive component based on awareness campaigns and the investigation of those animals showing symptoms compatible with the disease and active component based on systematic sampling from sentinel animals located in geographical areas considered to be at higher risk (mainly the areas near the Doñana National Park, the Ebro Delta and the wetlands of Catalonia, Valencia, Murcia and the Balearic Islands).

Given the seasonal nature of the disease, which coincides with the mosquito activity season, the plan is activated from March-April until late autumn.

Surveillance of birds is carried out in an attempt to early detect the presence of the virus, and covers active and passive surveillance in domestic and wild birds, also focused in high risk areas.

Surveillance of mosquitoes *Culex* is carried out with a double objective: identification and distribution of vectors and early detection of the virus.

Type of samples:

In domestic and wild birds:

- Active surveillance: serum samples, cloacal and/or tracheal swabs, and feather samples
- Passive surveillance: brain samples, cloacal and/or tracheal swabs, and feather samples.

In equids:

- Active surveillance: serum samples
- Passive surveillance: blood and serum samples. When possible, or in the event of animal death, cerebrospinal fluid and/or tissue/organ samples may be taken.

Case definition

- A suspected case complemented with a positive result for IgM by ELISA at the National Reference Laboratory.
- Positive RT-PCR result

Diagnostic/analytical methods used
SNT, Elisa IgM and IgG, and PCR

37.2. Measures in place^(b)

- Early notification of suspicions and confirmed cases.
- Strengthen passive surveillance in equine farms in the area where the virus has been detected
- Housing of animals during peak activity hours of vectors, as well as vector control measures in the environment in high risk areas, through the use of disinfectants.
- Vaccination of equines, especially in those areas considered to be at greater risk
- No animal restrictions are applicable.

37.3. Notification system in place to the national competent authority^(c)

According to Implementing Regulation 2020/2002 and by Animal Health Law 8/2003

37.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Between 2010 and 2022, lineage 1 of West Nile Virus has been detected in birds and in various equine holdings. In October 2017, lineage 2 of the virus was first detected in a bird, the common goshawk, which presented clinical symptoms, and was also detected in 2020 and 2021 in wild birds and 1 time in Culex.

From the phylogenetic results obtained to date in isolates from different years and geographical areas of circulating WNV viruses in Spain, it can be concluded that:

- Molecular and epidemiological data suggest that the first introduction of WNV in the western Mediterranean region was possibly through migratory birds.
- The WNV isolates characterized in Spain between 2007 and 2016 are distributed in at least two clusters within the group of isolates from the western Mediterranean (Wmed-1 and Wmed-2), of which the Wmed-2 cluster, which caused the first isolated from Spain, seems to have become extinct, at least in our territory, as no sequence after 2008 is grouped in it.
- The virus does not need new introductions from other territories to produce new outbreaks, given that it continues to circulate endemically in the Iberian Peninsula.
- Phylogenetic studies suggest at least 2 recent introductions in our country from other areas of the Mediterranean.
- Lineage 1 is currently present in Spain in the center and south of the peninsula and lineage 2 in the northeast.

37.5. Additional information

The following link includes additional information on the disease:

https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/sanidad-animal/enfermedades/fiebre-nilo-occidental/F_O_Nilo.aspx

The following link includes additional information on the disease and on the risk analysis carried out in Spain in September 2021 by the Coordinated Center for Alerts and Emergencies of the Ministry of Health in coordination with MAPA:

https://www.mscbs.gob.es/profesionales/saludPublica/ccayes/alertasActual/docs/20210902_ERR_Nilo_Occidental.pdf

*** 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, limit of detection of the method, 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).

38. General evaluation*: Toxoplasma spp.

38.1. 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 refer the 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%.

38.2. 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.

38.3. 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.

38.4. 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

39. General evaluation*: Verotoxigenic Escherichia coli (VTEC)

39.1. 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, 2019 and 2021 national active monitoring programmes have been performed in young cattle 1-2 years old at slaughterhouse under a herd based approach.

39.2. 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.

39.3. 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.

39.4. 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

40. Description of Monitoring/Surveillance/Control programmes system*: Verotoxigenic E. coli (VTEC) in animal - Cattle (bovine animals)

40.1. Monitoring/Surveillance/Control programmes system^(a)

Monitoring system

Sampling strategy

Samples have been taken randomly (day of sampling each month) in 32 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 70%) in the year 2021.

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

40.2. 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 2023.

40.3. Notification system in place to the national competent authority^(c)

40.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Number of slaughter batches analysed in 2021: 262

Positive:

VTEC isolated (animals) 96 (36,6%)

40.5. 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, limit of detection of the method, 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*: Verotoxigenic Escherichia coli (VTEC) in foodstuff

41.1. 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.

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting VTEC/STEC in imported food and responsible for the surveillance plan that annually carry out by the inspection staff at the BCP's.

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

https://www.sanidad.gob.es/profesionales/saludPublica/sanidadExterior/PNCOCA/PNCOCA_2021_2025.pdf

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

<https://www.sanidad.gob.es/profesionales/saludPublica/sanidadExterior/pncoca.htm>

41.2. 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

41.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

41.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

41.5. 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, limit of detection of the method, 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).

**42. Description of Monitoring/Surveillance/Control programmes system*:
Histamine in foodstuff**

42.1. 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

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and reporting Histamina in imported food and responsible for the surveillance plan that annually carry out by the inspection staff at the BCP's

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

https://www.sanidad.gob.es/profesionales/saludPublica/sanidadExterior/PNCOCA/PNCOCA_20_21_2025.pdf

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

<https://www.sanidad.gob.es/profesionales/saludPublica/sanidadExterior/pncoca.htm>

42.2. 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

42.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

42.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

42.5. 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, limit of detection of the method, 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*: Cronobacter in foodstuff

43.1. 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

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoca.htm

43.2. 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

43.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

43.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

43.5. 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, limit of detection of the method, 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. Description of Monitoring/Surveillance/Control programmes system*: Staphylococcal enterotoxins in foodstuff

44.1. 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

Results of investigations published in the Annual Report of MANCP are available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/informe_anual_pncoc_a.htm

44.2. 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

44.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

44.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

44.5. 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, limit of detection of the method, 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).

45. Description of Monitoring/Surveillance/Control programmes system*: Cisticercus spp.

45.1. 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

45.2. Measures in place^(b)

Official controls performed by regional health authorities in every Autonomous Community.

45.3. Notification system in place to the national competent authority^(c)

Yes. Please refer to Prevalence Tables

45.4. Results of investigations and national evaluation of the situation, the trends ^(d) and sources of infection^(e)

Detailed results of each Autonomous Community will be published by AESAN in the 2021 Zoonoses Data Analysis Report (Informe AESAN Análisis de Datos de Zoonosis 2021).

It will be available at:

https://www.aesan.gob.es/AECOSAN/web/seguridad_alimentaria/subseccion/vigilancia_zoonosis.htm

45.5. 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, limit of detection of the method,

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).

46. Food-borne Outbreaks

46.1. 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.

46.2. 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.)

46.3. National evaluation of the reported outbreaks in the country^(a)

In 2019 a total of 543 food-borne outbreaks (producing 7956 cases) have been reported to the National Epidemiological Surveillance Network in Spain.

46.4. 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.

46.5. 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. When the outbreak involved more than one Autonomous Region the coordination of the outbreak investigation is done at national level.

46.6. 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

46.7. Additional information

Information about places of food production and preparation is not available at national level.

(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.

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.

MS, Spanish Ministry of Health, through the Sub-directorate for Foreign Health, is the central competent authority for the monitoring and AMR in isolated strains founded in imported food and responsible for the samples obtained from the BCP's.

The **Central Veterinary Laboratory (CVL)** of MAPA 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.

The Public Health Laboratory (LSP) of the Autonomous Community of Valencia is involved in antimicrobial susceptibility testing of relevant isolated strains of *E.coli* for AMR in food.

The VISAVET Health Surveillance Centre is a centre for research support belonging to the Complutense University of Madrid and is involved in antimicrobial susceptibility testing of relevant isolated strains of *E.coli* and *Salmonella* for AMR in food.

The National Centre of Microbiology (CNM) of Charles III Institute (Ministry of Science and Innovation) is involved in antimicrobial susceptibility testing of relevant isolated strains of *Salmonella* and *Campylobacter* from human samples.

Short description of the institutions and laboratories involved in data collection and reporting

47. General Antimicrobial Resistance Evaluation

47.1 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

47.2 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.

47.3 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.

47.4 Any specific action decided in the Member State or suggestions to the European Union for actions to be taken against food-borne AMR threat

Write text here please

47.5 Additional information

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(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);

48. General Description of Antimicrobial Resistance Monitoring*; Salmonella spp. Poultry, unspecified

48.1 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 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2021 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; they 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 the results are sent to EFSA through the Data Collection Framework.

48.2. 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; they are sent to perform the antibiogram to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV)

48.3. 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.

48.4. Analytical method used for detection and confirmation^(b)

Isolation and identification according to EN/ISO 6579-1

48.5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring

They are established in Decision 2020/1729/EC.

Amikacin, ampicillin, azithromycin, cefotaxime, ceftazidime, 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 2020/1729/ 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.

48.6. Library preparation used

Write text here please

48.7. Version of the predictive tool

Write text here please

48.8. Results of investigation

Sent through DCF

48.9. 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

48. General Description of Antimicrobial Resistance Monitoring*; *Salmonella* spp. Pigs

48.1. 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 for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and comensal bacteria.

In 2021 Regional Authorities have collected **caecal samples of pigs** at slaughterhouse and have sent them to the National Reference Laboratory (Laboratorio Central de Veterinaria de Algete) for monitoring AMR.

Sampling frequency:

400 samples each two years, distributed in weekly samplings throughout the year and the different slaughterhouses selected throughout the country.

Type of specimen taken:

According to the Commission Implementing Decision 2020/1729/EU and EFSA Technical specifications, the type of samples taken are caecal samples from **pigs gathered at slaughterhouses**.

Sampling method:

In 2021 sampling was carried out at 20 slaughterhouses processing 71,59 % of pigs in Spain, starting with the slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly. 210 isolates have been obtained.

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.

48.2. 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.

48.3. 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 considered refers to 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.

48.4. Analytical method used for detection and confirmation^(b)

Detection, confirmation and serotyping performed by NRL. Confirmation is performed according to ISO 6579-1 method. Accreditation ENAC based on Standard: UNE-EN ISO/IEC 17025: 2005

48.5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring:

Established in Decision 2020/1729/EU

Amikacin, ampicillin, azithromycin, cefotaxime, ceftazidime, 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 Table 2 of Decision 2020/1729/ 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.

48.6. Library preparation used

Write text here please

48.7. Version of the predictive tool

Write text here please

48.8. Results of investigation

Sent through DCF

48.9. 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. Calves

49.1. 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 for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2021 Regional Authorities have collected **caecal samples of bovines < 1 year** at slaughterhouse and have sent them to the National reference Laboratory (Laboratorio Central de Veterinaria de Algete) to perform the isolation, identification and perform the antibiogram for monitoring AMR.

Sampling frequency:

400 samples each 2 years, distributed in weekly samplings throughout the year and the different slaughterhouses selected throughout the country. In Spain, prevalence is below 30% according to previous monitoring programmes, so 400 samples is the target of the sampling.

Type of specimen taken:

According to the Commission Implementing Decisions 2020/1729/EU and EFSA Technical specifications, type of samples taken are caecal samples gathered at slaughter from calves < 1 year.

Sampling method:

In 2021 sampling was carried out at 32 slaughterhouses processing 70% of calves in Spain, starting with the slaughterhouses of largest throughput. Sampling is distributed monthly and the day of sampling is selected randomly.

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.

49.2. 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.

49.3. 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 considered refers to 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.

49.4. Analytical method used for detection and confirmation^(b)

Detection, confirmation and serotyping performed by NRL. Confirmation is performed according to ISO 6579-1 method. Accreditation ENAC based on Standard: UNE-EN ISO/IEC 17025: 2005

49.5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring:

Established in Decision 2020/1729/EU

Amikacin, ampicillin, azithromycin, cefotaxime, ceftazidime, 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 Table 2 of Decision 2020/1729/ 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.

49.6. Library preparation used

Write text here please

49.7. Version of the predictive tool

Write text here please

49.8. Results of investigation

Sent through DCF

49.9. 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

50.1 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 2021/1729/652/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and comensal bacteria.

In 2021 several caecal samples from pigs were gathered at slaughterhouses, due to 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. The samples were sent to the National reference Laboratory (Laboratorio Central de Veterinaria- LCV) in order to isolate, identify and perform the antibiogram.

Frequency of the sampling

400 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 2021/1729/EU and Technical specifications, the type of samples taken are caecal samples from pigs gathered at slaughterhouses.

Methods of sampling (description of sampling techniques)

In 2021 sampling was carried out at 20 slaughterhouses processing 71,59 % 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

201 isolates of C. coli and 5 of C. jejuni were detected 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 the results are sent to EFSA through the Data Collection Framework.

50.2 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.

50.3. 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 considered refers to 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.

50.4. 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

50.5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring

Established in Decision 2020/1729/EU

Chloramphenicol, ciprofloxacin, ertapenem, erythromycin, , gentamicin, tetracycline

Cut-off values used in testing

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Table 3 of Decision 2020/1729/ 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.

50.6. Library preparation used

Write text here please

50.7. Version of the predictive tool

Write text here please

50.8. Results of investigation

Sent through DCF

50.9. 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

51.1 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 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2021 several caecal samples from calves were gathered at slaughterhouses due to the the production of calve`s 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

400 samples each two years, distributed in weekly samplings throughout the year and the different slaughterhouses throughout the country.

Type of specimen taken

According to the Commission Implementing Decisions 2020/1729/EU and Technical specifications, type of samples taken are caecal samples gathered at slaughter from calves.

Methods of sampling (description of sampling techniques)

In 2021 sampling was carried out at 32 slaughterhouses processing 70% 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

134 C. jejuni and 14 C. Coli were detected from samples selected randomly, to get an even distribution over the year, and they were sent 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 the results are sent to EFSA through the Data Collection Framework.

51.2 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.

51.3. 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.

51.4. 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

51.5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring
Established in Decision 2020/1729/EU
Chloramphenicol, ciprofloxacin, ertapenem, erythromycin, , gentamicin, tetracycline

Cut-off values used in testing
The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Table 2 of Decision 20120/1729 / 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.

51.6. Library preparation used

Write text here please

51.7. Version of the predictive tool

Write text here please

51.8. Results of investigation

Sent through DCF

51.9. 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

52.1 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 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2021 several caecal samples from calves were gathered at slaughterhouses 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:

400 samples per year for ESBL-, AmpC- and carbapenemase-producing Escherichia coli and 400 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 2020/1729EU 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 32 slaughterhouses processing 70% 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 413 isolates of indicator commensal E. coli were selected randomly, to get an even distribution over the year, to AST.

In 2021 413 samples were tested for ESBL-, AmpC- and carbapenemase-producing Escherichia coli, but only the positive ones are sent to EFSA through DCF.

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 the results are sent to EFSA by the Data Collection Framework.

52.2 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.

52.3. 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.

52.4. Analytical method used for detection and confirmation^(b)

Inoculation of Agar McConkey and incubation at 37°C during 18-20h.
Identification by PCR

52.5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring:

They are established in Decision 2020/1729/EC.

Amikacin, ampicillin, azithromycin, cefotaxime, ceftazidime, 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 2020/1729 / 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.

52.6. Library preparation used

Write text here please

52.7. Version of the predictive tool

Write text here please

52.8. Results of investigation

Sent through DCF

52.9. 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

53.1 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 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

In 2021 several caecal samples from pigs were gathered at slaughterhouses, 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:

400 samples per year for ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* and 400 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 2020/1729/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 20 slaughterhouses processing 71,59 % 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 400 isolated indicator commensal *E. coli* were selected randomly, to get an even distribution over the year, to AST.

In 2021, 423 samples were tested for ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* but only the positive ones were sent through DCF.

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 the results are sent to EFSA through the Data Collection Framework.

53.2 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.

53.3. 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.

53.4. Analytical method used for detection and confirmation^(b)

Inoculation of Agar McConkey and incubation at 37°C during 18-20h.
Identification by PCR

53.5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring:

They are established in Decision 2020/1729/EC.

Amikacin, ampicillin, azithromycin, cefotaxime, ceftazidime, 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 2020/1729 / 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.

53.6. Library preparation used

Write text here please

53.7. Version of the predictive tool

Write text here please

53.8. Results of investigation

Sent through DCF

53.9. 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

54.1 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.

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 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

The Autonomous Community of Valencia has collected 35 of the 300 national samples of bovine fresh meat at retail and has sent them to be serotyped to its reference laboratory (the Public Health Laboratory (LSP) for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

The Ministry of Health, through Subdirectorate of Foreign Health, has collected 35 samples of meat at different BCP's, and has sent them to be analysed to its designated official laboratory VISAVET, for monitoring AMR according to the Decision 2020/1729/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. 8 strains of *E.coli* were isolated by CNA from bovine fresh meat.

According to the Commission Implementing Decision 2020/1729 and Technical specifications, the frequency of sampling in BCP's for fresh bovine meat was fixed in approximately 2%.

Type of specimen taken:

According to the Commission Implementing Decision 2020/1729 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.

Samples were taken randomly at BCP's according to an established frequency 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) and inoculating one loopful (10 µl loop) of

the incubated preenrichment culture in BPW onto suitable selective agars for the isolation of presumptive carbapenemase producing *E.coli*. Reference PROTOCOL for selective isolation of presumptive ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* from fresh meat Version 7 (December 2019)

Methods used for data collection:

AESAN uses the Excel Tool provided by EFSA for reporting AMR data.

CNA (AESAN's NRL) introduces the AMR data in the Excel Tool.

MS uses the Excel Tool provided by EFSA for reporting AMR data from BCP's

54.2 Stratification procedure per animal population and food category

The criteria for the selection of the autonomous communities to collect the samples are based on 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.

The criteria followed by the Ministry of Health ensured a homogeneous distribution of samples under time, following the frequency recommendations of the Commission. In addition, it provided a stratified sampling without pre-selecting samples by its origin.

The established criteria by the Autonomous Community of Valencia ensure a proportionate stratified sampling of the 35 samples assigned by the National Authority of the bovine fresh meat taken at retail without pre-selecting samples on the origin of the food.

54.3. Randomisation procedure per animal population and food category

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 bovine meat at retail trade and the CNA (NRL) isolates *E.coli* strains and performs the antibiogram.

The BCP's Inspection Services under the coordination of the Ministry of Health take samples of imported fresh bovine meat at BCP level and the VISAVET Laboratory performs the isolation of *E.Coli* strains and the antibiogram.

In the Autonomous Community of Valencia the sample collection has been distributed between the two assigned provinces.

54.4. Analytical method used for detection and confirmation^(b)

Laboratory methodology:

- Isolation of ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* from fresh meat Version 7 (December 2019).
 - Biochemical probes for the detection and confirmation of isolated strains of presumptive ESBL, AmpC and carbapenemase producing *E.coli*
- Antimicrobial Sensitivity Test by microdilution for the phenotypical characterization of resistance based on ISO 20776.
- NRL, Centro Nacional de Alimentación (CNA), VISAVET and LSP.

54.5. Laboratory methodology used for detection of antimicrobial resistance^(C)

Antimicrobials included in monitoring:

Amikacin, ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim, cefepime, ceftazidime, ertapenem, imipenem and temocilin.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in Decision 2020/1729EU to determine the sensitivity of *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: 2019) .EN 14.11.2013 Official Journal of the European Union L 303/33.

54.6. Library preparation used

Write text here please

54.7. Version of the predictive tool

Write text here please

54.8. Results of investigation

Sent through DCF

54.9. 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

55. General Description of Antimicrobial Resistance Monitoring*, *Escherichia coli*, non-pathogenic in fresh pig meat

55.1 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.

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 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

The Ministry of Health, through Subdirectorate of Foreign Health, has collected 1 sample of meat at BCP's level, and has sent it to be analysed to its designated official laboratory VISAVET, for monitoring AMR according to the Decision 2020/1729/EU on the monitoring and reporting of antimicrobial resistance in zoonotic and commensal bacteria.

The Autonomous Community of Valencia has collected 35 of the 300 national samples of pig fresh meat at retail and has sent them to be serotyped to its reference laboratory (the Public Health Laboratory (LSP) for monitoring AMR according to the Decision 2020/1729/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. 52 strains of *E.coli* were isolated by CNA from pig fresh meat.

According to the Commission Implementing Decision 2020/1729 and Technical specifications, the frequency of sampling in BCP's for fresh pig meat was fixed in approximately 10%. Although, due to the lack of enough imported fresh pig meat susceptible for analysis, only one sample was taking at BCP level.

The Autonomous Community of Valencia collected 35 of the 300 national samples, uniformly distributed throughout the year and 4 strains of *E.coli* were isolated by the LSP from pig fresh meat.

Type of specimen taken:

According to the Commission Implementing Decisions 2020/1729 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.

Samples were took randomly at BCP's according to an established frequency 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) and inoculating one loopful (10 µl loop) of the incubated preenrichment culture in BPW onto suitable selective agars for the isolation of presumptive carbapenemase producing *E.coli*. Reference PROTOCOL for selective isolation of presumptive ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* from fresh meat Version 7 (December 2019).

Methods used for data collection:

AESAN uses the Excel Tool provided by EFSA for reporting AMR data.

CNA (AESAN's NRL) introduces the AMR data in the Excel Tool.

MS uses the Excel Tool provided by EFSA for reporting AMR data from BCP's

55.2 Stratification procedure per animal population and food category

The criteria for the selection of the autonomous communities to collect the samples are based on 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.

The criteria followed by the Ministry of Health, provided a stratified sampling without pre-selecting samples by its origin.

The established criteria by the Autonomous Community of Valencia ensure a proportionate stratified sampling of the 35 samples assigned by the National Authority of the pig fresh meat taken at retail without pre-selecting samples on the origin of the food.

55.3. Randomisation procedure per animal population and food category

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 pig meat at retail trade and the CNA (NRL) isolates *E.coli* strains and performs the antibiogram.

The BCP's Services under the coordination of the Ministry of Health take samples of imported fresh pig meat at BCP level and the VISAVET Laboratory performs the isolation of E.Coli strains and the antibiogram.

In the Autonomous Community of Valencia the sample collection has been distributed between the two assigned provinces.

55.4. Analytical method used for detection and confirmation^(b)

Laboratory methodology:

- Isolation of ESBL-, AmpC- and carbapenemase-producing *Escherichia coli* from fresh meat Version 7 (December 2019).
- Biochemical probes for the detection and confirmation of isolated strains of presumptive ESBL, AmpC and carbapenemase producing *E.coli*

Antimicrobial Sensitivity Test by microdilution for the phenotypical characterization of resistance based on ISO 20776.

NRL, Centro Nacional de Alimentación (CNA), VISAVET and LSP.

55.5. Laboratory methodology used for detection of antimicrobial resistance^(c)

Antimicrobials included in monitoring:

Amikacin, ampicillin, azithromycin, cefotaxim, ceftazidim, chloramphenicol, ciprofloxacin, colistin, gentamicin, meropenem, nalidixic acid, sulfamethoxazole, tetracycline, tigecycline, trimethoprim, cefepime, ceftazidim, ertapenem, imipenem and temocilin.

Cut-off values used in testing:

The results of antibiotics are interpreted using the epidemiological cut-off values and concentration ranges given in the Decision 2020/1729 EU to determine the sensitivity of *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: 2019) .EN 14.11.2013 Official Journal of the European Union L 303/33.

55.6. Library preparation used

Write text here please

55.7. Version of the predictive tool

Write text here please

55.8. Results of investigation

Sent through DCF

55.9. 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