

France

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 2017

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 France during the year 2017.

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)	192,547	18,769,564
	Cattle (bovine animals) - adult cattle over 2 years		10,174,693
	Cattle (bovine animals) - calves (under 1 year)		3,366,871
	Cattle (bovine animals) - young cattle (1-2 years)		5,228,000
Ducks	Ducks - foie gras production flocks		10,207,000
Gallus gallus (fowl)	Gallus gallus (fowl)		243,784,000
Goats	Goats		1,076,855
Guinea fowl	Guinea fowl		10,029,000
Pigs	Pigs	17,620	14,539,105
	Pigs - breeding animals		1,140,690
	Pigs - fattening pigs		8,964,009
Quails	Quails		8,421,000
Sheep	Sheep		5,584,132
Sheep and goats	Sheep and goats	108,465	
Solipeds, domestic	Solipeds, domestic		1,063,654
Turkeys	Turkeys		20,125,000

DISEASE STATUS TABLES

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

Region	Number of animals serologically tested under investigations of suspect cases	Number of suspended herds under investigations of suspect cases	Number of seropositive animals under investigations of suspect cases	Number of animals positive to BST under investigations of suspect cases	Number of animals positive in microbiological testing under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Number of herds tested under surveillance	Number of animals tested under surveillance	Total number of herds	Number of herds tested under surveillance by bulk milk	Number of animals or pools tested under surveillance by bulk milk	Number of infected herds tested under surveillance by bulk milk	Number of notified abortions whatever cause	Number of isolations of Brucella infections	Number of abortions due to Brucella abortus	Number of animals tested by microbiology under investigations of suspect cases
FRANCE	47,251	67	17	4	0	192,476	0	108,382	1,458,907	192,547	54,120	58,346	0	46,678	0	0	8

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

Region	Number of animals positive in microbiological testing under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of herds tested under surveillance	Number of animals tested under surveillance	Total number of herds	Number of infected herds tested under surveillance
FRANCE	0	108,377	0	6,660,987	25,408	1,008,661	108,465	0

DISEASE STATUS TABLES

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

Region	Number of herds with status officially free	Number of infected herds	Total number of animals	Interval between routine tuberculin tests	Number of animals tested with tuberculin routine testing	Number of tuberculin tests carried out before the introduction into the herds	Number of animals with suspicious lesions of tuberculosis examined and submitted to histopathological and bacteriological examinations	Total number of herds
FRANCE	191,441	95	18,769,564	12	683,921	117,764	676	192,547

PREVALENCE TABLES

Table Anisakis:ANISAKIS in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Fish - raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	200	Gram	Visual inspection	208	89	Anisakis	89

Table Brucella:BRUCELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	All animals - farmed - Natural habitat - France - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling	Not Available	herd/flock	1	1	Brucella	1
	Hares - wild - Hunting - France - animal sample - organ/tissue - Surveillance - Not applicable - Suspect sampling	Not Available	animal	5	5	Brucella suis - biovar 2	5
	Mountain goats - wild - Natural habitat - France - animal sample - organ/tissue - Surveillance - Not applicable - Suspect sampling	Not Available	animal	27	7	Brucella melitensis - biovar 3	7
	Pigs - breeding animals - not raised under controlled housing conditions - Farm - France - animal sample - lymph nodes - Clinical investigations - Official sampling - Suspect sampling	Not Available	herd/flock	5	5	Brucella suis - biovar 2	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	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 - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	3	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Not Available - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	ISO 10272-1:2006 Campylobacter	327	162	Campylobacter	162
	Meat from broilers (Gallus gallus) - offal - liver - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	81	60	Campylobacter coli	7
								Campylobacter jejuni	25
								Campylobacter, unspecified sp.	28
	Meat from broilers (Gallus gallus) - offal - unspecified - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	32	9	Campylobacter coli	3
								Campylobacter jejuni	3
								Campylobacter, unspecified sp.	3
	Meat from duck - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	7	0	Campylobacter	0
	Meat from duck - meat products - raw and intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	7	0	Campylobacter	0
	Meat from duck - offal - liver - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	6	2	Campylobacter jejuni	1
								Campylobacter, unspecified sp.	1
	Meat from duck - offal - unspecified - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	44	2	Campylobacter coli	1
								Campylobacter, unspecified sp.	1
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	1	0	Campylobacter	0
	Meat from poultry, unspecified - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	4	0	Campylobacter	0
	Meat from poultry, unspecified - offal - liver - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	40	22	Campylobacter coli	3
								Campylobacter jejuni	9
								Campylobacter, unspecified sp.	10
	Meat from poultry, unspecified - offal - unspecified - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	41	3	Campylobacter coli	1
								Campylobacter, unspecified sp.	2
	Meat from rabbit - offal - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	1	0	Campylobacter	0
	Meat from turkey - fresh - Retail - Not Available - food sample - meat - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	ISO 10272-1:2006 Campylobacter	327	150	Campylobacter	150

Table Echinococcus:ECHINOCOCCUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
FRANCE	Cats - Natural habitat - France - animal sample - faeces - Survey - Not applicable - Convenient sampling	Not Available	animal	25	0	Echinococcus multilocularis	0
	Dogs - Natural habitat - France - animal sample - faeces - Survey - Not applicable - Convenient sampling	Not Available	animal	179	0	Echinococcus multilocularis	0
	Foxes - wild - Natural habitat - France - animal sample - faeces - Survey - Not applicable - Convenient sampling	Not Available	animal	379	76	Echinococcus multilocularis	76
	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	504	161	Echinococcus multilocularis	161
	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Suspect sampling	Not Available	animal	140	118	Echinococcus multilocularis	118
	Voies - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	482	5	Echinococcus multilocularis	5
Val-d'Oise	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	9	1	Echinococcus multilocularis	1
Aube	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Suspect sampling	Not Available	animal	10	10	Echinococcus multilocularis	10
Marne	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	58	21	Echinococcus multilocularis	21
	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Suspect sampling	Not Available	animal	21	21	Echinococcus multilocularis	21
Oise	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	37	3	Echinococcus multilocularis	3
Cher	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	43	1	Echinococcus multilocularis	1
	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Suspect sampling	Not Available	animal	8	1	Echinococcus multilocularis	1
Calvados	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	98	13	Echinococcus multilocularis	13
	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Suspect sampling	Not Available	animal	19	13	Echinococcus multilocularis	13
Nord (NUTS level 3)	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Suspect sampling	Not Available	animal	19	19	Echinococcus multilocularis	19
Pas-de-Calais	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Suspect sampling	Not Available	animal	12	5	Echinococcus multilocularis	5
Meurthe-et-Moselle	Cats - Natural habitat - France - animal sample - faeces - Survey - Not applicable - Convenient sampling	Not Available	animal	25	0	Echinococcus multilocularis	0
	Dogs - Natural habitat - France - animal sample - faeces - Survey - Not applicable - Convenient sampling	Not Available	animal	179	0	Echinococcus multilocularis	0
	Foxes - wild - Natural habitat - France - animal sample - faeces - Survey - Not applicable - Convenient sampling	Not Available	animal	370	76	Echinococcus multilocularis	76
	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	28	13	Echinococcus multilocularis	13
Meuse	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	21	6	Echinococcus multilocularis	6
Vosges	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	94	51	Echinococcus multilocularis	51
Jura (Franche-Comté)	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	91	49	Echinococcus multilocularis	49
	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Suspect sampling	Not Available	animal	51	49	Echinococcus multilocularis	49
Ain (NUTS level 3)	Foxes - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	25	3	Echinococcus multilocularis	3
Provence-Alpes-Côte d'Azur	Foxes - wild - Natural habitat - France - animal sample - faeces - Survey - Not applicable - Convenient sampling	Not Available	animal	9	0	Echinococcus multilocularis	0
Hautes-Alpes	Voies - wild - Natural habitat - France - animal sample - organ/tissue - Survey - Not applicable - Objective sampling	Not Available	animal	482	5	Echinococcus multilocularis	5

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	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Meat from bovine animals - minced meat - Processing plant - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	595	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Seeds, sprouted - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	130	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	5	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Spices and herbs - fresh - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - leaves - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	218	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	8	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - Official sampling - Selective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	3	0	Verocytotoxi genic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Table FLAVIVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Vaccination status	Method	Total units tested	Total units positive	Zoonoses	N of units positive
FRANCE	Birds - wild - Natural habitat - France - animal sample - blood - Survey - Official sampling - Convenient sampling	animal	Not Available	PCR	47	0	West Nile virus	0
	Birds - wild - Natural habitat - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	Not Available	PCR	8	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	140	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	4	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - blood - Survey - Official sampling - Convenient sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	151	1	West Nile virus	1
	Solipeds, domestic - horses - Farm - France - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	2	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	6	0	West Nile virus	0
Seine-et-Marne	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	6	0	West Nile virus	0
Yvelines	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Val-de-Marne	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Aisne	Birds - wild - Natural habitat - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	Not Available	PCR	2	0	West Nile virus	0
Oise	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Eure	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Cher	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Indre-et-Loire	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	1	0	West Nile virus	0
Loiret	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	2	0	West Nile virus	0
Calvados	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	7	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	1	0	West Nile virus	0
Manche	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Orne	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	8	0	West Nile virus	0
Saône-et-Loire	Solipeds, domestic - horses - Farm - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	1	0	West Nile virus	0
Yonne	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	2	0	West Nile virus	0
Pas-de-Calais	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	2	0	West Nile virus	0
Meurthe-et-Moselle	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Meuse	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Moselle	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	9	0	West Nile virus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Vaccination status	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Moselle	Solipeds, domestic - horses - Farm - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect	animal	Unknown	PCR	1	0	West Nile virus	0
Jura (Franche-Comté)	Birds - wild - Natural habitat - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	Not Available	PCR	2	0	West Nile virus	0
Loire-Atlantique	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	4	0	West Nile virus	0
Maine-et-Loire	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Mayenne	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	2	0	West Nile virus	0
Côtes-d'Armor	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	2	0	West Nile virus	0
Finistère	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Ille-et-Vilaine	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	3	0	West Nile virus	0
Charente	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Charente-Maritime	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	2	0	West Nile virus	0
Vienne	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	1	0	West Nile virus	0
Gironde	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	3	0	West Nile virus	0
Landes	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Ariège	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Haute-Garonne	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	5	0	West Nile virus	0
Corrèze	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Ain (NUTS level 3)	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Ardèche	Birds - wild - Natural habitat - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	Not Available	PCR	1	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Drôme	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	33	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	1	0	West Nile virus	0
Isère	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Loire	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect	animal	Unknown	PCR	1	0	West Nile virus	0
Rhône	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	10	0	West Nile virus	0
Haute-Savoie	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	2	0	West Nile virus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Vaccination status	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Puy-de-Dôme	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	2	0	West Nile virus	0
Gard	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	3	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	1	0	West Nile virus	0
Hérault	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	1	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	1	0	West Nile virus	0
Pyrénées-Orientales	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Alpes-Maritimes	Birds - wild - Natural habitat - France - animal sample - blood - Survey - Official sampling - Convenient sampling	animal	Not Available	PCR	47	0	West Nile virus	0
	Birds - wild - Natural habitat - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	Not Available	PCR	3	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - France - animal sample - blood - Survey - Official sampling - Convenient sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	151	1	West Nile virus	1
	Solipeds, domestic - horses - Farm - France - animal sample - organ/tissue - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	1	0	West Nile virus	0
Bouches-du-Rhône	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	6	0	West Nile virus	0
Var	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	2	0	West Nile virus	0
Vaucluse	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	3	0	West Nile virus	0
Corse	Solipeds, domestic - horses - Farm - France - animal sample - blood - Surveillance - Official sampling - Suspect sampling	animal	Unknown	IgM-capture ELISA (MAC-ELISA)	1	0	West Nile virus	0
Guyane (NUTS 2013 level 3)	Solipeds, domestic - horses - Farm - France - animal sample - brain - Surveillance - Official sampling - Suspect sampling	animal	Unknown	PCR	1	0	West Nile virus	0

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	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Fish - raw - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	5	Gram	321	8	<= 100	Histamine	0	313
							> 100 TO <= 200	Histamine	0	2
							>200	Histamine	0	6

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	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Bakery products - desserts - containing raw eggs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	6	0	detection	Listeria monocytogenes	6	0
	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Cereals and meals - flakes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	8	0	detection	Listeria monocytogenes	8	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	450	0	detection	Listeria monocytogenes	450	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	505	0	detection	Listeria monocytogenes	505	0
	Cheeses made from cows' milk - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	680	2	<= 100	Listeria monocytogenes	680	0
							>100	Listeria monocytogenes	680	2
	Cheeses made from cows' milk - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	680	2	detection	Listeria monocytogenes	680	2
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	2	0	detection	Listeria monocytogenes	2	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 - Selective sampling	single (food/feed d)	25	Gram	190	1	<= 100	Listeria monocytogenes	190	0
							>100	Listeria monocytogenes	190	1
	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 - Selective sampling	single (food/feed d)	25	Gram	190	1	detection	Listeria monocytogenes	190	1
	Cheeses made from goats' milk - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	42	0	detection	Listeria monocytogenes	42	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	2	0	detection	Listeria monocytogenes	2	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 - Selective sampling	single (food/feed d)	25	Gram	83	0	detection	Listeria monocytogenes	83	0
	Cheeses made from sheep's milk - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	15	0	detection	Listeria monocytogenes	15	0
	Cocoa and cocoa preparations, coffee and tea - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	10	0	detection	Listeria monocytogenes	10	0
	Coconut - coconut products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Crustaceans - unspecified - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	75	0	detection	Listeria monocytogenes	75	0
	Crustaceans - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	42	0	detection	Listeria monocytogenes	42	0
	Dairy products (excluding cheeses) - cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	6	0	detection	Listeria monocytogenes	6	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	254	0	detection	Listeria monocytogenes	254	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Egg products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	3	0	detection	Listeria monocytogenes	3	0
	Eggs - table eggs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	15	0	detection	Listeria monocytogenes	15	0
	Fish - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	656	6	<= 100	Listeria monocytogenes	656	6
							>100	Listeria monocytogenes	656	0
	Fish - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	656	6	detection	Listeria monocytogenes	656	6
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	721	7	<= 100	Listeria monocytogenes	721	5
							>100	Listeria monocytogenes	721	2
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	721	7	detection	Listeria monocytogenes	721	7
	Fish - raw - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	25	0	detection	Listeria monocytogenes	25	0
							<= 100	Listeria monocytogenes	798	7
	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	798	7	>100	Listeria monocytogenes	798	0
							detection	Listeria monocytogenes	798	7
	Fish - smoked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	798	7	detection	Listeria monocytogenes	798	7
	Fishery products, unspecified - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	21	0	detection	Listeria monocytogenes	21	0
							<= 100	Listeria monocytogenes	18	1
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	18	1	>100	Listeria monocytogenes	18	0
							detection	Listeria monocytogenes	18	1
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	18	1	detection	Listeria monocytogenes	18	1
	Fishery products, unspecified - seafood pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	217	1	<= 100	Listeria monocytogenes	217	1
							>100	Listeria monocytogenes	217	0
	Fishery products, unspecified - seafood pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	217	1	detection	Listeria monocytogenes	217	1
	Fruits - edible part - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	117	0	detection	Listeria monocytogenes	117	0
							detection	Listeria monocytogenes	8	0
	Fruits - pre-cut - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	8	0	detection	Listeria monocytogenes	8	0
	Fruits - products - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
							detection	Listeria monocytogenes	110	0
	Fruits - products - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	110	0	detection	Listeria monocytogenes	110	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	379	0	detection	Listeria monocytogenes	379	0
							detection	Listeria monocytogenes	7	0
	Infant formula - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	7	0	detection	Listeria monocytogenes	7	0
	Juice - fruit juice - pasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	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	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Juice - fruit juice - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	102	0	detection	Listeria monocytogenes	102	0
	Juice - mixed juice - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
	Meat from bovine animals - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	34	1	<= 100	Listeria monocytogenes	34	1
							>100	Listeria monocytogenes	34	0
	Meat from bovine animals - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	34	1	detection	Listeria monocytogenes	34	1
	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 - Selective sampling	single (food/fee d)	25	Gram	118	0	detection	Listeria monocytogenes	118	0
	Meat from bovine animals - meat products - unspecified, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	56	0	detection	Listeria monocytogenes	56	0
	Meat from bovine animals - offal - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	57	2	<= 100	Listeria monocytogenes	57	2
							>100	Listeria monocytogenes	57	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	57	2	detection	Listeria monocytogenes	57	2
	Meat from broilers (Gallus gallus) - offal - liver - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
	Meat from duck - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	10	0	detection	Listeria monocytogenes	10	0
	Meat from duck - meat products - raw and intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	10	0	detection	Listeria monocytogenes	10	0
	Meat from duck - meat products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	162	0	detection	Listeria monocytogenes	162	0
	Meat from duck - offal - liver - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	10	0	detection	Listeria monocytogenes	10	0
	Meat from duck - offal - unspecified - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Meat from horse - meat products - raw and intended to be eaten raw - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	196	4	<= 100	Listeria monocytogenes	196	3
							>100	Listeria monocytogenes	196	1
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	196	4	detection	Listeria monocytogenes	196	4
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	330	7	<= 100	Listeria monocytogenes	330	5
							>100	Listeria monocytogenes	330	2
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	330	7	detection	Listeria monocytogenes	330	7
	Meat from pig - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	93	2	<= 100	Listeria monocytogenes	93	2
							>100	Listeria monocytogenes	93	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from pig - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	93	2	detection	Listeria monocytogenes	93	2
	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	283	3	<= 100	Listeria monocytogenes	283	3
							>100	Listeria monocytogenes	283	0
	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	283	3	detection	Listeria monocytogenes	283	3
	Meat from pig - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	321	0	detection	Listeria monocytogenes	321	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	246	0	detection	Listeria monocytogenes	246	0
	Meat from pig - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	366	1	<= 100	Listeria monocytogenes	366	1
							>100	Listeria monocytogenes	366	0
	Meat from pig - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	366	1	detection	Listeria monocytogenes	366	1
	Meat from pig - meat products - raw ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	86	0	detection	Listeria monocytogenes	86	0
	Meat from pig - meat products - unspecified, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	1044	5	<= 100	Listeria monocytogenes	1,044	5
							>100	Listeria monocytogenes	1,044	0
	Meat from pig - meat products - unspecified, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	1044	5	detection	Listeria monocytogenes	1,044	5
	Meat from pig - offal - liver - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
	Meat from pig - offal - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	7	0	detection	Listeria monocytogenes	7	0
	Meat from poultry, unspecified - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	93	3	<= 100	Listeria monocytogenes	93	3
							>100	Listeria monocytogenes	93	0
	Meat from poultry, unspecified - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	93	3	detection	Listeria monocytogenes	93	3
	Meat from poultry, unspecified - meat products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	165	0	detection	Listeria monocytogenes	165	0
	Meat from poultry, unspecified - offal - liver - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	11	0	detection	Listeria monocytogenes	11	0
	Meat from rabbit - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	48	0	detection	Listeria monocytogenes	48	0
	Meat from rabbit - offal - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
	Meat from sheep - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	17	1	<= 100	Listeria monocytogenes	7	1
							>100	Listeria monocytogenes	7	0
	Meat from sheep - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	17	1	detection	Listeria monocytogenes	7	1
	Meat, mixed meat - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	108	0	detection	Listeria monocytogenes	108	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Milk, cows' - raw milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Milk, cows' - UHT milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	10	0	detection	Listeria monocytogenes	10	0
	Molluscan shellfish - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	7	0	detection	Listeria monocytogenes	7	0
	Nuts and nut products - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	1	0	detection	Listeria monocytogenes	1	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 - Selective sampling	single (food/fee d)	25	Gram	9	0	detection	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	179	1	<= 100	Listeria monocytogenes	179	1
							>100	Listeria monocytogenes	179	0
	Other processed food products and prepared dishes - meat based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	179	1	detection	Listeria monocytogenes	179	1
	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	134	0	detection	Listeria monocytogenes	134	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	54	0	detection	Listeria monocytogenes	54	0
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	55	0	detection	Listeria monocytogenes	55	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	548	3	<= 100	Listeria monocytogenes	548	1
							>100	Listeria monocytogenes	548	2
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	548	3	detection	Listeria monocytogenes	548	3
	Sauce and dressings - mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	9	0	detection	Listeria monocytogenes	9	0
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	44	1	<= 100	Listeria monocytogenes	44	1
							>100	Listeria monocytogenes	44	0
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	44	1	detection	Listeria monocytogenes	44	1
	Seeds, sprouted - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	147	0	detection	Listeria monocytogenes	147	0
	Soups - dehydrated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Soups - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	16	0	detection	Listeria monocytogenes	16	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	479	0	detection	Listeria monocytogenes	479	0
	Spices and herbs - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	61	0	detection	Listeria monocytogenes	61	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Spices and herbs - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	3	0	detection	Listeria monocytogenes	3	0
	Surimi - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	62	0	detection	Listeria monocytogenes	62	0
	Vegetables - leaves - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	295	0	detection	Listeria monocytogenes	295	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	64	0	detection	Listeria monocytogenes	64	0
	Vegetables - pre-cut - frozen vegetables - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	3	0	detection	Listeria monocytogenes	3	0
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	274	1	<= 100	Listeria monocytogenes	274	0
							>100	Listeria monocytogenes	274	1
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	274	1	detection	Listeria monocytogenes	274	1
	Vegetables - products - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	9	0	detection	Listeria monocytogenes	9	0
	Vegetables - products - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	110	0	detection	Listeria monocytogenes	110	0
	Vegetables - products - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	163	0	detection	Listeria monocytogenes	163	0
	Vegetables - products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	13	0	detection	Listeria monocytogenes	13	0

Table Lyssavirus:LYSSAVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
FRANCE	Bats - wild - Natural habitat - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	434	4	European bat lyssavirus 1	3
						Lyssavirus (unspecified virus)	1
	Cats - pet animals - Veterinary clinics - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	586	0	Lyssavirus	0
	Cattle (bovine animals) - Farm - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	6	0	Lyssavirus	0
	Dogs - pet animals - Veterinary clinics - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	696	0	Lyssavirus	0
	Ferrets - Veterinary clinics - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	7	0	Lyssavirus	0
	Foxes - wild - Natural habitat - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	21	0	Lyssavirus	0
	Goats - Farm - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	2	0	Lyssavirus	0
	Insectivores - Unspecified - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	1	0	Lyssavirus	0
	Marten - wild - Natural habitat - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	7	0	Lyssavirus	0
	Monkeys - Unspecified - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	1	0	Lyssavirus	0
	Other mustelides - wild - Natural habitat - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	1	0	Lyssavirus	0
	Rabbits - Natural habitat - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	1	0	Lyssavirus	0
	Rats - Veterinary clinics - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	2	0	Lyssavirus	0
	Solipeds, domestic - horses - Farm - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	2	0	Lyssavirus	0
	Squirrels - Natural habitat - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	6	0	Lyssavirus	0
	Wild animals - Unspecified - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	1	0	Lyssavirus	0
Jura (Franche-Comté)	Bats - wild - Natural habitat - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	8	1	Lyssavirus (unspecified virus)	1
Morbihan	Bats - wild - Natural habitat - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	27	1	European bat lyssavirus 1	1
Pyrénées-Atlantiques	Bats - wild - Natural habitat - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	1	1	European bat lyssavirus 1	1
Drôme	Bats - wild - Natural habitat - France - animal sample - brain - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	9	1	European bat lyssavirus 1	1

Table Mycobacterium:MYCOBACTERIUM in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Badgers - wild - Hunting - France - animal sample - organ/tissue - Monitoring - active - Official sampling - Objective sampling	Not Available	animal	1955	64	Mycobacterium bovis	51
						Mycobacterium microti	9
						Mycobacterium tuberculosis complex (MTC)	4
	Badgers - wild - Natural habitat - France - animal sample - organ/tissue - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	568	16	Mycobacterium bovis	16
	Cats - pet animals - Veterinary clinics - France - animal sample - organ/tissue - Clinical investigations - Official sampling - Suspect sampling	Not Available	animal	11	4	Mycobacterium bovis	1
						Mycobacterium microti	3
	Deer - wild - red deer - Hunting - France - animal sample - organ/tissue - Monitoring - active - Official sampling - Objective sampling	Not Available	animal	258	1	Mycobacterium bovis	1
	Deer - wild - red deer - Natural habitat - France - animal sample - organ/tissue - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	10	1	Mycobacterium bovis	1
	Deer - wild - roe deer - Hunting - France - animal sample - organ/tissue - Monitoring - active - Official sampling - Objective sampling	Not Available	animal	1	0	Mycobacterium	0
	Deer - wild - roe deer - Natural habitat - France - animal sample - organ/tissue - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	7	0	Mycobacterium	0
	Deer - zoo animals - fallow deer - Zoo - France - animal sample - organ/tissue - Clinical investigations - Official sampling - Suspect sampling	Not Available	animal	4	4	Mycobacterium bovis	4
	Deer - zoo animals - Zoo - France - animal sample - organ/tissue - Clinical investigations - Official sampling - Suspect sampling	Not Available	animal	1	1	Mycobacterium bovis	1
	Dogs - pet animals - Veterinary clinics - France - animal sample - organ/tissue - Clinical investigations - Official sampling - Suspect sampling	Not Available	animal	6	0	Mycobacterium	0
	Dolphin - zoo animals - Zoo - France - animal sample - organ/tissue - Clinical investigations - Official sampling - Suspect sampling	Not Available	animal	1	1	Mycobacterium	1
	Elephants - zoo animals - Zoo - France - animal sample - organ/tissue - Clinical investigations - Official sampling - Suspect sampling	Not Available	animal	1	0	Mycobacterium	0
	Foxes - wild - Hunting - France - animal sample - organ/tissue - Monitoring - active - Official sampling - Objective sampling	Not Available	animal	188	28	Mycobacterium bovis	11
						Mycobacterium microti	13
						Mycobacterium tuberculosis complex (MTC)	4
	Insectivores - zoo animal - Zoo - France - animal sample - organ/tissue - Clinical investigations - Official sampling - Suspect sampling	Not Available	animal	3	0	Mycobacterium	0
	Monkeys - zoo animal - Zoo - France - animal sample - organ/tissue - Clinical investigations - Official sampling - Suspect sampling	Not Available	animal	2	0	Mycobacterium	0
	Pigs - breeding animals - Farm - France - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling	Not Available	animal	24	17	Mycobacterium bovis	17
	Sea lion - zoo animals - Zoo - France - animal sample - organ/tissue - Clinical investigations - Official sampling - Suspect sampling	Not Available	animal	6	5	Mycobacterium pinnipedii	5
	Sheep - Farm - France - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling	Not Available	animal	1	0	Mycobacterium	0
	Solipeds, domestic - horses - Veterinary clinics - France - animal sample - organ/tissue - Clinical investigations - Official sampling - Suspect sampling	Not Available	animal	2	0	Mycobacterium	0
	Wild boars - wild - Hunting - France - animal sample - organ/tissue - Monitoring - active - Official sampling - Objective sampling	Not Available	animal	1519	71	Mycobacterium bovis	30
						Mycobacterium microti	41
	Wild boars - wild - Natural habitat - France - animal sample - organ/tissue - Monitoring - passive - Official sampling - Suspect sampling	Not Available	animal	20	1	Mycobacterium bovis	1

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	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Gallus gallus (fowl) - broilers - before slaughter - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	Not Available	68527	1630	Salmonella	636
								Salmonella 1,4,[5],12:i:-	87
								Salmonella Enteritidis	99
								Salmonella Hadar	14
								Salmonella Indiana	74
								Salmonella Infantis	9
								Salmonella Mbandaka	75
								Salmonella Montevideo	257
								Salmonella Napoli	77
								Salmonella Senftenberg	97
								Salmonella Typhimurium	167
								Salmonella Virchow	38
								Gallus gallus (fowl) - elite breeding flocks for broiler production line - adult - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock
Gallus gallus (fowl) - elite breeding flocks for broiler production line - during rearing period - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N	Not Available	55	0	Salmonella	0	
Gallus gallus (fowl) - elite breeding flocks for egg production line - adult - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	Not Available	3	0	Salmonella	0	
Gallus gallus (fowl) - grandparent breeding flocks for broiler production line - adult - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	Not Available	299	0	Salmonella	0	
Gallus gallus (fowl) - grandparent breeding flocks for broiler production line - during rearing period - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N	Not Available	230	1	Salmonella	1	
Gallus gallus (fowl) - grandparent breeding flocks for egg production line - adult - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	Not Available	44	1	Salmonella	1	
Gallus gallus (fowl) - grandparent breeding flocks for egg production line - during rearing period - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N	Not Available	26	1	Salmonella	1	
Gallus gallus (fowl) - laying hens - adult - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	Not Available	5433	193	Salmonella	131	
							Salmonella 1,4,[5],12:i:-	4	
							Salmonella Enteritidis	49	
							Salmonella Typhimurium	9	
Gallus gallus (fowl) - laying hens - during rearing period - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N	Not Available	2586	84	Salmonella	72	
							Salmonella 1,4,[5],12:i:-	3	
							Salmonella Enteritidis	8	
							Salmonella Typhimurium	1	
Gallus gallus (fowl) - parent breeding flocks for broiler production line - adult - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	Not Available	1409	35	Salmonella	21	
							Salmonella Enteritidis	2	
							Salmonella Typhimurium	10	
							Salmonella Virchow	2	
Gallus gallus (fowl) - parent breeding flocks for broiler production line - during rearing period - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N	Not Available	1252	17	Salmonella	12	
							Salmonella 1,4,[5],12:i:-	1	
							Salmonella Enteritidis	1	
							Salmonella Typhimurium	3	
Gallus gallus (fowl) - parent breeding flocks for egg production line - adult - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	Not Available	137	0	Salmonella	0	
Gallus gallus (fowl) - parent breeding flocks for egg production line - during rearing period - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N	Not Available	88	1	Salmonella	1	
Turkeys - fattening flocks - before slaughter - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	Not Available	12093	276	Salmonella	214	
							Salmonella 1,4,[5],12:i:-	15	
							Salmonella Enteritidis	17	
							Salmonella Typhimurium	30	
Turkeys - grandparent breeding flocks - adult - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N	Not Available	57	0	Salmonella	0	
Turkeys - grandparent breeding flocks - during rearing period - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N	Not Available	67	0	Salmonella	0	
Turkeys - parent breeding flocks - adult - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		Y	Not Available	890	10	Salmonella	10	
Turkeys - parent breeding flocks - during rearing period - Farm - France - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock		N	Not Available	631	27	Salmonella	25	
							Salmonella Typhimurium	2	

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	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Bakery products - desserts - containing raw eggs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	28	0	Salmonella	0
	Bakery products - desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	12	0	Salmonella	0
	Cereals and meals - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	34	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	10	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	30	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	11	0	Salmonella	0
	Cheeses made from goats' milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	3	0	Salmonella	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 - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	7	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 - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	1	0	Salmonella	0
	Chocolate - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	7	0	Salmonella	0
	Cocoa and cocoa preparations, coffee and tea - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	10	0	Salmonella	0
	Coconut - coconut products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	2	0	Salmonella	0
	Crustaceans - unspecified - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	74	0	Salmonella	0
	Crustaceans - unspecified - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	39	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	6	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	1801	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	65	0	Salmonella	0
	Egg products - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	4	0	Salmonella	0
	Eggs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	21	0	Salmonella	0
	Fish - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	13	0	Salmonella	0
	Fish - raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	106	0	Salmonella	0
	Fish - raw - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	17	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	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 - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	98	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	15	0	Salmonella	0
	Fishery products, unspecified - seafood pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	21	0	Salmonella	0
	Fruits - pre-cut - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	8	0	Salmonella	0
	Fruits - products - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	5	0	Salmonella	0
	Fruits - products - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	110	1	Salmonella	1
	Fruits - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	149	0	Salmonella	0
	Fruits and vegetables - pre-cut - ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	358	0	Salmonella	0
	Infant formula - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	7	0	Salmonella	0
	Juice - fruit juice - pasteurised - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	15	0	Salmonella	0
	Juice - fruit juice - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	121	0	Salmonella	0
	Juice - mixed juice - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	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 - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	34	0	Salmonella	0
	Meat from bovine animals - meat products - unspecified, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Detection method presence in x g	6	0	Salmonella	0
			25	Gram	Detection method presence in x g	91	0	Salmonella	0
	Meat from bovine animals - offal - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	1	0	Salmonella	0
	Meat from bovine animals - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Detection method presence in x g	18	0	Salmonella	0
			25	Gram	Detection method presence in x g	12	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	106	0	Salmonella	0
	Meat from broilers (Gallus gallus) - offal - liver - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	47	0	Salmonella	0
	Meat from broilers (Gallus gallus) - offal - unspecified - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	30	0	Salmonella	0
	Meat from duck - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	18	0	Salmonella	0
	Meat from duck - meat products - raw and intended to be eaten raw - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	7	0	Salmonella	0
	Meat from duck - meat products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	79	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	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from duck - offal - liver - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	16	0	Salmonella	0
	Meat from duck - offal - unspecified - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	41	0	Salmonella	0
	Meat from other animal species or not specified - meat products - cooked, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Detection method presence in x g	29	0	Salmonella	0
			25	Gram	Detection method presence in x g	103	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/fee d)	400	Square centimetre	ISO 6579:2002 Salmonella	16877	664	Salmonella	664
			10	Gram	Detection method presence in x g	71	5	Salmonella	1
			25	Gram	Detection method presence in x g	126	0	Salmonella Gloucester	4
			25	Gram	Detection method presence in x g	126	0	Salmonella	0
	Meat from pig - meat products - cooked ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Detection method presence in x g	3	0	Salmonella	0
			25	Gram	Detection method presence in x g	107	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Detection method presence in x g	1	0	Salmonella	0
			25	Gram	Detection method presence in x g	205	0	Salmonella	0
	Meat from pig - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	191	0	Salmonella	0
	Meat from pig - meat products - raw ham - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	57	0	Salmonella	0
	Meat from pig - meat products - unspecified, ready-to-eat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Detection method presence in x g	35	0	Salmonella	0
			25	Gram	Detection method presence in x g	466	1	Salmonella	0
	Meat from pig - offal - liver - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	1	0	Salmonella 4,5,12:i:-	1
								Salmonella	0
	Meat from pig - offal - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	23	0	Salmonella	0
								Salmonella	0
	Meat from pig - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Detection method presence in x g	33	0	Salmonella	0
			25	Gram	Detection method presence in x g	30	0	Salmonella	0
	Meat from poultry, unspecified - fresh - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	80	2	Salmonella	0
								Salmonella 4,12:i:-	1
								Salmonella 4,5,12:i:-	1
	Meat from poultry, unspecified - meat products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	132	0	Salmonella	0
	Meat from poultry, unspecified - offal - liver - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	30	0	Salmonella	0
	Meat from poultry, unspecified - offal - unspecified - chilled - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	26	0	Salmonella	0
								Salmonella	0
	Meat from rabbit - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	33	0	Salmonella	0
	Meat from rabbit - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Detection method presence in x g	5	0	Salmonella	0
			25	Gram	Detection method presence in x g	1	0	Salmonella	0
	Meat from sheep - meat preparation - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Detection method presence in x g	9	0	Salmonella	0
			25	Gram	Detection method presence in x g	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	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from sheep - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	10	Gram	Detection method presence in x g	5	0	Salmonella	0
			25	Gram	Detection method presence in x g	1	0	Salmonella	0
	Meat, mixed meat - meat products - pâté - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	52	0	Salmonella	0
	Milk, cows' - raw milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	1	0	Salmonella	0
	Milk, cows' - UHT milk - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	5	0	Salmonella	0
	Molluscan shellfish - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	7	0	Salmonella	0
	Mushrooms - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	395	0	Salmonella	0
	Nuts and nut products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	267	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 - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	369	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 - Selective sampling	single (food/fee d)	10	Gram	Detection method presence in x g	7	0	Salmonella	0
			25	Gram	Detection method presence in x g	352	0	Salmonella	0
	Other processed food products and prepared dishes - noodles - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	2	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	4	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	136	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 - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	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 - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	56	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	55	0	Salmonella	0
	Ready-to-eat salads - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	529	0	Salmonella	0
	Sauce and dressings - mayonnaise - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	8	0	Salmonella	0
	Sauce and dressings - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	17	0	Salmonella	0
	Seeds, sprouted - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	381	1	Salmonella	1
	Snails - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	5	0	Salmonella	0
	Soups - dehydrated - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/fee d)	25	Gram	Detection method presence in x g	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	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Soups - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	29	0	Salmonella	0
	Spices and herbs - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	738	0	Salmonella	0
	Spices and herbs - fresh - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	44	0	Salmonella	0
	Spices and herbs - frozen - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	3	0	Salmonella	0
	Spices and herbs - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	11	0	Salmonella	0
	Surimi - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	18	0	Salmonella	0
	Vegetables - leaves - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	308	0	Salmonella	0
	Vegetables - non-pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	121	0	Salmonella	0
	Vegetables - pre-cut - frozen vegetables - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	3	0	Salmonella	0
	Vegetables - pre-cut - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	49	0	Salmonella	0
	Vegetables - products - canned - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	9	0	Salmonella	0
	Vegetables - products - cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	125	0	Salmonella	0
	Vegetables - products - dried - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	12	0	Salmonella	0
	Vegetables - products - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	14	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	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Complementary feedingstuffs - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	180	0	Salmonella	0
	Compound feedingstuffs for cattle - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	60	0	Salmonella	0
	Compound feedingstuffs for pigs - Farm - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	Not Available	82	3	Salmonella Corvallis	1
								Salmonella Montevideo	1
								Salmonella Muenster	1
	Compound feedingstuffs for pigs - Feed mill - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	Not Available	4	0	Salmonella	0
	Compound feedingstuffs for pigs - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	796	1	Salmonella	0
								Salmonella Typhimurium	1
	Compound feedingstuffs for poultry (non specified) - Farm - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	Not Available	145	3	Salmonella Ahmadi	1
								Salmonella Mbandaka	1
								Salmonella Offa	1
	Compound feedingstuffs for poultry (non specified) - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	2998	3	Salmonella	1
								Salmonella Bovismorbificans	1
								Salmonella Mbandaka	1
	Feed material of cereal grain origin - maize derived - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	440	0	Salmonella	0
	Feed material of cereal grain origin - oat derived - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	17	0	Salmonella	0
	Feed material of cereal grain origin - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	200	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	510	1	Salmonella	1
	Feed material of marine animal origin - Farm - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	Not Available	3	0	Salmonella	0
	Feed material of marine animal origin - Feed mill - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	Not Available	8	1	Salmonella Ruiru	1
	Feed material of marine animal origin - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	20	0	Salmonella	0
	Feed material of marine animal origin - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	Not Available	7	0	Salmonella	0
	Feed material of oil seed or fruit origin - other oil seeds derived - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	60	1	Salmonella	1
	Feed material of oil seed or fruit origin - palm kernel derived - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	20	0	Salmonella	0
	Feed material of oil seed or fruit origin - rape seed derived - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	360	3	Salmonella	3
	Feed material of oil seed or fruit origin - soya (bean) derived - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	820	15	Salmonella	5
								Salmonella Anatum	7
								Salmonella Mbandaka	3
	Feed material of oil seed or fruit origin - sunflower seed derived - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	512	0	Salmonella	0
	Other feed material - beet - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed d)	25	Gram	Detection method presence in x g	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	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other feed material - citrus - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	20	0	Salmonella	0
	Other feed material - miscellaneous - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	140	0	Salmonella	0
	Other feed material - vegetable - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	20	0	Salmonella	0
	Other feed material - yeast - Processing plant - Not Available - feed sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	Detection method presence in x g	20	0	Salmonella	0
	Pet food - Farm - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	2	0	Salmonella	0
	Pet food - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	5	0	Salmonella	0
	Pet food - Retail - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	3	0	Salmonella	0

Table Trichinella:TRICHINELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	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 - Not Available - Not Available - Monitoring - active - Official sampling - Census	Not Available	animal	334067	2	Trichinella britovi	2
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Not Available - Not Available - Monitoring - active - Official sampling - Objective sampling	Not Available	animal	203901	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Not Available - Not Available - Monitoring - active - Official sampling - Census	Not Available	animal	10573	0	Trichinella	0
	Wild boars - farmed - Hunting - Not Available - Not Available - Monitoring - active - Official sampling - Census	Not Available	animal	427	0	Trichinella	0
	Wild boars - wild - Hunting - Not Available - Not Available - Monitoring - active - Official sampling - Census	Not Available	animal	47168	3	Trichinella britovi	3

FOODBORNE OUTBREAKS TABLES

Foodborne Outbreaks: summarized data

Causative agent	Food vehicle	Outbreak strenght							
		Strong				Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Bacillus cereus	Dairy products (other than cheeses)					2	5	0	0
	Eggs and egg products					10	122	0	0
	Bovine meat and products thereof	1	2	0	0	12	41	2	0
	Pig meat and products thereof					7	55	1	0
	Sheep meat and products thereof					1	5	0	0
	Other or mixed red meat and products thereof	2	6	0	0	8	44	4	0
	Broiler meat (Gallus gallus) and products thereof	1	26	0	0	16	81	3	0
	Turkey meat and products thereof					2	56	0	1
	Fish and fish products					9	58	0	0
	Crustaceans, shellfish, molluscs and products thereof					4	24	0	0
	Vegetables and juices and other products thereof	2	65	0	0	11	98	3	0
	Cereal products including rice and seeds/pulses (nuts, almonds)					1	4	2	0
	Other foods	3	50	0	0	127	1,533	71	0
	Mixed food	3	7	0	0	40	212	6	0
	Meat and meat products	1	16	0	0	4	13	0	0
Calicivirus	Eggs and egg products					1	7	0	0
	Crustaceans, shellfish, molluscs and products thereof					1	2	0	0
	Other foods					1	580	6	0
	Mixed food					2	26	1	0
Campylobacter coli	Broiler meat (Gallus gallus) and products thereof					1	2	0	0
	Other foods					2	4	0	0
Campylobacter jejuni	Other or mixed red meat and products thereof					3	12	0	0
	Broiler meat (Gallus gallus) and products thereof	1	2	0	0	3	52	3	0
	Other foods					4	16	2	0
	Mixed food					2	4	1	0
Campylobacter, unspecified sp.	Other or mixed red meat and products thereof	2	4	0	0	6	22	5	0
	Broiler meat (Gallus gallus) and products thereof					6	19	3	0
	Fish and fish products					3	8	0	0
	Other foods					4	56	1	0
	Mixed food					2	4	0	0
	Meat and meat products					1	2	0	0
Clostridium perfringens	Eggs and egg products					1	20	0	0
	Bovine meat and products thereof	4	87	0	0	2	9	0	0
	Pig meat and products thereof					2	15	0	0
	Sheep meat and products thereof	1	14	0	0				

Causative agent	Food vehicle	Outbreak strenght							
		Strong				Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Clostridium perfringens	Other or mixed red meat and products thereof	2	78	0	0	1	2	0	0
	Broiler meat (Gallus gallus) and products thereof	2	31	0	0	4	12	1	0
	Turkey meat and products thereof	1	50	0	0	1	72	0	0
	Fish and fish products					1	22	0	0
	Crustaceans, shellfish, molluscs and products thereof					1	54	0	0
	Vegetables and juices and other products thereof	2	58	0	0	4	127	0	0
	Other foods	5	74	0	0	31	344	31	0
	Mixed food	1	24	0	0	15	175	4	0
	Meat and meat products					1	2	0	0
Clostridium spp., unspecified	Eggs and egg products					1	2	2	0
	Pig meat and products thereof					1	32	0	0
	Mixed food					1	2	0	0
Hepatitis A	Other foods	1	19	13	0	2	16	4	0
Histamine	Fish and fish products	18	139	35	0	17	60	8	0
	Crustaceans, shellfish, molluscs and products thereof					1	2	0	0
	Vegetables and juices and other products thereof					2	14	0	0
	Other foods					16	75	2	0
	Mixed food					1	2	0	0
Marine biotoxins - ciguatera	Fish and fish products	6	17	0	0	5	13	2	0
	Crustaceans, shellfish, molluscs and products thereof	4	18	0	0	15	51	1	0
	Other foods					15	31	9	0
Norovirus	Dairy products (other than cheeses)					1	64	0	0
	Eggs and egg products					1	80	0	0
	Broiler meat (Gallus gallus) and products thereof					2	16	0	0
	Fish and fish products					1	87	4	0
	Crustaceans, shellfish, molluscs and products thereof	6	91	0	0	5	10	1	0
	Vegetables and juices and other products thereof	1	20	0	0	2	32	0	0
	Cereal products including rice and seeds/pulses (nuts, almonds)					1	45	0	0
	Other foods	2	446	4	0	19	453	0	0
Salmonella	Milk					1	3	0	0
	Dairy products (other than cheeses)					2	15	0	0
	Cheese					3	18	1	0
	Eggs and egg products	1	2	0	0	14	82	6	0
	Bovine meat and products thereof					2	7	1	0
	Pig meat and products thereof	1	9	0	0	4	31	3	0
	Other or mixed red meat and products thereof					1	2	0	0
	Broiler meat (Gallus gallus) and products thereof	2	5	1	0	4	14	2	0
	Fish and fish products					1	4	3	0
	Crustaceans, shellfish, molluscs and products thereof	1	2	0	0	2	55	1	0
	Vegetables and juices and other products thereof					3	10	1	0

Causative agent	Food vehicle	Outbreak strenght							
		Strong				Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Salmonella	Cereal products including rice and seeds/pulses (nuts, almonds)					1	15	0	0
	Other foods	1	50	24	0	24	98	16	0
	Mixed food	2	24	16	0	5	17	1	0
Salmonella Enteritidis	Cheese	3	53	4	0				
	Eggs and egg products	2	9	2	0	11	42	20	1
	Broiler meat (Gallus gallus) and products thereof					1	2	2	0
	Crustaceans, shellfish, molluscs and products thereof					2	5	1	0
	Sweets and chocolate	1	5	0	0				
	Other foods	2	4	3	0	5	66	5	0
	Mixed food	1	4	2	0	1	2	2	0
Salmonella Infantis	Crustaceans, shellfish, molluscs and products thereof					1	6	1	0
	Other foods					1	6	0	0
Salmonella Newport	Pig meat and products thereof					1	8	0	0
	Crustaceans, shellfish, molluscs and products thereof	1	3	1	0	1	5	0	0
Salmonella Typhimurium	Eggs and egg products					3	10	1	0
	Bovine meat and products thereof					1	4	1	0
	Pig meat and products thereof					1	2	0	0
	Other or mixed red meat and products thereof					1	3	1	0
	Other foods					6	39	12	0
	Mixed food					2	6	2	0
Salmonella Typhimurium, monophasic	Cheese	1	18	6	0				
	Eggs and egg products					1	2	1	0
	Pig meat and products thereof					2	36	0	0
	Broiler meat (Gallus gallus) and products thereof					1	3	1	0
	Other foods					3	8	2	0
	Mixed food	1	0	2	0				
Shigella	Pig meat and products thereof					1	3	2	0
	Other foods					3	33	3	0
Shigella flexneri	Pig meat and products thereof					1	2	2	0
Staphylococcal enterotoxins	Milk	2	5	5	0	3	21	3	0
	Dairy products (other than cheeses)					3	7	0	0
	Cheese	1	405	2	0	6	23	3	0
	Eggs and egg products					22	70	7	0
	Bovine meat and products thereof	1	2	0	0	15	62	9	0
	Pig meat and products thereof	2	6	0	0	15	63	1	0
	Sheep meat and products thereof					3	12	0	0
	Other or mixed red meat and products thereof	2	21	0	0	22	71	1	0
	Broiler meat (Gallus gallus) and products thereof					15	41	5	0
	Turkey meat and products thereof					1	12	0	0
	Fish and fish products					19	79	2	0

Causative agent	Food vehicle	Outbreak strenght				Strong				Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Staphylococcal enterotoxins	Crustaceans, shellfish, molluscs and products thereof					8	30	1	0				
	Vegetables and juices and other products thereof					10	55	1	0				
	Cereal products including rice and seeds/pulses (nuts, almonds)					5	17	1	0				
	Sweets and chocolate					1	10	0	0				
	Other foods					114	809	30	1				
	Mixed food	1	11	0	0	59	257	25	0				
	Meat and meat products					1	2	0	0				
Trichinella britovi	Pig meat and products thereof	1	21	9	0								
Unknown	Cheese	1	175	0	0								
	Eggs and egg products					6	38	3	0				
	Bovine meat and products thereof					10	37	3	0				
	Pig meat and products thereof					2	9	1	0				
	Other or mixed red meat and products thereof					8	26	1	0				
	Broiler meat (Gallus gallus) and products thereof					7	202	4	0				
	Turkey meat and products thereof					1	24	0	0				
	Fish and fish products					6	43	0	0				
	Crustaceans, shellfish, molluscs and products thereof					2	5	1	0				
	Vegetables and juices and other products thereof					6	128	6	0				
	Cereal products including rice and seeds/pulses (nuts, almonds)					2	5	2	0				
	Drinks, including bottled water					1	2	0	0				
	Tap water, including well water					2	10	0	0				
	Other foods					237	2,411	75	2				
	Mixed food	2	84	1	1	7	76	2	0				
	Meat and meat products					1	52	4	0				
Verocytotoxigenic E. coli (VTEC)	Other foods					1	54	5	0				
Vibrio parahaemolyticus	Fish and fish products					1	4	4	0				
	Crustaceans, shellfish, molluscs and products thereof					1	25	0	0				
	Other foods					1	30	3	0				
Virus	Eggs and egg products					5	34	0	0				
	Bovine meat and products thereof					4	57	32	0				
	Pig meat and products thereof					1	15	0	0				
	Other or mixed red meat and products thereof					6	62	2	0				
	Broiler meat (Gallus gallus) and products thereof					1	4	1	0				
	Turkey meat and products thereof					1	24	0	0				
	Fish and fish products					1	7	0	0				
	Crustaceans, shellfish, molluscs and products thereof					12	51	3	0				
	Vegetables and juices and other products thereof					3	77	1	0				
	Sweets and chocolate					1	16	0	0				
	Other foods					23	603	15	0				

Causative agent	Food vehicle	Outbreak strenght							
		Strong				Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Virus	Mixed food					3	9	3	0
Yersinia enterocolitica	Pig meat and products thereof	1				2	0	0	0
	Crustaceans, shellfish, molluscs and products thereof	1				2	0	0	0

Strong Foodborne Outbreaks: detailed data

Causative agent	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	Clostridium perfringens	FR - 682749	General	Vegetables and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	61	0	0
		FR - 684386	General	Broiler meat (Gallus gallus) and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	26	0	0
		FR - 684469	General	Other foods	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Others	Unknown	Unknown	Storage time/temperature abuse; Inadequate heat treatment; Inadequate chilling	N_A	1	12	0	0
		FR - 688028	General	Other foods	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Unknown	Unknown	Unknown	Unknown	N_A	1	18	0	0
		FR - 690790	General	Other or mixed red meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0

Causative agent	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	Staphylococcal enterotoxins	FR - 689344	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 689805	General	Meat and meat products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Hospital or medical care facility	Unknown	Unknown	Infected food handler	N_A	1	16	0	0
	Unknown	FR - 681621	General	Other foods	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiological evidence	Hospital or medical care facility	Unknown	Unknown	Unknown	N_A	1	20	0	0
		FR - 683309	General	Other or mixed red meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler;Inadequate chilling	N_A	1	3	0	0

Causative agent	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	Unknown	FR - 689582	General	Vegetables and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	unk	0
		FR - 690712	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690739	General	Bovine meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690803	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
Campylobacter jejuni	Unknown	FR - 685591	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
Campylobacter, unspecified sp.	Unknown	FR - 680426	Unknown	Other or mixed red meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Campylobacter, unspecified sp.	Unknown	FR - 686726	General	Other or mixed red meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	unk	unk
Clostridium perfringens	Bacillus cereus	FR - 682240	General	Turkey meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	1	50	0	0
		FR - 683855	General	Vegetables and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Others	Unknown	Unknown	Infected food handler; Inadequate heat treatment; Inadequate chilling	N_A	1	18	0	0
Clostridium perfringens		FR - 687251	General	Other foods	N_A	Analytical epidemiological evidence	Others	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	25	0	0
Staphylococcal enterotoxins		FR - 681861	General	Other or mixed red meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	71	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Staphylococcal enterotoxins	FR - 682220	General	Other foods	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Canteen or workplace catering	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	9	0	0
	Unknown	FR - 680693	General	Other foods	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Others	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	11	0	0
		FR - 680915	General	Bovine meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Hospital or medical care facility	Unknown	Unknown	Inadequate heat treatment; Inadequate chilling	N_A	1	27	0	0
		FR - 682222	General	Other foods	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	14	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Unknown	FR - 682738	General	Other or mixed red meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 684335	General	Broiler meat (Gallus gallus) and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	29	0	0
		FR - 684472	General	Other foods	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 684476	General	Sheep meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	14	0	0
		FR - 688771	General	Bovine meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Unknown	Unknown	Unknown	Unknown	N_A	1	12	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Unknown	FR - 688785	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	24	0	0
		FR - 689278	General	Bovine meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Unknown	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	43	unk	unk
		FR - 689341	General	Broiler meat (Gallus gallus) and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 690708	General	Bovine meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Hospital or medical care facility	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler; Inadequate chilling	N_A	1	5	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Unknown	FR - 692921	General	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;Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Infected food handler	N_A	1	40	0	0
Hepatitis A	Unknown	FR - 687609	General	Other foods	N_A	Descriptive epidemiological evidence	Others	Unknown	Unknown	Infected food handler;Inadequate heat treatment;Inadequate chilling	N_A	1	19	13	0
Histamine	Unknown	FR - 682919	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	1	40	18	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	Unknown	FR - 683083	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiologic evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	2	0
		FR - 683085	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiologic evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	6	4	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	Unknown	FR - 683087	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiologic evidence	Canteen or workplace catering	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	0	0
		FR - 683088	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiologic evidence	Canteen or workplace catering	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	3	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	Unknown	FR - 683090	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 683091	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiological evidence	Canteen or workplace catering	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	3	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	Unknown	FR - 68309 2	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	4	0
		FR - 68309 3	Unknown	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiological evidence	Household	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 68354 5	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent;Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	7	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	Unknown	FR - 683560	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 684383	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684437	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	30	1	0
		FR - 684521	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	7	5	0
		FR - 684537	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Others	Unknown	Unknown	Unknown	N_A	1	10	unk	unk
		FR - 686447	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 686481	General	Fish and fish products	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	1	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	Unknown	FR - 690794	General	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Canteen or workplace catering	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	0	0
Marine biotoxins - ciguatoxin	Unknown	FR - 683317	Unknown	Fish and fish products	N_A	Descriptive epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 685203	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	3	0	0
		FR - 685205	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	7	0	0
		FR - 685209	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 685357	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	6	0	0

Causative agent	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
Marine biotoxins - ciguatoxin	Unknown	FR - 69089 1	Unknown	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiologic evidence	Household	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	unk
		FR - 69089 2	Unknown	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiologic evidence	Household	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 69089 3	Unknown	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiologic evidence	Household	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 69089 4	Unknown	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiologic evidence	Household	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	3	0	0

Causative agent	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
Marine biotoxins - ciguatoxin	Unknown	FR - 690895	Unknown	Fish and fish products	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Household	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	3	0	0
Norovirus	Unknown	FR - 682966	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 684761	Unknown	Other foods	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Unknown	Unknown	Unknown	N_A	1	18	2	0
		FR - 688492	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	Unknown	FR - 688766	General	Other foods	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	428	2	0
		FR - 689356	General	Vegetables and juices and other products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	20	0	0
		FR - 689556	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent; Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans; Descriptive epidemiological evidence	Household	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	8	0	0
		FR - 689615	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	28	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	Unknown	FR - 689616	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	40	0	0
		FR - 689625	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent; Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans; Descriptive epidemiological evidence	Household	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	5	0	0
Salmonella	Unknown	FR - 682700	Unknown	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Household	Unknown	Unknown	Unknown	N_A	1	12	8	unk

Causative agent	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	Unknown	FR - 682702	General	Pig meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient;Infected food handler	N_A	1	9	0	0
		FR - 683392	Unknown	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	12	8	0
		FR - 688027	Unknown	Eggs and egg products	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688060	General	Broiler meat (Gallus gallus) 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	Unprocessed contaminated ingredient;Infected food handler	N_A	1	3	1	0
		FR - 688162	General	Broiler meat (Gallus gallus) and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Unknown	FR - 688487	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	2	0	0
	Verocytotoxigenic E. coli (VTEC)	FR - 17/039/009	Unknown	Other foods	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Unknown	Unknown	Unknown	N_A	1	50	24	0
Salmonella Enteritidis	Unknown	FR - 17/079/004	Unknown	Other foods	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 683914	Unknown	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Household	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 685219	Unknown	Eggs and egg products	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Unknown	Unknown	Unknown	N_A	1	7	2	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Enteritidis	Unknown	FR - 685221	General	Other foods	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 685837	Unknown	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Household	Unknown	Unknown	Unknown	N_A	1	4	2	0
		FR - 685993	General	Cheese	N_A	Descriptive epidemiological evidence	Others	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	22	2	0
		FR - 686018	General	Sweets and chocolate	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	5	0	0
		FR - 686391	Unknown	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Enteritidis	Unknown	FR - 688854	General	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	29	unk	unk
Salmonella Newport	Unknown	FR - 687880	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	3	1	0
Salmonella Typhimurium, monophasic	Unknown	FR - 682916	Unknown	Mixed food	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans	Unknown	Unknown	Unknown	Unknown	N_A	1	unk	2	0
		FR - 686092	Unknown	Cheese	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Household	Unknown	Unknown	Unknown	N_A	1	18	6	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 683320	General	Mixed food	N_A	Descriptive epidemiological evidence	Others	Unknown	Unknown	Inadequate chilling	N_A	1	11	0	0
	Unknown	FR - 681150	Unknown	Pig meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 681151	Unknown	Pig meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682739	Unknown	Other or mixed red meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 683036	General	Cheese	N_A	Analytical epidemiological evidence	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	405	2	0
		FR - 683846	Unknown	Milk	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Household	Unknown	Unknown	Unknown	N_A	1	3	3	0

Causative agent	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
Staphylococcus enterotoxins	Unknown	FR - 683983	Unknown	Milk	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Household	Unknown	Unknown	Inadequate chilling	N_A	1	2	2	0
		FR - 689339	General	Bovine meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 689361	General	Other or mixed red meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Others	Unknown	Unknown	Unknown	N_A	1	18	0	0
Trichinella britovi	Unknown	FR - 681207	Unknown	Pig meat and products thereof	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans; Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent; Descriptive epidemiological evidence	Household	Unknown	Unknown	Unknown	N_A	1	21	9	0
Unknown	Unknown	FR - 683238	Unknown	Mixed food	N_A	Descriptive epidemiological evidence	Household	Unknown	Unknown	Inadequate chilling	N_A	1	80	1	1

Causative agent	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	Unknown	FR - 683462	General	Mixed food	N_A	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans;Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 690916	General	Cheese	N_A	Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent;Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	175	0	0

Weak Foodborne Outbreaks: detailed data

Causative agent	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	Bacillus cereus	FR - 17/033/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	1	0
		FR - 17/974/043	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 682243	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 682293	General	Eggs and egg products	N_A	Unknown	Hospital or medical care facility	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	81	0	0
		FR - 682924	General	Eggs and egg products	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 682943	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683308	General	Mixed food	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 683349	General	Turkey meat and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	23	0	0
		FR - 684478	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	20	0	unk

Causative agent	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	Bacillus cereus	FR - 684762	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	6	0	0
		FR - 685367	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	40	0	0
		FR - 687619	General	Mixed food	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	13	0	0
		FR - 688983	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	9	0	0
Clostridium perfringens	Clostridium perfringens	FR - 17/013/028	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	18	0	0
		FR - 17/017/010	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	22	1	0
		FR - 17/022/005	General	Other foods	N_A	Unknown	Hospital or medical care facility	Unknown	Unknown	Unknown	N_A	1	19	0	0
		FR - 17/029/007	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	50	0	0
		FR - 17/031/001	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	2	0
		FR - 17/031/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0
		FR - 17/031/013	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	46	0	0

Causative agent	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	Clostridium perfringens	FR - 17/03 4/028	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/03 8/002	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	28	1	0
		FR - 17/04 2/018	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	10	0	0
		FR - 17/05 9/004	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	17	0	0
		FR - 17/06 6/009	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	31	0	0
		FR - 17/06 9/022	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 17/07 3/007	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 17/07 5/040	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	5	0	0

Causative agent	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	Clostridium perfringens	FR - 17/07 5/093	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/07 8/001	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	11	0	0
		FR - 17/07 8/009	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	17	0	0
		FR - 17/07 8/023	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	135	0	0
		FR - 17/08 4/001	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	14	0	0
		FR - 17/09 2/010	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Infected food handler	N_A	1	23	0	0
		FR - 17/09 4/013	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	40	0	0
		FR - 17/09 5/022	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	34	0	0
		FR - 680310	Unknown	Sheep meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 680342	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	22	0	0

Causative agent	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	Clostridium perfringens	FR - 680346	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 680917	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 681070	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 681077	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 681211	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 681215	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 681616	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	2	0
		FR - 681626	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 681658	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	7	0	0
		FR - 681705	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	5	0	0
		FR - 681858	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0

Causative agent	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	Clostridium perfringens	FR - 682023	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	26	0	0
		FR - 682025	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682225	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682238	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682239	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 682241	General	Pig meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682295	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682296	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	2	0

Causative agent	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	Clostridium perfringens	FR - 682298	Unknown	Meat and meat products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682728	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	unk
		FR - 682729	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 682737	Unknown	Vegetables and juices and other products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682745	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 682752	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	3	1	0
		FR - 682753	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682757	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 682758	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 682927	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0

Causative agent	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	Clostridium perfringens	FR - 682928	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 682954	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	unk
		FR - 682963	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Unknown	Unknown	Unknown	Infected food handler	N_A	1	6	0	0
		FR - 683096	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	unk	unk
		FR - 683097	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 683105	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 683110	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 683543	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683551	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	83	0	0
		FR - 683831	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	9	9	0

Causative agent	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	Clostridium perfringens	FR - 683834	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683845	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	12	0	0
		FR - 683976	General	Mixed food	N_A	Unknown	Others	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	35	0	0
		FR - 684046	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 684049	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 684175	General	Vegetables and juices and other products thereof	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	20	3	0
		FR - 684256	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 684260	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0

Causative agent	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	Clostridium perfringens	FR - 684523	General	Pig meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 684675	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	7	0	0
		FR - 684682	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684777	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684886	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 684889	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	6	0	0
		FR - 685230	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 685231	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Clostridium perfringens	FR - 68523 2	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 68523 5	Unknown	Vegetables and juices and other products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 68523 8	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 68524 5	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0
		FR - 68537 3	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	3	0
		FR - 68545 8	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 68583 3	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Clostridium perfringens	FR - 685845	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	11	0	unk
		FR - 686046	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686047	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686267	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686268	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	27	1	0
		FR - 686458	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	19	0	0
		FR - 686638	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Unknown	Unknown	Unknown	Infected food handler	N_A	1	7	1	0
		FR - 687172	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Clostridium perfringens	FR - 687176	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 687241	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	unk
		FR - 687418	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 687420	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	3	0	0
		FR - 687625	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Inadequate chilling	N_A	1	19	0	0
		FR - 688029	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 688036	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	35	0	0
		FR - 688037	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0

Causative agent	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	Clostridium perfringens	FR - 688047	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	10	0	0
		FR - 688053	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688164	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 688293	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688465	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	13	0	0
		FR - 688466	General	Pig meat and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	32	0	0
		FR - 688469	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	unk
		FR - 688473	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688474	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	unk

Causative agent	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	Clostridium perfringens	FR - 688856	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Hospital or medical care facility	Unknown	Unknown	Unknown	N_A	1	11	0	0
		FR - 688866	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688867	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Inadequate chilling	N_A	1	3	1	0
		FR - 688868	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 688954	General	Fish and fish products	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	21	0	0
		FR - 688956	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 688985	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 689133	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 689138	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0

Causative agent	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	Clostridium perfringens	FR - 689139	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 689342	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0
		FR - 689353	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 689357	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 689360	General	Eggs and egg products	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 689365	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	1	0
		FR - 689366	General	Pig meat and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 689532	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 689541	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Clostridium perfringens	FR - 689542	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 689578	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	17	unk	unk
		FR - 689590	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 690103	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690114	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690115	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690217	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	27	1	0

Causative agent	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	Clostridium perfringens	FR - 690660	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 690661	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	22	1	0
		FR - 690671	General	Fish and fish products	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0
		FR - 690675	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	1	0
		FR - 690707	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690710	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	0	0
		FR - 690713	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 690715	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 690717	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0

Causative agent	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	Clostridium perfringens	FR - 690718	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 690733	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 690743	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Infected food handler	N_A	1	15	0	0
		FR - 690745	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690748	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 690780	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 690786	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 690793	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Inadequate heat treatment	N_A	1	4	0	0

Causative agent	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	Clostridium perfringens	FR - 690798	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 690805	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 690807	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 691548	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 691571	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 691857	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 692925	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	6	0	0

Causative agent	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	Clostridium perfringens	FR - 693300	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 693457	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 693469	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	13	0	0
		FR - 693471	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 693472	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 693641	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 693642	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	7	0	0
	Not Available	FR - 17/091/007	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	24	0	0

Causative agent	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	Salmonella	FR - 685902	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 688041	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	10	0	0
	Staphylococcal enterotoxins	FR - 17/002/002	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	15	1	0
		FR - 17/011/003	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	40	0	0
		FR - 17/013/008	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/017/007	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	28	0	0
		FR - 17/017/014	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/030/004	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	3	0
		FR - 17/031/032	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/033/014	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Infected food handler	N_A	1	17	0	0
		FR - 17/033/015	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Infected food handler	N_A	1	26	2	0

Causative agent	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	Staphylococcal enterotoxins	FR - 17/03 4/030	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/03 9/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0
		FR - 17/06 9/003	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/07 5/087	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 17/07 8/022	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/09 5/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 17/09 5/010	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	11	0	0
		FR - 17/09 5/012	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/09 5/017	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	20	0	0
		FR - 17/09 5/023	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Staphylococcal enterotoxins	FR - 17/974/040	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0
		FR - 681153	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Inadequate heat treatment	N_A	1	4	0	0
		FR - 681157	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 681702	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 683848	Unknown	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	2	0
		FR - 684534	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 684575	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Staphylococcal enterotoxins	FR - 684579	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	10	0	0
		FR - 684589	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684622	General	Pig meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 685595	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 686547	General	Meat and meat products	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	4	unk	unk
		FR - 686585	Unknown	Dairy products (other than cheeses)	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 686628	General	Turkey meat and products thereof	N_A	Unknown	Unknown	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	33	unk	1
		FR - 686636	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	2	0

Causative agent	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	Staphylococcal enterotoxins	FR - 686639	General	Other or mixed red meat and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	24	0	0
		FR - 686640	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686643	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 686724	Unknown	Dairy products (other than cheeses)	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686852	General	Mixed food	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 689410	General	Other or mixed red meat and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	4	3	0
	Unknown	FR - 17/017/011	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unprocessed contaminated ingredient;Infected food handler	N_A	1	5	2	0
	FR - 17/030/003	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	15	0	0	
	FR - 17/031/007	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient;Infected food handler	N_A	1	2	0	0	
	FR - 17/031/009	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	3	2	0	

Causative agent	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	Unknown	FR - 17/03 1/030	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/04 7/001	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	12	0	0
		FR - 17/05 9/012	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	36	36	0
		FR - 17/06 4/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 17/06 6/003	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	17	0	0
		FR - 17/06 6/010	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 17/07 5/028	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/07 5/065	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0

Causative agent	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	Unknown	FR - 17/07 7/017	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	42	0	0
		FR - 17/07 8/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 17/07 8/011	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	1	0
		FR - 17/08 2/001	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	39	0	0
		FR - 17/08 4/011	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/09 2/012	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 17/09 5/009	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	13	0	0
		FR - 17/09 5/014	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	41	0	0
		FR - 17/97 2/009	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 17/97 2/010	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	3	2	0

Causative agent	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	Unknown	FR - 17/974/031	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 681152	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 681703	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	3	0	0
		FR - 684337	General	Bovine meat and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 685506	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 685576	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 686336	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 689592	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Calicivirus	Bacillus cereus	FR - 17/03 8/027	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	580	6	0
	Unknown	FR - 68114 4	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68330 7	General	Mixed food	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	14	1	0
		FR - 68339 0	General	Eggs and egg products	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 68940 6	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	12	0	0
Campylobacter coli	Salmonella	FR - 17/97 1/008	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
	Unknown	FR - 17/05 6/001	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68110 4	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
Campylobacter jejuni	Unknown	FR - 17/01 7/006	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/03 8/014	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	1	0

Causative agent	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
Campylobacter jejuni	Unknown	FR - 681356	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	7	1	0
		FR - 682020	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682245	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683835	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684888	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 685898	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686397	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	38	3	0
		FR - 688165	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0

Causative agent	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
Campylobacter jejuni	Unknown	FR - 689412	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 690911	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	12	0	0
Campylobacter, unspecified sp.	Unknown	FR - 17/013/025	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 680431	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 681251	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 681252	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Inadequate heat treatment; Inadequate chilling	N_A	1	34	0	0
		FR - 681860	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 684259	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684334	General	Fish and fish products	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Campylobacter, unspecified sp.	Unknown	FR - 684471	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	10	1	0
		FR - 684887	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 685507	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686040	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 686261	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	17	unk	0
		FR - 686333	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 686390	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686545	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Unknown	Unknown	Unknown	Inadequate heat treatment; Inadequate chilling	N_A	1	2	0	0

Causative agent	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
Campylobacter, unspecified sp.	Unknown	FR - 686560	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 686853	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 687181	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	1	0
		FR - 687627	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 688298	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 689540	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 690214	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Bacillus cereus	FR - 17/03 8/011	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/05 1/010	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 17/05 9/020	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	39	0	0
		FR - 17/05 9/036	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/06 7/019	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	22	0	0
		FR - 17/07 5/055	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	12	0	0
		FR - 17/07 5/091	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/07 9/002	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	7	0	0
		FR - 17/08 7/008	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	15	0	0
		FR - 17/09 2/032	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Infected food handler	N_A	1	32	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Bacillus cereus	FR - 680436	General	Mixed food	N_A	Unknown	Hospital or medical care facility	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 680950	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	unk	unk
		FR - 680952	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	unk
		FR - 681247	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Inadequate heat treatment; Inadequate chilling	N_A	1	2	0	0
		FR - 681851	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Inadequate heat treatment; Inadequate chilling	N_A	1	10	0	0
		FR - 681855	General	Fish and fish products	N_A	Unknown	Hospital or medical care facility	Unknown	Unknown	Unknown	N_A	1	22	0	0
		FR - 682028	General	Mixed food	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682291	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 683841	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	30	0	0
		FR - 683854	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Inadequate chilling	N_A	1	5	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Bacillus cereus	FR - 684388	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	2	0
		FR - 685250	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 685251	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 686266	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 686327	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 686334	General	Mixed food	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	9	0	unk
		FR - 686446	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686448	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	6	0	0
		FR - 686456	General	Vegetables and juices and other products thereof	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	48	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Bacillus cereus	FR - 686549	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	unk	unk
		FR - 687249	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 687623	General	Mixed food	N_A	Unknown	Others	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	48	0	0
		FR - 687897	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 687899	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	23	2	0
		FR - 688770	General	Eggs and egg products	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	20	0	0
		FR - 689160	General	Vegetables and juices and other products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	30	0	0
		FR - 689161	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 689407	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Bacillus cereus	FR - 690711	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	1	0
		FR - 690915	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Inadequate chilling	N_A	1	20	0	0
		FR - 691572	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	19	0	0
		FR - 693459	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
Clostridium perfringens		FR - 681859	General	Mixed food	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	40	0	0
		FR - 688775	General	Turkey meat and products thereof	N_A	Unknown	Hospital or medical care facility	Unknown	Unknown	Unknown	N_A	1	72	0	0
		FR - 689371	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	16	0	0
Salmonella		FR - 17/075/086	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	17	0	0
Staphylococcal enterotoxins		FR - 17/078/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Staphylococcal enterotoxins	FR - 17/084/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	5	0
	Unknown	FR - 17/013/007	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	16	0	0
		FR - 17/026/003	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/030/002	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	13	0	0
		FR - 17/034/017	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 17/056/004	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	27	23	0
		FR - 17/063/013	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 17/086/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	8	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium perfringens	Unknown	FR - 681100	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 681102	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682224	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	13	1	0
		FR - 682309	General	Pig meat and products thereof	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 683544	General	Mixed food	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	18	0	0
		FR - 684747	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 685664	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Inadequate heat treatment; Inadequate chilling	N_A	1	2	0	0
		FR - 686274	General	Mixed food	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	12	0	0
		FR - 688769	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	54	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium spp., unspecified	Bacillus cereus	FR - 685523	General	Eggs and egg products	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	2	2	0
	Unknown	FR - 685565	General	Pig meat and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	32	0	0
		FR - 685597	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
Hepatitis A	Unknown	FR - 17/031/014	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	14	3	0
		FR - 17/044/011	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
Histamine	Bacillus cereus	FR - 17/088/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
	Unknown	FR - 17/017/012	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/031/025	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/035/005	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	14	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	Unknown	FR - 17/04 8/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 17/05 1/013	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 17/05 6/010	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/06 4/002	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 17/06 4/011	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 17/08 4/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/09 4/015	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/97 2/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	Unknown	FR - 17/97 4/007	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	10	0	0
		FR - 17/97 4/026	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 17/97 4/028	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	3	0	0
		FR - 68030 3	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68034 0	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 68034 8	General	Fish and fish products	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	12	0	0
		FR - 68121 0	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 68223 5	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	Unknown	FR - 682289	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	1	0
		FR - 684254	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 684340	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	3	0
		FR - 684342	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 684618	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 684775	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 685831	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	unk	unk	unk

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	Unknown	FR - 687621	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 689340	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	unk
		FR - 690096	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690716	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690737	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	unk	unk
		FR - 690800	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 691574	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 691575	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	5	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Histamine	Unknown	FR - 693462	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	6	4	0
		FR - 693470	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
Marine biotoxins - ciguatoxin	Staphylococcal enterotoxins	FR - 682731	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688055	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 690914	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
	Unknown	FR - 17/075/011	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/971/017	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/972/003	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 17/972/007	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0

Causative agent	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
Marine biotoxins - ciguatoxin	Unknown	FR - 17/97 2/015	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/97 2/017	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 17/97 2/018	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 17/97 2/020	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 17/97 2/021	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/97 2/022	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/97 2/025	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 17/97 2/026	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/97 2/028	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/97 2/031	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/97 2/032	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 680920	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	2	0

Causative agent	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
Marine biotoxins - ciguatoxin	Unknown	FR - 680922	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	12	0	0
		FR - 681358	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682019	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682292	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 683541	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 683550	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	0	0
		FR - 683851	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 685374	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	unk	unk

Causative agent	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
Marine biotoxins - ciguatoxin	Unknown	FR - 685464	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 685635	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 686045	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	unk
		FR - 688485	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	1	0
		FR - 688857	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	unk	unk
		FR - 689141	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 689162	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	unk
		FR - 692927	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
Norovirus	Bacillus cereus	FR - 17/073/018	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	54	0	0
		FR - 680851	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	13	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	Clostridium perfringens	FR - 17/017/001	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	11	0	0
	Salmonella	FR - 683844	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Others	Unknown	Unknown	Inadequate heat treatment; Inadequate chilling	N_A	1	3	0	0
		FR - 688294	General	Fish and fish products	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	87	4	0
	Shigella	FR - 17/042/016	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	36	0	0
	Staphylococcal enterotoxins	FR - 17/033/012	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	30	0	0
	Unknown	FR - 17/017/015	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 17/017/017	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/038/013	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	37	0	0
		FR - 17/038/021	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	44	0	0
		FR - 17/039/007	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	11	0	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	Unknown	FR - 17/04 2/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/04 4/004	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/04 4/025	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	166	0	0
		FR - 17/04 9/003	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	12	0	0
		FR - 17/06 9/026	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 17/09 1/001	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 68029 5	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 68029 6	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 68084 4	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 68120 5	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 68120 6	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	unk

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	Unknown	FR - 681246	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 684391	Unknown	Vegetables and juices and other products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 684890	General	Eggs and egg products	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	80	0	0
		FR - 685571	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	45	0	0
		FR - 686039	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688780	General	Vegetables and juices and other products thereof	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	28	0	0
		FR - 689518	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	unk	0	0
		FR - 689576	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	unk	unk
		FR - 690722	General	Dairy products (other than cheeses)	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	64	0	0
Salmonella	Bacillus cereus	FR - 17/063/014	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Campylobacter, unspecified sp.	FR - 17/02 2/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 68324 5	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	5	0	0
		FR - 68555 9	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 68633 7	General	Dairy products (other than cheeses)	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68662 4	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
	Clostridium perfringens	FR - 68324 1	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 68459 1	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
	Salmonella	FR - 17/05 9/031	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
	Staphylococcal enterotoxins	FR - 17/09 1/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 68672 3	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	13	0	0

Causative agent	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	Unknown	FR - 17/008/001	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 17/010/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 17/012/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/044/019	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/049/009	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	5	0
		FR - 17/049/015	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/073/008	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/075/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/085/010	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 17/087/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	1	0
		FR - 17/974/009	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	1	0
		FR - 680432	Unknown	Milk	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	unk

Causative agent	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	Unknown	FR - 681212	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 681250	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	19	0	0
		FR - 681882	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 682034	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 682035	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	1	0
		FR - 682221	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683061	Unknown	Cheese	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 683828	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683829	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	unk	unk

Causative agent	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	Unknown	FR - 684251	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	1	0
		FR - 684330	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 684332	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	3	0
		FR - 684672	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	1	0
		FR - 685223	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 685364	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 685370	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 685573	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 685588	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 685590	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	2	0

Causative agent	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	Unknown	FR - 685640	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	1	0
		FR - 685689	General	Pig meat and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 686041	General	Pig meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 686257	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	16	1	0
		FR - 686328	Unknown	Dairy products (other than cheeses)	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	13	0	0
		FR - 686626	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	6	0	0
		FR - 686720	General	Mixed food	N_A	Unknown	Others	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	unk	unk
		FR - 687610	Unknown	Cheese	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	10	1	0
		FR - 687612	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 688205	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	0	0
		FR - 688299	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	2	0

Causative agent	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	Unknown	FR - 688475	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 688783	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 688958	Unknown	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	4	2	0
		FR - 689130	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	2	0
		FR - 689132	Unknown	Cheese	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 689626	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	unk	unk	unk
		FR - 689799	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 690113	Unknown	Vegetables and juices and other products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
	Virus	FR - 681880	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682021	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	50	0	0
		FR - 683833	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	0	0

Causative agent	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	Virus	FR - 684045	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 686044	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	25	0	unk
		FR - 686264	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
Salmonella Enteritidis	Shigella	FR - 17/03 3/016	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	14	0	0
	Unknown	FR - 17/02 6/005	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/03 8/024	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	45	2	0
		FR - 17/03 8/028	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 682218	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 683313	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 685224	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 685365	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	2	0
		FR - 685372	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	4	0
		FR - 685558	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	1	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Enteritidis	Unknown	FR - 685569	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 685687	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	2	1
		FR - 686038	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	unk
		FR - 686093	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	3	0
		FR - 686265	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 687615	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 687881	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	unk	unk
		FR - 688292	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 688467	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 688981	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	8	1	0

Causative agent	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 Infantis	Unknown	FR - 685248	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 686277	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	1	0
Salmonella Newport	Unknown	FR - 683315	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 688850	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
Salmonella Typhimurium	Salmonella Enteritidis	FR - 17/074/010	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	21	7	0
	Unknown	FR - 17/013/020	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/031/036	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/051/009	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 17/064/005	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0

Causative agent	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 Typhimurium	Unknown	FR - 684252	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	unk	unk
		FR - 684671	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 684674	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	1	0
		FR - 685222	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 685363	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 685369	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	8	3	0
		FR - 686258	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 686259	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	1	unk
		FR - 686387	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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 Typhimurium, monophasic	Unknown	FR - 683906	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 685218	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	1	0
		FR - 685220	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 685249	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	1	0
		FR - 686037	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 687243	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	25	0	0
Shigella	Unknown	FR - 684174	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	10	1	0
		FR - 684485	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	20	2	0
		FR - 687233	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	2	0
	Yersinia enterocolitica	FR - 17/031/041	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
Shigella flexneri	Unknown	FR - 681148	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	unk

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 17/02 9/006	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/03 1/019	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 17/03 4/019	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 17/03 4/026	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	11	0	0
		FR - 17/03 7/010	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/03 7/011	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/04 7/004	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	14	1	0
		FR - 17/05 9/003	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 17/06 3/002	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	7	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 17/06 3/007	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	18	0	0
		FR - 17/07 3/002	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	30	0	0
		FR - 17/07 5/066	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 17/07 5/083	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	14	0	0
		FR - 17/07 8/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 17/07 8/016	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 17/09 5/020	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68012 6	General	Meat and meat products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68012 7	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Inadequate heat treatment; Inadequate chilling	N_A	1	2	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 680201	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 680206	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 680245	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 680297	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 680347	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 680412	Unknown	Vegetables and juices and other products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 680424	General	Other or mixed red meat and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 680435	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 680691	General	Mixed food	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	3	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 680842	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 680849	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 680853	General	Milk	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 680858	General	Mixed food	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 680860	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	9	unk	unk
		FR - 680919	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 680924	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 681076	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 681209	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	unk
		FR - 681217	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 681218	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 681225	Unknown	Mixed food	N_A	Unknown	Unknown	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	3	unk	unk
		FR - 681231	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 681244	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	1	0
		FR - 681245	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	39	0	0
		FR - 681248	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 681249	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Infected food handler	N_A	1	18	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 681253	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 681618	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	unk
		FR - 681629	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 681857	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 681870	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 681879	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 682022	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682032	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	3	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 682055	General	Pig meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682229	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682231	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682237	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 682242	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 682244	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 682288	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 682294	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Storage time/temperature abuse;Inadequate heat treatment;Inadequate chilling	N_A	1	3	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 682297	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682299	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682330	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 682732	General	Pig meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682734	General	Fish and fish products	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682740	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient; Storage time/temperature abuse	N_A	1	31	1	unk
		FR - 682744	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	4	unk
		FR - 682746	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	4	0	unk
		FR - 682748	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	unk

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 682754	Unknown	Sheep meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 682755	Unknown	Fish and fish products	N_A	Unknown	Unknown	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	unk
		FR - 682917	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 682926	General	Eggs and egg products	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 682929	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682945	General	Fish and fish products	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 682946	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682948	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682949	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Storage time/temperature abuse	N_A	1	6	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 682953	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	3	0
		FR - 682960	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682967	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682968	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 683094	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	4	0
		FR - 683098	Unknown	Vegetables and juices and other products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 683108	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 683234	General	Dairy products (other than cheeses)	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683235	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	3	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 683237	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 683243	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 683244	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 683312	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Others	Unknown	Unknown	Inadequate heat treatment	N_A	1	3	0	0
		FR - 683318	General	Mixed food	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683321	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 683394	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 683549	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 683553	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	27	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 683830	General	Bovine meat and products thereof	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	2	0	unk
		FR - 683832	General	Fish and fish products	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 683836	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 683840	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683843	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 683850	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683911	General	Vegetables and juices and other products thereof	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 683913	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683915	General	Fish and fish products	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 683971	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	1	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 683982	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 684176	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684253	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	unk	unk
		FR - 684255	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684257	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684261	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 684333	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 684336	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 684338	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684341	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 684387	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684474	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684475	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 684487	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 684748	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 684749	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	2	0
		FR - 684764	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 684779	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	5	0	0
		FR - 684885	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 685227	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	2	0
		FR - 685228	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	6	0	0
		FR - 685236	General	Dairy products (other than cheeses)	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 685240	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	12	0	0
		FR - 685243	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 685375	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 685414	General	Eggs and egg products	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 685456	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 685457	General	Mixed food	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 685465	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 685525	Unknown	Cheese	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 685526	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 685562	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0
		FR - 685587	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 685688	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 685839	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	9	0	0

Causative agent	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
Staphylococcal enterotoxins	Bacillus cereus	FR - 685843	General	Pig meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 685844	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	1	0
		FR - 685897	General	Vegetables and juices and other products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 685900	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	5	0	0
		FR - 685901	General	Pig meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686098	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 686099	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	25	0	1

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 686102	General	Mixed food	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 686263	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 686270	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 686271	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 686275	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 686329	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 686330	Unknown	Sheep meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 686338	Unknown	Cheese	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 686388	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686389	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	3	0
		FR - 687173	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 687174	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 687175	General	Fish and fish products	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	20	0	0
		FR - 687178	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 687179	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 687224	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 687237	General	Mixed food	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 687617	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	11	0	0
		FR - 687622	General	Bovine meat and products thereof	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 687882	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 687883	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 687895	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 687896	Unknown	Cheese	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688031	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 688034	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 688038	General	Sweets and chocolate	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	10	0	0
		FR - 688039	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	10	0	0
		FR - 688049	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient;Storage time/temperature abuse;Inadequate heat treatment;Inadequate chilling	N_A	1	3	0	0
		FR - 688050	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688163	General	Turkey meat and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	12	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 688166	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 688169	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688295	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 688296	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 688297	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 688463	General	Mixed food	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	11	9	unk
		FR - 688464	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 688468	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
FR - 688470			General	Vegetables and juices and other products thereof	N_A	Unknown	Unknown	Unknown	Unknown	Infected food handler	N_A	1	4	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 68847 1	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 68847 6	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 68847 7	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68847 8	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68847 9	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 68858 4	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68877 4	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68877 7	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	unk	unk
		FR - 68877 8	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 688786	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 688858	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	6	1	0
		FR - 688859	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	unk	unk
		FR - 688865	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688943	General	Fish and fish products	N_A	Unknown	Others	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 688944	General	Sheep meat and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 688949	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 688950	General	Mixed food	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	21	0	0
		FR - 688951	General	Eggs and egg products	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	8	0	0
		FR - 688952	Unknown	Cheese	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	7	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 688955	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	30	0	0
		FR - 688959	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 688984	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 688986	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 689131	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 689159	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 689343	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 689345	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 68934 6	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 68934 7	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Storage time/temperature abuse; Inadequate heat treatment; Inadequate chilling	N_A	1	2	0	0
		FR - 68934 8	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 68934 9	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	3	0
		FR - 68935 0	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68935 1	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 68935 2	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	8	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 68936 2	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68936 3	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 68936 4	General	Mixed food	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	22	2	0
		FR - 68939 5	Unknown	Milk	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	3	0
		FR - 68940 1	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 68940 5	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	unk	unk
		FR - 68940 8	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 68952 9	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 689535	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 689543	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	2	0
		FR - 689544	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 689545	General	Vegetables and juices and other products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 689577	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 689591	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 689593	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 689595	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	unk	unk

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 689788	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 689791	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 690098	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690099	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	2	0
		FR - 690107	General	Bovine meat and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	13	0	0
		FR - 690108	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 690109	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	4	0
		FR - 690111	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690668	General	Eggs and egg products	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 690670	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 690672	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0
		FR - 690688	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690714	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 690731	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 690742	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler; Inadequate chilling	N_A	1	2	0	0
FR - 690744			General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 690789	General	Eggs and egg products	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	5	0	0
		FR - 690791	Unknown	Eggs and egg products	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690792	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690796	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 690806	Unknown	Mixed food	N_A	Unknown	Unknown	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0
		FR - 690808	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 691573	Unknown	Dairy products (other than cheeses)	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 693275	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	13	0	0
		FR - 693460	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0

Causative agent	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
Staphylococcus enterotoxins	Bacillus cereus	FR - 693466	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 693467	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 693473	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 693640	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
	Calicivirus	FR - 685639	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	3	0
	Campylobacter, unspecified sp.	FR - 17/034/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	13	0	0
Clostridium perfringens		FR - 17/013/006	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	5	2	0
		FR - 17/013/027	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	1	0

Causative agent	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
Staphylococcal enterotoxins	Histamine	FR - 690102	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	unk	unk
	Marine biotoxins - ciguatoxin	FR - 680925	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	10	0	0
		FR - 689515	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0
	Norovirus	FR - 17/091/017	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	35	0	0
	Salmonella	FR - 17/078/012	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	4	0	0
	Unknown	FR - 17/001/001	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	67	0	0
		FR - 17/005/001	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	10	0	0
		FR - 17/006/009	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	11	2	0
		FR - 17/017/002	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0

Causative agent	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
Staphylococcal enterotoxins	Unknown	FR - 17/017/009	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	8	1	0
		FR - 17/017/016	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 17/022/001	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/023/001	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	0	0
		FR - 17/031/037	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 17/037/001	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/037/020	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/042/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0

Causative agent	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
Staphylococcus enterotoxins	Unknown	FR - 17/057/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	2	0
		FR - 17/060/014	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 17/063/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/063/006	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/065/005	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	22	0	0
		FR - 17/075/088	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0
		FR - 17/078/006	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 17/078/010	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	1	0
		FR - 17/078/015	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Staphylococcus enterotoxins	Unknown	FR - 17/086/005	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 17/971/013	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/972/029	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 680681	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 681374	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 681706	Unknown	Cheese	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682029	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683107	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 683842	General	Mixed food	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	20	0	0
		FR - 683847	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	2	0	0

Causative agent	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
Staphylococcal enterotoxins	Unknown	FR - 684390	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 684473	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684678	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	unk	unk
		FR - 685638	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	23	0	0
		FR - 685668	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	unk
		FR - 685686	General	Mixed food	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Infected food handler	N_A	1	5	0	0
		FR - 685836	Unknown	Cheese	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	3	0
		FR - 686043	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	unk
		FR - 686551	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Inadequate chilling	N_A	1	2	1	0
		FR - 686854	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0

Causative agent	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
Staphylococcus enterotoxins	Unknown	FR - 688059	Unknown	Milk	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 688953	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 688957	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 689409	General	Pig meat and products thereof	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	27	0	0
		FR - 689411	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 690913	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	11	0	0
Unknown	Bacillus cereus	FR - 17/013/009	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 17/022/004	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0

Causative agent	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	Bacillus cereus	FR - 17/03 4/010	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	8	0	0
		FR - 17/06 3/015	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	16	1	0
	Clostridium perfringens	FR - 68383 7	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	6	0	0
	Norovirus	FR - 17/04 2/014	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	10	0	0
Salmonella		FR - 17/03 1/008	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	2	0
		FR - 17/07 9/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	6	0	0
Salmonella Enteritidis		FR - 17/06 0/006	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
Unknown		FR - 17/00 1/002	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	12	0	0
		FR - 17/00 1/005	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/00 1/006	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	8	0	0

Causative agent	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	Unknown	FR - 17/00 2/005	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 17/00 3/008	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/00 6/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 17/00 6/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/00 6/011	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	5	5	0
		FR - 17/00 6/014	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	110	0	0
		FR - 17/00 9/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	4	1	0

Causative agent	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	Unknown	FR - 17/009/006	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	15	0	0
		FR - 17/013/016	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	10	0	0
		FR - 17/013/019	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	8	0	0
		FR - 17/013/021	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	23	0	1
		FR - 17/013/022	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	4	0	0
		FR - 17/013/029	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	70	0	0
		FR - 17/013/030	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/013/031	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	34	0	0

Causative agent	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	Unknown	FR - 17/01 4/002	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/01 4/006	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/01 5/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	2	0
		FR - 17/02 1/001	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	24	0	0
		FR - 17/02 1/002	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 17/02 2/006	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	3	0
		FR - 17/02 5/007	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/02 6/006	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	2	0
		FR - 17/02 A/001	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	11	0	0
Unknown	Unknown	FR - 17/02 A/003	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	12	0	0
		FR - 17/03 1/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0

Causative agent	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	Unknown	FR - 17/03 1/027	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 17/03 1/033	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 17/03 1/039	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/03 3/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 17/03 3/008	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	2	0
		FR - 17/03 3/020	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/03 3/022	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/03 3/025	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Unknown	FR - 17/03 4/001	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/03 4/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 17/03 4/007	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	0	0
		FR - 17/03 4/016	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/03 4/025	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 17/03 4/029	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/03 5/001	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/03 5/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0

Causative agent	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	Unknown	FR - 17/03 5/006	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	13	0	0
		FR - 17/03 5/008	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	18	0	0
		FR - 17/03 7/008	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 17/03 7/016	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/03 8/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	0	0
		FR - 17/03 8/010	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	18	0	0
		FR - 17/03 8/016	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/03 8/017	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	5	0	0
		FR - 17/03 8/026	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	8	0	0

Causative agent	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	Unknown	FR - 17/04 0/001	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/04 2/006	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/04 2/007	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/04 2/010	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	0	0
		FR - 17/04 2/011	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 17/04 2/013	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/04 2/017	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0

Causative agent	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	Unknown	FR - 17/04 2/019	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 17/04 2/020	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/04 3/003	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	9	1	0
		FR - 17/04 5/006	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	11	0	0
		FR - 17/04 7/006	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 17/04 9/010	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	22	0	0
		FR - 17/05 1/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 17/05 1/006	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/05 1/007	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Infected food handler	N_A	1	12	0	0
		FR - 17/05 4/007	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0

Causative agent	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	Unknown	FR - 17/05 4/009	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/05 6/003	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	19	0	0
		FR - 17/05 7/004	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/05 7/009	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/05 7/010	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/06 1/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 17/06 2/014	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	4	0
		FR - 17/06 3/010	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/06 4/001	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	11	1	0
		FR - 17/06 7/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	15	0	0

Causative agent	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	Unknown	FR - 17/06 9/004	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 17/06 9/005	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	56	8	0
		FR - 17/06 9/007	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/06 9/014	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	35	0	0
		FR - 17/06 9/016	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	0	0
		FR - 17/06 9/018	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 17/06 9/023	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 17/06 9/028	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 17/06 9/031	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/07 1/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	20	0	0
		FR - 17/07 2/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Unknown	FR - 17/07 2/010	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	4	0
		FR - 17/07 3/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	15	0	0
		FR - 17/07 3/016	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 17/07 4/004	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	5	3	0
		FR - 17/07 5/007	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/07 5/036	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/07 5/047	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	14	0	0
		FR - 17/07 5/048	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	6	0	0

Causative agent	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	Unknown	FR - 17/07 5/049	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/07 5/052	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 17/07 5/057	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/07 5/077	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 17/07 7/018	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	12	0	0
		FR - 17/07 8/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/07 8/014	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Infected food handler	N_A	1	3	3	0
		FR - 17/07 8/017	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	6	0	0

Causative agent	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	Unknown	FR - 17/08 0/002	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/08 0/006	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	1	0
		FR - 17/08 2/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/08 3/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	7	3	0
		FR - 17/08 3/011	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/08 3/012	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 17/08 3/015	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/08 3/017	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 17/08 3/018	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 17/08 6/004	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	10	0	0

Causative agent	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	Unknown	FR - 17/08 7/001	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	11	2	0
		FR - 17/08 7/002	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	11	0	0
		FR - 17/08 7/004	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	20	0	0
		FR - 17/08 7/005	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/08 8/002	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 17/09 1/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/09 1/012	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 17/09 1/014	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	13	1	0
		FR - 17/09 1/015	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	37	0	0

Causative agent	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	Unknown	FR - 17/09 1/016	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	2	0
		FR - 17/09 1/018	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	89	0	0
		FR - 17/09 2/038	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Infected food handler	N_A	1	50	0	0
		FR - 17/09 2/039	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Infected food handler	N_A	1	50	0	0
		FR - 17/09 3/023	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/09 4/008	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	1	0
		FR - 17/09 4/016	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/09 4/029	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/09 5/001	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 17/09 5/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 17/09 5/003	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0

Causative agent	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	Unknown	FR - 17/09 5/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 17/09 5/006	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	12	0	0
		FR - 17/09 5/007	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 17/09 5/011	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/09 5/013	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 17/09 5/016	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	24	0	0
		FR - 17/09 5/021	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/97 2/004	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/97 2/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	2	0
		FR - 17/97 2/006	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 17/97 2/008	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0

Causative agent	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	Unknown	FR - 17/97 2/023	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 17/97 2/027	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	2	0
		FR - 17/97 2/030	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	15	0	0
		FR - 17/97 3/001	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	27	0	0
		FR - 17/97 3/002	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 17/97 4/001	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 17/97 4/004	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	4	0	0
		FR - 17/97 4/005	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	11	0	0

Causative agent	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	Unknown	FR - 17/97 4/006	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 17/97 4/010	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 17/97 4/011	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 17/97 4/012	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	43	0	0
		FR - 17/97 4/013	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	40	0	0
		FR - 17/97 4/014	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	22	0	0
		FR - 17/97 4/015	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	10	0	0
		FR - 17/97 4/016	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	10	0	0
		FR - 17/97 4/017	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	17	0	0
		FR - 17/97 4/018	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	10	0	0
		FR - 17/97 4/019	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	23	0	0
		FR - 17/97 4/021	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	16	0	0

Causative agent	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	Unknown	FR - 17/97 4/022	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 17/97 4/023	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	16	0	0
		FR - 17/97 4/024	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	13	0	0
		FR - 17/97 4/025	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 17/97 4/027	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/97 4/030	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	0	0
		FR - 17/97 4/034	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 17/97 4/036	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	9	0	0

Causative agent	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	Unknown	FR - 17/974/037	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/974/038	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 17/974/039	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	2	0	0
		FR - 17/974/041	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	13	0	0
		FR - 680236	General	Mixed food	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	14	0	0
		FR - 680248	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 680339	Unknown	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	unk	unk	unk
		FR - 680427	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 680843	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	18	0	0
		FR - 680914	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	3	0

Causative agent	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	Unknown	FR - 680918	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Infected food handler	N_A	1	22	0	0
		FR - 680951	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	2	0	0
		FR - 681069	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 681071	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 681078	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 681079	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 681101	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 681113	General	Other or mixed red meat and products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Unknown	FR - 681145	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 681146	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	1	0
		FR - 681149	General	Other or mixed red meat and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 681219	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	8	unk	unk
		FR - 681228	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	unk	unk
		FR - 681650	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	3	0	0
		FR - 681659	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 681701	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	10	0	1
		FR - 681704	Unknown	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	4	4	unk
		FR - 681708	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0

Causative agent	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	Unknown	FR - 681709	Unknown	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	11	0	0
		FR - 681875	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	21	0	0
		FR - 681877	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	unk	unk
		FR - 681884	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	26	0	0
		FR - 682024	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	4	unk
		FR - 682026	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682027	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682053	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	38	0	0
		FR - 682219	General	Eggs and egg products	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	8	2	0

Causative agent	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	Unknown	FR - 682223	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 682230	General	Mixed food	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	18	0	0
		FR - 682233	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 682750	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	2	0
		FR - 682941	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	8	0	unk
		FR - 682947	General	Meat and meat products	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	52	4	0
		FR - 682950	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	3	unk	unk
		FR - 683310	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Unknown	FR - 683328	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	2	unk	unk
		FR - 683546	General	Vegetables and juices and other products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	74	0	0
		FR - 683548	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	60	0	0
		FR - 683552	General	Bovine meat and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 683838	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	2	0
		FR - 683839	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683853	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 683907	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	8	0	0
		FR - 683908	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 683910	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	7	0	0

Causative agent	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	Unknown	FR - 683975	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684237	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 684238	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	50	0	0
		FR - 684331	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 684343	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	18	0	0
		FR - 684389	General	Tap water, including well water	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	7	0	0
		FR - 684392	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 684393	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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	Unknown	FR - 684535	General	Turkey meat and products thereof	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	24	0	0
		FR - 684536	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	unk
		FR - 684683	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	11	0	0
		FR - 684765	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684766	General	Tap water, including well water	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 684778	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 685225	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 685226	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	0	0
		FR - 685237	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
France - 2017	Unknown	FR - 685416	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient	N_A	1	5	0	0
		FR - 685835	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	6	0	0

Causative agent	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	Unknown	FR - 686042	General	Vegetables and juices and other products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 686262	General	Drinks, including bottled water	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686273	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 686331	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	1	0
		FR - 686546	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686635	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 686637	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 686722	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 686727	General	Fish and fish products	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 686729	General	Mixed food	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	31	0	0

Causative agent	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	Unknown	FR - 687180	Unknown	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	unk	unk	unk
		FR - 687240	Unknown	Fish and fish products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 687387	Unknown	Vegetables and juices and other products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	5	5	0
		FR - 688048	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	12	0	0
		FR - 688051	General	Vegetables and juices and other products thereof	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	22	0	0
		FR - 688052	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 688054	General	Eggs and egg products	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	11	0	0
		FR - 688056	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	117	0	0
		FR - 688167	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	12	0	0
		FR - 688494	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 688768	General	Vegetables and juices and other products thereof	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	10	1	unk

Causative agent	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	Unknown	FR - 688781	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 688782	General	Fish and fish products	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	12	0	0
		FR - 688869	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	27	0	0
		FR - 688945	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 688948	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	10	0	0
		FR - 689277	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 689594	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	5	unk	unk
		FR - 689790	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	30	0	0
		FR - 689802	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 690100	General	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	3	0	0

Causative agent	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	Unknown	FR - 690101	Unknown	Cereal products including rice and seeds/pulses (nuts, almonds)	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 690673	General	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	62	0	0
		FR - 690719	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	1	0
		FR - 690720	General	Eggs and egg products	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	8	0	0
		FR - 690910	Unknown	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	unk	unk	unk
		FR - 691856	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 692036	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	89	0	0
Verocytotoxigenic E. coli (VTEC)	Shigella	FR - 17/033/010	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	54	5	0
Vibrio parahaemolyticus	Bacillus cereus	FR - 683916	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	25	0	0

Causative agent	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
Vibrio parahaemolyticus	Unknown	FR - 17/09 1/013	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	30	3	0
		FR - 68877 2	General	Fish and fish products	N_A	Unknown	Hospital or medical care facility	Unknown	Unknown	Unknown	N_A	1	4	4	0
Virus	Clostridium perfringens	FR - 68584 0	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	2	0
	Marine biotoxins - ciguatoxin	FR - 68521 0	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	3	0	0
	Salmonella	FR - 17/03 8/025	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	34	0	0
		FR - 68295 1	Unknown	Other or mixed red meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	10	2	0
		FR - 68448 8	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	unk
		FR - 68536 8	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 68847 2	Unknown	Mixed food	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0

Causative agent	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
Virus	Salmonella	FR - 688480	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 689579	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 690163	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	23	0	unk
Unknown	Unknown	FR - 17/057/002	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	22	1	0
		FR - 680419	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 680423	General	Other foods	N_A	Unknown	School or kindergarten	Unknown	Unknown	Infected food handler	N_A	1	230	1	0
		FR - 680437	General	Eggs and egg products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	5	0	0
		FR - 680845	General	Fish and fish products	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	7	0	unk

Causative agent	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
Virus	Unknown	FR - 680852	Unknown	Other foods	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 680863	General	Other foods	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 680916	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	unk	unk
		FR - 680923	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	6	0	0
		FR - 681208	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 681227	General	Pig meat and products thereof	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	15	0	0
		FR - 681230	General	Other or mixed red meat and products thereof	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Infected food handler	N_A	1	37	0	0
		FR - 681711	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	15	0	0

Causative agent	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
Virus	Unknown	FR - 681856	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Infected food handler	N_A	1	24	11	0
		FR - 682018	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Inadequate chilling	N_A	1	7	0	0
		FR - 682052	General	Bovine meat and products thereof	N_A	Unknown	Hospital or medical care facility	Unknown	Unknown	Unknown	N_A	1	46	32	0
		FR - 682232	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	65	1	0
		FR - 682300	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Infected food handler	N_A	1	2	unk	unk
		FR - 682918	General	Vegetables and juices and other products thereof	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler; Inadequate heat treatment; Inadequate chilling	N_A	1	29	0	0
		FR - 682935	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	19	0	0
		FR - 682938	General	Sweets and chocolate	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	16	0	0
		FR - 682952	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	8	1	0

Causative agent	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
Virus	Unknown	FR - 682965	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	9	0	0
		FR - 682969	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	3	0	0
		FR - 682970	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	2	0
		FR - 682971	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 683099	General	Mixed food	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	1	0
		FR - 684384	Unknown	Bovine meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	4	0	0
		FR - 684470	General	Turkey meat and products thereof	N_A	Unknown	Canteen or workplace catering	Unknown	Unknown	Unknown	N_A	1	24	0	0
		FR - 684484	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	11	0	0

Causative agent	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
Virus	Unknown	FR - 684763	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 685207	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 685208	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 685229	Unknown	Eggs and egg products	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	11	0	0
		FR - 685241	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	25	0	0
		FR - 685246	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 685463	General	Other foods	N_A	Unknown	Residential institution (nursing home or prison or boarding school)	Unknown	Unknown	Unknown	N_A	1	30	0	0
		FR - 685838	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

Causative agent	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
Virus	Unknown	FR - 685841	General	Bovine meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 686104	Unknown	Broiler meat (Gallus gallus) and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	4	1	0
		FR - 687177	Unknown	Vegetables and juices and other products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	40	0	0
		FR - 688773	General	Eggs and egg products	N_A	Unknown	Unknown	Unknown	Unknown	Inadequate chilling	N_A	1	5	0	0
		FR - 689140	Unknown	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 689355	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	30	0	0
		FR - 689369	General	Other foods	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 689629	General	Other foods	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	29	0	0
		FR - 690659	General	Other or mixed red meat and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	5	0	0

Causative agent	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
Virus	Unknown	FR - 690663	General	Eggs and egg products	N_A	Unknown	School or kindergarten	Unknown	Unknown	Unknown	N_A	1	11	0	0
		FR - 690666	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unprocessed contaminated ingredient; Infected food handler	N_A	1	18	0	0
		FR - 690721	General	Vegetables and juices and other products thereof	N_A	Unknown	Unknown	Unknown	Unknown	Unknown	N_A	1	8	1	0
		FR - 690795	General	Other foods	N_A	Unknown	Others	Unknown	Unknown	Unknown	N_A	1	11	0	0
Yersinia enterocolitica	Unknown	FR - 681353	Unknown	Pig meat and products thereof	N_A	Unknown	Household	Unknown	Unknown	Unknown	N_A	1	2	0	0
		FR - 684258	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Unknown	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	2	0	0

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

Table Antimicrobial susceptibility testing of Salmonella 1,4,[5],12:i:- in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	80	80	80	80	80	80	80	80	80	80	80	80	80	80
N of resistant isolates	64	0	0	0	0	0	0	1	0	0	71	60	0	5
MIC														
<=0.015														
<=0.03														
0.03														
0.064														
<=0.25														
<=0.5														
0.5														
<=1														
1														
<=2														
2														
<=4														
4														
<=8														
8														
16														
32														
>32														
64														
>64														
>1024														

Table Antimicrobial susceptibility testing of Salmonella 1,4,12:i:- in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

Table Antimicrobial susceptibility testing of Salmonella 4,[5],12:i:- in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:i:- in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:i:- in Meat from bovine animals - carcass

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method:

Country of Origin: France

Sampling Type: food sample - carcass swabs

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

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

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

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method:

Country of Origin: France

Sampling Type: food sample - carcase swabs

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	62	62	62	62	62	62	62	62	62	62	62	62	62	62
	N of resistant isolates	3	0	0	0	1	0	0	2	0	0	39	36	1	1
<=0.015															
28															
<=0.03															
52															
0.03															
34															
0.064															
10															
<=0.25															
62															
12															
40															
<=0.5															
58															
59															
0.5															
41															
21															
<=1															
20															
62															
1															
4															
1															
8															
<=2															
25															
2															
37															
1															
<=4															
59															
4															
2															
2															
1															
<=8															
55															
8															
54															
3															
16															
6															
6															
32															
13															
>32															
2															
1															
64															
2															
1															
>64															
3															
35															
128															
2															
>128															
1															
>1024															
39															

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

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

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method:

Country of Origin: France

Sampling Type: food sample - carcase swabs

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

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

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method:

Country of Origin: France

Sampling Type: food sample - carcase swabs

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

Table Antimicrobial susceptibility testing of Salmonella Not typeable in Meat from pig - carcass

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method:

Country of Origin: France

Sampling Type: food sample - carcass swabs

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	N of resistant isolates	15	0	0	0	9	0	0	0	0	0	18	15	0	0
	<=0.015	5													
<=0.03	23														
0.03	19														
0.064	1														
<=0.25	24													15	19
<=0.5	24														
0.5	22														
<=1	3	24													
1	2									1	1				
<=2	9														
2	6														
<=4	24														
4	8														
<=8	14														
8	16														
16	1														
32	4												2		
64	7														
>64	15	6													
>128	9														
>1024	18														

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcass swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: France

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

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: France

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	200	200	200	200	200	200	200	200	200	200	200	200	200	200
	N of resistant isolates	88	14	0	0	38	19	2	8	0	16	106	131	0	66
<=0.015						150									
<=0.03										200					
0.03						30									
0.064						1									
0.12						2									
<=0.25				200										170	47
0.25						7									
<=0.5					200				145						
0.5						4								29	74
<=1	1							197							
1									42					1	11
<=2			2										61		
2	39							1	5						2
<=4											179				
4	64	46						2	1				8		
<=8						147						14			
8	8	117					2				4				
>8							4								
16			21			15			3		1	41			1
32			7			5			1		1	33			

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	200	200	200	200	200	200	200	200	200	200	200	200	200	200
MIC	N of resistant isolates	88	14	0	0	38	19	2	8	0	16	106	131	0	66
	>32								3						65
	64		3			3					4	6	52		
	>64	88	4										79		
	128					11					4	1			
	>128					19					7				
	1024											2			
	>1024											103			

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 pnI2

Analytical Method:

Country of Origin: France

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
	Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
MIC	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
	ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.06	0.5	0.125	32
	Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	128	128	2	16	16	128
	N of tested isolates	119	119	119	119	119	119	119	119	119	119
	N of resistant isolates	104	119	23	26	113	22	0	0	0	0
	<=0.015							83			
<=0.03							118				
0.03							28				
<=0.064	1	76									
0.064							8	1			
<=0.12						44	57				
0.12	14	19									
0.25	4	1		48			62				
<=0.5				1							
0.5			1	6		5					
1	3	3	9	16							
2	10	11	9	5	28	3	1				
4	32	7	2	50	16	12	41				
8	41	5	2	37	41	3	64				
16	10	18	6		9	3	13				
32	4	26	8		2	1					

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.06	0.5	0.125	32
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	119	119	119	119	119	119	119	119	119	119
N of resistant isolates	104	119	23	26	113	22	0	0	0	0
MIC										
64		33		8	1					
>64		16		4						

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: France

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	119	119	119	119	119	119	119	119	119	119	119	119	119	119
	N of resistant isolates	119	12	119	114	46	48	3	25	0	41	99	105	0	69
<=0.015							61								
<=0.03										119					
0.03							8								
0.064							2								
0.12							2								
<=0.25														100	21
0.25							6								
<=0.5					5				70						
0.5							10							16	28
<=1								116							
1				3	25				22					3	1
<=2			1										11		
2				12	21				2						
<=4											70				
4			29	3	17			3	2				3		
>4				101											
<=8						68						3			
8			68		39		9		4		5				
>8					12		21								
16			9			5			3		3	7			
32		1	3			3			11		4	10	1		
>32									5						69
64		1	7			3							28		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	119	119	119	119	119	119	119	119	119	119	119	119	119	119
MIC	N of resistant isolates	119	12	119	114	46	48	3	25	0	41	99	105	0	69
	>64	117	2										76		
	128					9					3				
	>128					31					34				
	256											1			
	>1024											98			

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: France

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2	
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
	N of tested isolates	214	214	214	214	214	214	214	214	214	214	214	214	214	214	
	N of resistant isolates	66	1	0	0	28	10	0	3	0	10	87	120	0	73	
<=0.015							165									
<=0.03										214						
0.03							39									
0.12							2									
<=0.25				214							191				51	
0.25							5									
<=0.5					214			133								
0.5							2								23	79
<=1		10			214											
1									68						11	
<=2			10										88			
2		35							10							
<=4											204					
4		90	62	2							6					
<=8						174					38					
8		13	125	1												
16			16			12		44							2	
32						6		1				38		6		
>32															73	
64		2	1	7							5	7	45			
>64		64													67	
128						4		3								
>128						11		2								

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	214	214	214	214	214	214	214	214	214	214	214	214	214	214
MIC	N of resistant isolates	66	1	0	0	28	10	0	3	0	10	87	120	0	73
	>1024	87													

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 pnI2

Analytical Method:

Country of Origin: France

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.06	0.5	0.125	32
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	91	91	91	91	91	91	91	91	91	91
N of resistant isolates	87	90	12	12	86	12	2	1	0	0
MIC										
<=0.015							67			
<=0.03									85	
0.03							12			
<=0.064	2		62							
0.064							10		6	
<=0.12						36		42		
0.12	2		16				2			
<=0.25		1								
0.25	6		1			34		47		
0.5	6				5	9		1		
1	3	2	1		24			1		1
2	10	1	2	8	32	2				2
4	33	7	3	40	13	1				37
8	24	9	5	31	8	5				38
16	5	30	1	2	5	4				12
32		31			4					1

AM substance										
	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.06	0.5	0.125	32
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	91	91	91	91	91	91	91	91	91	91
N of resistant isolates	87	90	12	12	86	12	2	1	0	0
MIC										
64		9		4						
>64		1		6						

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: France

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	91	91	91	91	91	91	91	91	91	91	91	91	91	91
	N of resistant isolates	91	1	90	87	18	15	0	6	0	12	73	58	0	52
<=0.015							56								
<=0.03										86					
0.03							20								
0.064										5					
<=0.25				1										69	24
0.25							7								
<=0.5					4				65						
0.5							2							22	13
<=1								91							
1				2	26				16						2
<=2													28		
2				2	36				4						
<=4											75				
4			20	6	6				3				5		
>4				80											
<=8						71						4			
8			64		9				1		2				
>8					10		6								
16			6			2			1		2	7			
32						3						7			
>32									1						52
64		1	1								1		16		
>64		90											42		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	91	91	91	91	91	91	91	91	91	91	91	91	91	91
MIC	N of resistant isolates	91	1	90	87	18	15	0	6	0	12	73	58	0	52
	128					4					3				
	>128					11					8				
	>1024											73			

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 pnI2

Analytical Method:

Country of Origin: France

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.06	0.5	0.125	32
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.064			1							
<=0.12						1				
0.25								1		
4	1				1					1
8				1						
32		1								

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

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method:

Country of Origin: France

Sampling Type: food sample - meat

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: ESBL MON

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

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

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method:

Country of Origin: France

Sampling Type: food sample - meat

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: ESBL MON pnI2

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.06	0.5	0.125	32
Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
<=0.015							1			
<=0.03									1	
<=0.064			1							
<=0.12						1				
0.25								1		
1					1					
4	1			1						1
32		1								

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

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method:

Country of Origin: France

Sampling Type: food sample - meat

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: ESBL MON

MIC	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
	Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
	Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
	N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	N of resistant isolates	1	0	1	1	0	0	0	0	0	0	1	1	0	0
<=0.015							1								
<=0.03										1					
<=0.5									1						
0.5														1	1
<=1								1							
1					1										
<=4												1			
>4				1											
<=8						1									
8			1												
64													1		
>64		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	France	N_A	315	0
	Meat from bovine animals - fresh	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Retail	N_A	Monitoring	Official sampling	food sample - meat	batch (food/feed)	France	N_A	324	0
	Meat from pig - fresh	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Retail	N_A	Monitoring	Official sampling	food sample - meat	batch (food/feed)	France	N_A	324	0
	Pigs - fattening pigs	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Slaughterhouse	N_A	Monitoring	Official sampling	animal sample - caecum	slaughter animal batch	France	N_A	327	0

Latest Transmission set

Table Name	Last submitted dataset transmission date
Antimicrobial Resistance	20-Dec-2018
Esbl	25-Jul-2018
Animal Population	25-Jul-2018
Disease Status	25-Jul-2018
Food Borne Outbreaks	25-Jul-2018
Prevalence	27-Jul-2018

Zoonoses report for France, 2017 data

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1. Institutions and Laboratories involved in zoonoses monitoring and reporting

The institutions and laboratories involved in food chain surveillance are :

- public risk managers (national control authorities: DGAL, DGCCRF, DGS) managing official surveillance plan and official control

Programs. Official controls contribute to the overall assessment of the safety control plans implemented in companies and to the verification of compliance with the legislation. They are organized according to a harmonized European approach to their design and implementation (Regulation (EC) No 882/2004). As part of the official controls implemented by the French authorities

to ensure food safety, the Directorate General for Food (DGAL) of the French Ministry of Agriculture, Agri-food and Forestry (MAAF) manages a surveillance system for contaminants in primary animal and crop production, food of animal origin and feed in collaboration with the General Directorate for Competition Policy, Consumer Affairs and Fraud Control (DGCCRF) for food of vegetal origin and control at retail level.

Food-borne outbreaks are monitored at the national level by the French Public Health Agency (santé Publique France), together with the Regional Health Agencies (ARSS) and in collaboration with the Departmental Directorates for Protection of the Population (DDecPPs), via a mandatory reporting system. Some public institutions are managing surveillance systems like the SAGIR network for wildlife (Investigations of the National Surveillance Network of Game Death Causes).

- private risk managers (operators in all stages of the food chain) managing their own-checks programs on an individual or

collective basis. Food chain operators have performance obligations and rely on an analysis of hazards and critical points for their control (HACCP) to define their own-checks schemes. These own-checks enable them to confirm the effectiveness of safety control measures. It is to be undertaken in all stages of the food chain (production, processing, and distribution) from feed to food, except for primary production. For microbiological agents found in foods, Regulation (EC) No 2073/2005 establishes a minimum list of criteria to be included in the health control plans of operators.

- Accredited analytical laboratories: they contribute to epidemiological surveillance and the early detection of outbreaks and at-risk sanitary situations, through their analytical knowledge and involvement in the local epidemiological context. They can participate in the epidemio-surveillance Platforms mentioned in Article L. 201-14 of the French Rural Code. (Decree No 2015-1902 of 30 December 2015). French départements are involved in sanitary monitoring through departmental analytical laboratories (Order No 2015-1242 of 7 October 2015).

- managers of integrated thematic surveillance programs, most often in National Reference Laboratories (NRLs). They contribute to the epidemiosurveillance missions undertaken by the State, primarily through the confirmation of first-line analysis results, the development and deployment of analytical methods, and the coordination of official laboratory networks. In institutions like Anses reference laboratories are also supported by epidemiological units dedicated to data management and analysis in order to feed research in epidemiology and scientific and technical support to risk managers.

2. Animal population

1. Sources of information and the date(s) (months, years) the information relates to

The sources of information used are:

- DISAR: a website (open access) gathering data of the French Ministry of Agriculture

<p>(https://stats.agriculture.gouv.fr/disar/) (we used 2017 data);</p> <ul style="list-style-type: none"> - BDNI: it is the National identification database managed by the French Ministry of Agriculture (assisted by farmers and other private operators), which records all the identification numbers of cattle and all their movements (2017 data; restricted access); - French Institute for Horse and Riding (IFCE). This public organism manages the national equine registry and performs an estimation of the equine population each year. Much data related to equine industry is available online (http://statscheval.haras-nationaux.fr) and in an annual report named 'Annuaire ECUS' (http://www.ifce.fr/wp-content/uploads/2017/11/OESC-Annuaire-ECUS-2017.pdf) (report published in November 2017, related to 2016 data).
2. Definitions used for different types of animals, herds, flocks and holdings as well as the production types covered
<p>The transmitted data covered the following production types: cattle, sheep, goats, pigs, fowl and equids (horses, donkeys).</p>
3. National changes of the numbers of susceptible population and trends
<p>Regarding equids, the total number of animals transmitted to EFSA is higher than previous years because we used data from IFCE, which seems more accurate than other sources (some other sources have only access to figures related to horses raised in professional structures). However, the French equine population does not increase but is decreasing since 2012 (decrease of 100 000 animals in five years). For other species, population is quite stable.</p>
4. Geographical distribution and size distribution of the herds, flocks and holdings
<p>For equids, tables and maps are available on IFCE website: http://statscheval.haras-nationaux.fr</p>

3. General evaluation: TUBERCULOSIS, MYCOBACTERIAL DISEASES

1. History of the disease and/or infection in the country

Bovine tuberculosis was endemic in France until the 1950s (herd prevalence around 25%). Due to a generalized control program set up in the 60s, the herd prevalence declined until reaching 0.09% in 1998. In 2000, France was recognized officially free from bovine tuberculosis by the European Union. However, during the last fifteen years, the evolution of the monitoring methods and surveillance pressure both in livestock and wildlife lead to discover an increasing number of cases in certain areas in wild and domestic populations.

For more information, please visit the French agency and the Reference national center websites:
<http://cnrmyctb.free.fr/spip.php?rubrique6>

<http://invs.santepubliquefrance.fr/Dossiers-thematiques/Maladies-infectieuses/Infections-respiratoires/Tuberculose/Donnees-epidemiologiques>

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

The overall situation of France regarding bovine tuberculosis remained highly satisfactory: annual incidence in bovine was well below 0.1% over the last years and in most of the infected herds that have been detected, the number of animals with lesions was very low. Diagnostic slaughtering globally increased over the last years (despite a slight decrease in 2017), proof of growing awareness among stakeholders and improved investigation of suspected cases. Information campaigns on slaughterhouse detection began to yield encouraging results with a rise in suspected cases, although the number of actual confirmations remained stable. The epidemiological situation improved in some areas. The persistence of the disease in some areas both in livestock and wildlife requires special attention and long-term efforts in order to achieve eradication.

Regarding humans, the national reference center for mycobacteria coordinates a laboratory network and collect information on patients with tuberculosis bacteriologically confirmed (positive culture). Information on *M. bovis* is collected as part of this network.

3. Additional information

For specific information on animals please visit the following websites :

- Bulletin épidémiologique : <http://bulletinepidemiologique.mag.anses.fr/fr/node/1214>
- Plateforme d'épidémiosurveillance en santé animale : <http://plateforme-esa.fr/tuberculose-bilans-et-resultats-nationaux>
- Anses: <http://www.anses.fr/fr/content/la-tuberculose-bovine>

4. Description of Monitoring/Surveillance/Control programmes system: MYCOBACTERIUM TUBERCULOSIS COMPLEX

1. Monitoring/Surveillance/Control programmes system

Scope of surveillance is Bovine tuberculosis due to *Mycobacterium bovis*, *Mycobacterium tuberculosis* or *Mycobacterium caprae*. The monitored population is all cattle farms across France. Other susceptible populations undergo routine surveillance through post-mortem inspection at the slaughterhouse, particularly goats, sheep, and swine, as well as farmed deer. Monitoring of wildlife such as deer, wild boars and badgers, follows specific protocols.

Sampling strategy and Frequency of the sampling

- Cattle

Surveillance of bovine tuberculosis is active and involves several complementary systems.

Systematic surveillance at the slaughterhouse: inspection of all slaughtered animals for human consumption.

Programmed surveillance: testing required to obtain and maintain the officially disease-free status of herds. The general rule is annual screening of all cattle over six weeks through single intradermal tuberculin testing (SIT); regarding the disease status at the department scale (or at a smaller scale), the screening of each herd may be implemented every two, three or four years or even stopped. Irrespective of the time interval applied in a department, programmed screening can be requested annually for a period of three to five years on production sites that are classified at-risk due to epidemiological links to an infected farm.

Screening can also be implemented when animals are moved.

- Sheep, goats, pigs and farmed deer

Examination of lesions in slaughterhouse (no routine tuberculin tests).

- Wildlife

Since the discovery of the first red deer infected with tuberculosis in Brotonne forest (Seine-Maritime) in 2001, wild infected animals have subsequently been identified in several départements across France: Côte-d'Or, Corse-du-Sud, Haute-Corse, Pyrénées-Atlantiques, Dordogne, Charente, Ariège, Ardennes, Landes, Lot-et-Garonne. At the end of 2011, on the initiative of the Ministry of Agriculture, a national surveillance program called Sylvatub was established as part of the National Epidemiological Surveillance Platform for Animal Health (<https://www.plateforme-esa.fr/node/35789>). It includes outbreak and programmed surveillance protocols with the aim to carry out an integrated assessment of sampling procedures, to harmonise diagnostic methods, and to centralise data from various surveillance systems. This surveillance covers several animal species:

- badgers: outbreak surveillance (animals found dead on the roadside or collected by the SAGIR network) and programmed surveillance (badgers captured in at-risk areas),

- deer: outbreak surveillance (suspicions on lesions in hunted animals and deer found dead collected by SAGIR network) and programmed surveillance (hunted animals in at-risk areas).

- wild boars: outbreak surveillance (suspicions on lesions in hunted animals and wild boars found dead collected by SAGIR network) and programmed surveillance (hunted wild boars in at-risk areas).

- Other susceptible species (wild, domestic, captive animals, pets): surveillance of suspicions (via veterinary clinics, zoos, hunters...).

Type of specimen taken

Blood (interferon IFN gamma), organs

Case definition

Regulatory definitions of cases were established in Article 12 of Ministerial Order dated 15/09/2003, as amended:

- Suspected infection: Lesions indicative of tuberculosis at the slaughterhouse or on necropsy, or on the

basis of a positive histology finding, or a positive PCR result without identification of the bacillus, Non-negative tuberculin reactions and/or non-negative results for the interferon gamma assay (IFN-gamma) during a prophylactic procedure or other control, irrespective of the justification for the control.

- Confirmed infection: Identification of *Mycobacterium bovis* or *Mycobacterium tuberculosis*, Observation in the same animal of a positive PCR analysis associated with histological lesions indicative of tuberculosis identified by an accredited laboratory, or in an animal from a suspect herd for a reason other than a positive result, Histologically suggestive lesions for tuberculosis in an animal that had a positive intradermal tuberculin test.

Regulations provide for other definitions of infected animals, but they are not used in routine practice.

2. Measures in place

Control measures aim to confirm the status of suspect animals and, if necessary, to eliminate infection from the herd. In 2012, testing protocols for suspected cases were harmonized nationally, taking into account the different initial tests (SIT [single intradermal tuberculin testing] or SICTT [single intradermal comparative tuberculin testing]). The following principles are universally applicable: if non-negative results are found for a farm, a risk analysis is carried out by the local veterinary services to assess whether the suspicion is low or high on the basis of epidemiological criteria, and if necessary additional investigations are carried out to test all or part of the herd, as part of control measures, using either SICTT or, when available, IFN-gamma with specific peptides in an experimental setting. In the event of low suspicion, animals are retested six weeks later or are directly slaughtered diagnostically. In this case, damaged organs are sampled and, whether or not lesions are found, retropharyngeal, mediastinal, and tracheobronchial lymph nodes are sampled and tested for mycobacteria by PCR and cell culture. If suspicion is high from the outset, or because reactions to tests performed six weeks after low suspicion confirm the suspected cases, reactors are slaughtered diagnostically and other cattle in the herd are retested after this diagnostic slaughter of confirmed animals. If an infection is confirmed, farms to which the disease may have spread or farms that may have been the source of the infection are identified and investigated (farms likely to be infected because of an epidemiological link). Testing is carried out using SIT, SICTT or diagnostic slaughter, and the farms may then be classified at-risk. If an infection is confirmed, the infected farm is cleansed. This generally involves complete depopulation of the herd with increased inspection at the slaughterhouse, followed by cleaning-disinfection. In certain specific cases, control measures may involve partial depopulation.

In this scenario, animals are tested using SICTT and IFN-gamma on several occasions. Reactors are slaughtered for diagnostic purposes. The herd is considered to be cleansed after two favorable tests have been performed at a two-month interval, and is considered reclassified after one further favorable control.

3. Notification system in place to the national competent authority

Yes.

4. Results of investigations and national evaluation of the situation, the trends and sources of infection

Over the last three years, the incidence of bovine tuberculosis at herd-level was lower than 0.05% in France and the country has maintained its status as officially free from bovine tuberculosis. The aim of the surveillance is to eradicate the disease where it still occurs and to detect as early as possible new outbreaks to maintain the status. The legal framework makes the eradication particularly hassling, besides it is complicated locally by the infection of wildlife and the wide presence of germs producing nonspecific reactions.

5. Additional information

For specific information on animal side consult the specific page about tuberculosis on <http://www.platforme-esa.fr> and <http://www.anses.fr/fr/content/la-tuberculose-bovine>

5. General evaluation: Brucella

1. History of the disease and/or infection in the country

Brucella strains are known to actively circulate into wildlife in France (*B. suis* biovar 2) at least since the beginning of years 2000 when the first surveys have been implemented on wild boars. This explains that meanwhile the disease is regularly detected on free ranging pig farms with poor biosecurity conditions (2 outbreaks in 2016 and 5 outbreaks in 2017).

Other strains (*B. suis* biovar 3) are known to circulate in hare populations. The detection level remains quite stable with 8 cases in 2016 and 5 cases in 2017 (Investigations of the National Surveillance Network of Game Death Causes (SAGIR : <http://www.oncfs.gouv.fr/Reseau-SAGIR-ru105>). These biovars of *B. suis* are classically considered as non-pathogenic to humans, but seven human cases were reported in France in 2004, 2005, 2012, 2015 and 2016 in patients with comorbidity and due to regular and important exposure to wild boars and/or hares.

Following the discovery of two human cases of brucellosis in France in 2012/2013, associated with the consumption, in 2011, of a fresh cheese made from raw milk from a Haute-Savoie (department of the Alpes) dairy farm suffering from brucellosis, the presence of a wild reservoir of *Brucella melitensis* biovar 3 was confirmed in 2012 in a population of alpine ibex (*Capra ibex*) from the Bargy Massif.

Extensive studies on this population have shown high seroprevalence (> 40%) and detection of the common bacterium (56%) in seropositive animals. The management measures implemented were based partly on targeted partial slaughtering, first according to the age of the animals (2013: slaughter of animals aged 5 and over) and then according to the knowledge of their serological status (slaughter animals tested seropositive, labelling seronegative animals released), and in the spring of 2015, indiscriminate slaughter of unmarked animals. These measures have halved the size of the population, but have not allowed it to eradicate infection.

The recent cases highlight the importance of maintaining the national surveillance strategy, based on both the annual serological surveillance of all cattle herds as well as on abortion notification. This shows that, despite a generally well-implemented surveillance scheme, and even though abortion notification can still be improved, vigilance should be maintained throughout the country.

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

France has been recognized as officially free of bovine brucellosis by the European Commission since 2005.

The risk of humans contracting brucellosis from animals is assumed to be extremely low.

3. Additional information

For more information, please visit the Bulletin épidémiologique website
<http://bulletinepidemiologique.maq.anses.fr/fr/node/1214>

6. Description of Monitoring/Surveillance/Control programmes system: BRUCELLA IN CATTLE

1. Monitoring/Surveillance/Control programmes system

Objectives of the surveillance programme

- Early detection of any re-emergence of brucellosis in domestic cattle.
- Provide evidence of the country's officially bovine brucellosis-free status.

Surveillance procedures

Programmed surveillance

Programmed surveillance consists of annual serological screening either through blood samples from at least 20% of animals over 2 years of age, or on pooled milk from herds to be monitored. An exemption from annual serological screening may be granted by the DDecPP under certain conditions described in the Ministerial Order of 22 April 2008 for fattening herds in which cattle are kept in closed facilities.

Blood screening is carried out using the Rose Bengal Test (RBT)(1). The complement fixation (CF) test, which is more specific than the RBT, is only implemented in the event the RBT proves positive (a negative CF can refute a positive RBT). Milk screening is performed using an ELISA method.

Outbreak surveillance

Reporting all abortions is mandatory. Any cow that aborted must undergo serological screening by RBT and a swab sample from the uterine cervix is taken for bacteriological analysis in the event of positive serology (positive RBT and CF).

Case definition

A case is an animal:

- from which *Brucella* sp has been isolated,
- with a positive result to serological tests when originating from an infected herd

Diagnostic/analytical methods used

The diagnostic methods are serology (serum testing by: RBT, CF, ELISA and bulk milk testing by ELISA), bacteriology, PCR, and brucellin skin-test.

2. Measures in place

Vaccination policy

Vaccination of animals against brucellosis is expressly forbidden by animal health legislation.

Investigation of non-negative results in programmed surveillance

The result of individual screening on blood is considered to be unfavourable when both tests (RBT and then CF) are successively positive. Blood screening leads to a suspected case being declared (i.e. the issuing of a Prefectural Monitoring Order (APMS)) only after two series of controls at a six to eight week interval, both of which were unfavourable. A brucellin test is then carried out. If screening on milk produces an unfavourable result, a second control on pooled milk is carried out six to eight weeks later. If the second repeat control is positive, the sample is sent to the NRL, which performs a ring test. If this new test gives a positive result, the herd is placed under APMS and the animals that contributed to the pooled milk undergo individual serological controls (RBT and CF). If some of these serological controls yield unfavourable results, a brucellin test is then carried out. The brucellin test is performed on a group of animals (10 individuals) including the animals that reacted positively to the previous individual serological tests plus seronegative contact animals. If the brucellin tests (or, in their absence, a renewed individual serological control) are positive, then diagnostic slaughter is performed to detect *Brucella* on the lymph nodes. The herd is considered infected and placed under APDI if a *Brucella* strain is detected on culture, or if the suspected farm has a direct epidemiological link to an infected farm, through animal movements, for example.

Investigation of non-negative results in outbreak surveillance

If screening of a positive cow having aborted is positive, the farm is placed under APMS and the uterine cervix swab is taken for bacteriological analysis. If the swab is not available or cannot be collected, for example if antibiotics have been administered, diagnostic slaughter of the animal is performed to carry out bacteriological testing of the lymph nodes. The farm is placed under APDI if the bacteriological analysis is positive.

Measures taken in herds under Prefectural declaration of infection (APDI)

The whole herd is slaughtered if *Brucella abortus* or *B. melitensis* is isolated.

The control strategies in place

Bovine brucellosis control is based on technical collaboration between the veterinary services, the sanitary veterinarians, the veterinary or the dairy inter-professional laboratories and the Animal Health Groups (AHG). In each department, an AHG brings together the stockbreeders, the veterinary services, the agricultural organizations, the veterinary practitioners and veterinary laboratories. The regulation stipulates that any cattle herd shall acquire and preserve the "officially bovine brucellosis free" status. The regulation lays down that vaccination is forbidden. Herd testing and introduction tests for movements

considered at risk are mandatory. Abortions which are mandatory notifiable, have to be officially investigated. Slaughtering of infected animals is mandatory. The total depopulation of an infected herd is mandatory. The AHG created for more than 40 years inform the stockbreeders and share out the costs of the surveillance/eradication program among the stockbreeders (members of AHG). Under the supervision of the DD(CS)PP/DAAF (local veterinary services), the sanitary veterinarians take the official blood samples, which are analyzed by the departmental (public) veterinary laboratories. The inter-professional dairy laboratories perform the routine test on bulk milk. These laboratories are approved for testing brucellosis and are regularly involved in inter-laboratory proficiency tests organized by the National Reference Laboratory for brucellosis (Anses). The local vet service receives the results of the analyses, ensures the follow-up of the herd status, performs the procedures for differential diagnosis of the disease as well as supervises the cleaning and disinfection of herds infected. The CCA (General directorate for food Animal Health Unit) works out the regulation and collects the epidemiological data. Anses (bacterial zoonosis Unit national, EU and OIE/FAO reference laboratory for animal brucellosis), brings a scientific and technical support to CCA, identifies the strains of *Brucella* isolated in France and controls all the diagnostic reagents batches.

3. Notification system in place to the national competent authority

Bovine brucellosis is a notifiable disease under animal health legislation. Notification of abortion is compulsory. Aborting animals and abortion material are sampled for serological and bacteriological examinations.

4. Results of investigations and national evaluation of the situation, the trends and sources of infection

France is officially brucellosis free (OBF) since September 2005 in accordance with the Community legislation (decision CE/2003/467).

In 2017, around 192 500 herds, housing nearly 19 million bovines were included in the surveillance program of bovine brucellosis. In 2017, 108 000 herds were submitted to serological tests and 56 000 herds were submitted to tests on bulk milk for brucellosis.

The annual herd prevalence rate, which was 1.65% in 1984, decreased to 0% in 2004 and remained as such up to now. The annual herd incidence rate, which was 0.5% in 1985, decreased to 0% in 2004 and remained as such up to now. The previous abortion case caused by *Brucella* in cattle occurred in June 2002. Therefore, bovine brucellosis was considered eradicated and France achieved Officially Brucellosis Free status in September 2005. Report on bovine brucellosis surveillance in 2012: Two outbreaks of bovine brucellosis were reported in 2012. The first was due to the recent introduction of an infected animal from a Belgian outbreak (*B. abortus* biovar 3) without spread neither to the rest of the holding nor to other holdings. The second was an autochthonous and isolated outbreak due to *B. melitensis* biovar 3 in a raw milk cheese producing farm. Further investigations have identified a potential wildlife reservoir. Both infected herds have been depopulated without delay.

The risk of humans contracting brucellosis from bovine animals is assumed to be extremely low.

5. Additional information

Additional information can be obtained in the report sent to EC (Health and consumer directorate), dealing with the information about the diseases targeted in annex E of directive 64/432 of the council.

7. Description of Monitoring/Surveillance/Control programmes system: BRUCELLA MELITENSIS –SHEEP AND GOAT

1. Monitoring/Surveillance/Control programmes system

Objectives of the surveillance programme

- Detect as early as possible the emergence of any new outbreak in domestic sheep and goats.
- Provide evidence on the status of the 95 departments considered officially sheep and goat brucellosis-free

Surveillance procedures

Programmed surveillance

Programmed surveillance is based on mandatory serological screening performed at a rate that can vary between departments.

The maintenance of herd qualification is based on the screening, at a predefined rate, of a representative fraction of animals, defined as follows:

- all non-castrated males over the age of six months,
- all animals introduced (excluding by birth) into the holding since the previous test,
- 25% of females of reproductive age (sexually mature) or in lactation, with no fewer than 50 per farm. On farms where there are fewer than 50, all these females must be tested.

Since the implementation of the new decree, the representative fraction of animals to be screened in herds has been the same for sheep and goats (whereas previously 100% of goats had to be screened), irrespective of the type of production (raw milk products or any other).

By default, the fraction of animals defined above is tested annually. The control interval can, however, be relaxed depending on the department where the herd is located, except for producers of raw milk, for which the rate is still annual.

In departments that are officially brucellosis-free, officially brucellosis free herds retain their status if the departmental screening programme is carried out correctly.

In addition, the Prefect may impose stricter measures, including the maintenance of annual testing for herds deemed at risk (for example, farms with an epidemiological link to an outbreak, or because of practices related to transhumance).

Before the entry into force of the new provisions for surveillance, the relaxed screening rate could be as infrequent as every ten years. Currently, the maximum applicable attenuation is five-year programmed screening (Memorandum DGAL/SDSPA/2014-157 published on 27-02-2014 relative to sheep and goat brucellosis: programmed and outbreak surveillance).

Outbreak surveillance

The rules governing the reporting of abortions have been modified, so as to revive the awareness of breeders and veterinarians regarding this procedure and adapt to situations frequently encountered on farms. All abortions (even isolated cases) must be recorded in the farm register, but now only the reporting of abortive episodes (defined as three or more abortions, over a period of seven days or less) is mandatory. If this threshold is reached, the farm's veterinarian must be informed of the episode, so that investigations may be initiated. However, if the veterinarian considers that an abortion in a herd of small ruminants is suggestive of brucellosis, especially in small herds, then the veterinarian may report the suspicion, which triggers investigations under the same technical and financial conditions (operations financed by the State) as a suspicion based on three successive abortions.

The definition of abortion in small ruminants has also been revised in order to improve the positive predictive value of reports of abortions regarding brucellosis. Abortion is now defined as follows: "An infectious abortion is defined as the expulsion of a foetus or a stillborn animal or one that dies within twelve hours of birth, excluding abortions that are clearly of accidental origin" (Article 2 of the Ministerial Order of 10 October 2013). Therefore, clearly accidental abortions and animals dying after twelve hours of birth are no longer taken into account.

Laboratory techniques

Investigation of non-negative results in programmed surveillance

The screening test used for programmed surveillance campaigns is a Rose Bengal Test (RBT). The

<p>complement fixation (CF) test is only used in the event the RBT proves positive. A result is considered unfavourable when both tests are positive (a negative CF can refute a positive RBT).</p> <p>Suspensions (i.e. giving rise to an APMS) with programmed surveillance are only issued after two rounds of unfavourable tests (unfavourable initial serological screening, then a repeat test six to eight weeks later again unfavourable for RBT and CF). A brucellin test is then performed for a group of animals (20 individuals) including the animals that reacted positively to the previous individual serological tests and seronegative contact animals (if brucellin testing is not possible, the positive animals are again tested serologically individually).</p> <p>If the brucellin tests (or, in their absence, a renewed individual serological control) are positive, then diagnostic slaughter is performed to search for <i>Brucella</i> on the lymph nodes. The herd is considered infected and placed under Prefectural declaration of infection (APDI) if a <i>Brucella</i> strain is detected on culture, or if the suspected farm has a direct epidemiological link to an infected farm, through animal movements, for example.</p> <p>Investigation of non-negative results in outbreak surveillance</p> <p>Abortions are investigated by serological testing. A swab sample from the uterine cervix of aborting females is also taken for bacteriological analysis if the serological analysis proves positive (both RBT and CF positive); failing that, diagnostic slaughter is performed.</p> <p>A farm is placed under APMS following an abortion if serological testing is unfavourable (RBT and then CF if the RBT is positive). The farm is placed under APDI if the bacteriological analysis of the swab is positive.</p> <p><u>Case definition</u></p> <p>An infected animal is an animal from which <i>Brucella</i> sp has been isolated (except <i>B. ovis</i>): <i>B. abortus</i>, <i>B. melitensis</i></p>
<p>2. Measures in place</p> <p>Vaccination of bovines, sheep and goats against brucellosis is forbidden.</p> <p>Ovine or goat brucellosis control is based on technical collaboration between the veterinary services, the sanitary veterinarians, the veterinary or the dairy inter-professional laboratories and the Animal Health Groups (AHG). In each department, an AHG brings together the stockbreeders, the veterinary services, the agricultural organizations, the veterinary practitioners and veterinary laboratories.</p> <p>The national surveillance program is devoted to detecting any reintroduction and to extending this status throughout the whole country. It consists of annual serological surveillance within flocks as well as abortion notification.</p> <p>In case of isolation of <i>Brucella</i> from sheep or goats, the herd of origin is considered as infected and total depopulation is implemented.</p>
<p>3. Notification system in place to the national competent authority</p> <p>Ovine and caprine brucellosis are a notifiable disease under animal health legislation. Notification of abortion is compulsory (see above for exact definition). Aborting animals and abortion material are sampled for serological and bacteriological examinations.</p>
<p>4. Results of investigations and national evaluation of the situation, the trends and sources of infection</p> <p>Ninety-five "departements" of France are recognized officially free for small ruminants brucellosis (<i>B. melitensis</i>) since 2014 (decision 2014/892/UE) and no case has been reported in France since 2008.</p>
<p>5. Additional information</p> <p>Additional information can be obtained in the general brucellosis report</p>

8. Description of Monitoring/Surveillance/Control programmes system: BRUCELLA IN PIG

1. Monitoring/Surveillance/Control programmes system

The aim of porcine brucellosis surveillance is to detect outbreak events rapidly, in order to prevent the spread of the disease to other holdings and, depending on the strains involved, to prevent the risk of zoonosis.

For quarantine and artificial insemination (AI) centres (Directive 90/429/EEC), the goal is to ensure that only disease-free boars are used for artificial insemination purposes.

The population monitored

Domestic swine and farmed wild boars throughout mainland France.

Scope of surveillance programme

Brucella suis biovars 1, 2 and 3, *Brucella melitensis* and *Brucella abortus*.

Surveillance procedures

Porcine brucellosis is monitored by outbreak surveillance (testing after observation of clinical signs) in all holdings (see section 3 below), and programmed surveillance (routine serological testing) in quarantine stations and AI centres.

Programmed surveillance was set up (professional initiative) in late 2010 for holdings of the Noir de Bigorre (Gascon) breed and for local breeds shown at the Paris International Agricultural Show.

Programmed surveillance

Programmed surveillance targets boars used for AI (which are also tested for Aujeszky's disease and classical swine fever), due to the potential role of semen in the spread of brucellosis (the combination of antimicrobials added to collected semen does not eliminate *Brucella*). This serological surveillance is not generalised to other types of holdings that may nonetheless run the risk of the spread or introduction of *Brucella* because serological tests are known to have low specificity and frequent false positives.

A herd becomes suspect in one of the following three circumstances:

- observation of epi- or enzootic clinical signs associated with positive serological tests,
- herds with an epidemiological connection to an infected holding,
- in accredited AI centres or quarantine stations, positive serological reactions as defined in Memorandum 2004/8134 of 12 May 2004.

No specific programmed surveillance is implemented in wildlife.

2. Measures in place

Epidemiological investigation during an outbreak (trace-back/trace-forward surveys)

For suspected outbreaks, samples are taken by mandated veterinarians for serological testing (blood samples in vacutainer collection tubes) from all breeding pigs or bacteriological analyses (peri- or endocervical swabs. or samples of vaginal secretions in sows having aborted or those that show reproductive disorders and/or, after diagnostic slaughter, samples of lymph nodes and/or uterus tissue in sows having aborted, of affected testes for boars with orchitis, of joint fluid from any arthritic pig).

3. Notification system in place to the national competent authority

Outbreak surveillance

Outbreak surveillance is based on the surveillance of clinical signs typical of brucellosis infection: early abortion with early return to oestrus (abortion or embryonic resorption can affect up to 50% of breeding sows in a holding, while 95% of breeding sows may be infertile), acute orchitis or any other reproductive

disorder of an enzootic nature. Arthritis and paresis arising from bone and joint injury can also indicate brucellosis.

In case of a clinical suspicion, the veterinary practitioner has to notify it to the departmental veterinary services.

Health control measures

Given the low specificity of clinical signs, any suspected holdings are only placed under prefectural monitoring order (APMS) if the clinical suspicion is confirmed by positive serological results. However, for quarantine stations or AI collection centres, due to the impact that any delay would have for the notification of brucellosis, and given the type of surveillance (clinical and serological), these centres are placed under APMS as soon as positive serological test results are obtained.

Definition of an outbreak

An outbreak of porcine brucellosis is confirmed:

- if the *Brucella* bacterium has been isolated,
- if at least 10% of breeding pigs are seropositive,
- in accredited quarantine stations and AI centres, if the suspected pig(s) originated from an infected holding.

Except for quarantine stations and AI centres, confirmation is thus based on isolation of the pathogen (high specificity, but low sensitivity), or positive serological results (low specificity, but high sensitivity, particularly due to cross-reactions with *Yersinia enterocolitica* O:9).

In the absence of any suggestive clinical signs, therefore, isolated positive serological reactions do not in any way constitute a suspicion of brucellosis according to the Ministerial Order of 14 November 2005.

Measures taken in the event of confirmed outbreaks

When an outbreak is confirmed, the prefectural monitoring order is replaced with a prefectural declaration of (brucellosis) infection (APDI).

Depending on whether the bacteria could be typed and on the *Brucella suis* biovar isolated, the fate of breeding pigs and growing-finishing pigs differs in terms of whether the meat is subject to mandatory seizure (condemned) or heat treatment. When an outbreak has been confirmed, the entire herd is culled. Ruminants and dogs on the premises are also tested. Epidemiological trace-back and trace-forward surveys are conducted for the six months preceding the first suspicion of outbreak. Depopulation is followed by cleaning and disinfection.

4. Results of investigations and national evaluation of the situation, the trends and sources of infection

Cases in domestic pigs holdings are linked with infection in wild boars due to weak biosecurity measures.

9. General evaluation: SALMONELLA

1. History of the disease and/or infection in the country

The gastro-intestinal tract of mammals (pigs and cattle) and birds (domestic poultry) is the principal reservoir of *Salmonella* spp. Some strains can also be found in other sources, such as cold-blooded animals (reptiles, turtles) and aquatic animals (mollusks, fish).

Non-typhoid human salmonellosis are considered to be zoonotic diseases. Transmission to humans mostly occurs through the consumption of raw or undercooked contaminated foods.

Although the number of salmonellosis cases has been decreasing since control programs were implemented in the poultry sector, *Salmonella* remains the major cause of food-borne outbreaks of bacterial origin in Europe (EFSA & ECDC, 2015).

In different surveys relative to declarations of foodborne outbreaks, the most frequently incriminated foods are eggs and products based on raw eggs or eggs having undergone insufficient heat treatment, dairy products (raw or slightly heat-treated milk) and also meat (beef, pork and poultry meat). However, the cases described in the literature mention several other foods (fruit and vegetables, shellfish, etc.).

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

Surveillance of salmonellosis cases in human is published by the National reference center: <https://www.pasteur.fr/fr/sante-publique/CNR/les-cnr/escherichia-coli-shigella-salmonella>

3. Additional information

The *Salmonella* network is a national epidemiological surveillance network which specifically monitors salmonella of non-human origin. For more information, please visit the website : <http://bulletinepidemiologique.mag.anses.fr/sites/default/files/SSA15final.pdf>

10. Description of Monitoring/Surveillance/Control programmes system: PIG CARCASSES/SALMONELLA

1. Monitoring/Surveillance/Control programmes system

Pork is one of the sources associated with human cases. In 2015 in France, 18% of food-borne outbreaks caused by Salmonella involved meat and 16% involved delicatessen meat (all species combined) (SPF, 2015).

The lack of harmonized control programs in the pig and pork sector in Europe led the European Commission to reinforce supervision by the competent authorities in this area in 2015. Of the various supervision methods proposed by the European Commission under Regulation (EU) 218/2014, France chose to implement a system for the collection and centralization of the results of own-check undertaken in accordance with Regulation (EC) No 2073/2005 in all pig slaughterhouses.

Own-checks are undertaken weekly in every slaughterhouse, randomly, with five carcasses from the same slaughter day, according to technical instruction DGAL/SDSSA/2015-619. The sampling day must change every week. For slaughterhouses that do not operate five days a week, samples can be taken every five days of actual slaughter. For plants with several slaughter chains, an own-check plan is established for each chain. This sampling frequency can be reduced to every fortnight (or every 10 days of actual slaughter) if the interpretation of the results is satisfactory for 30 consecutive weeks or for slaughterhouses for which the slaughter volume is less than 1000 heads per year.

Samples are collected using a non-destructive method, with a sponge used for the sampling of four different sites per carcass. The sampling area is at least 100 cm² per site. Samples are commonly taken from the leg, loin, belly and neck.

Salmonella testing is performed using reference method NF EN ISO 6579 "Microbiology of foods – Horizontal method for the detection of Salmonella spp., or any equivalent alternative method certified by AFNOR Validation.

2. Measures in place

3. Notification system in place to the national competent authority

Yes. In 2017, the official control authorities entered, in a specific form, the results of the regulatory own-check undertaken by each slaughterhouse, specifying the following information: corresponding period, number of samples taken and number of positive results.

4. Results of investigations and national evaluation of the situation, the trends and sources of infection

At national level, the average contamination rate observed in 2016 is significantly lower (Chi2 test, SAS 9.4) than the one observed in 2015 (6,8% versus 5,1%, out of more than 16 000 annual results). In 2017, the average contamination rate is 3,9%.

11. Description of Monitoring/Surveillance/Control programmes system: SALMONELLA IN FOODSTUFFS

1. Monitoring/Surveillance/Control programmes system

Surveillance plans have been regularly organized by the General directorate for food (DGAL) focusing sensible food products at production step. In addition, control plans are also organized by DGCCRF at retail level.

For information on surveillance or control plans organized by the General directorate for food, please visit : <http://agriculture.gouv.fr/plans-de-surveillance-et-de-contrôle>

2. Measures in place

Preventive measures are based on the implementation by professionals of their food safety management system in the frame of EU regulations 178/2002 and 852/2004.

For information on measures in case of the positive findings or single cases, please visit : http://agriculture.gouv.fr/IMG/pdf/Guide_Gestion_Alerte_Revision_2_jlt_2009_COMPLETEE_VDef_cle09fc34.pdf

3. Notification system in place to the national competent authority

Yes.

12. Description of Monitoring/Surveillance/Control programmes system: Salmonella in poultry farms

1. Monitoring/Surveillance/Control programmes system

The purpose of monitoring Salmonella in poultry flocks is to prevent the occurrence of foodborne illness. To this end, the overall objective of surveillance is to detect the presence of any Salmonella infection in targeted poultry sectors in order to allow appropriate control measures to be put in place. Salmonella is transmitted throughout the production pyramid, the surveillance is not only about poultry production (of eggs or meat) but also on breeding poultry. The specific objectives of the surveillance are:

- Detect, control and eradicate poultry infections with Salmonella serotypes classified as first-category health hazards according to Decree No. 2012-845 of 30 June 2012 to reduce their prevalence and the risk to public health;
- assess progress in results;
- monitor the emergence of all Salmonella serotypes.

Population under surveillance

For Salmonella serotypes classified as first-category health hazards, the French regulation includes in the definition of Salmonella Typhimurium "variants": 1,4, [5], 12, i: -, 1,4, [5], 12, -: 1,2 and 1,4, [5], 12, -: -:

All herds of Gallus gallus (hens) and Meleagris gallopavo (turkeys), regardless of their production stage, geographical location or epidemiological context, are concerned. However, "small" herds (less than 250 birds) are exempt.

Table 1: Poultry population under surveillance for Salmonella

	Salmonella Enteritidis	Salmonella Hadar	Salmonella Infantis	Salmonella Typhimurium	Salmonella Virchow
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Breeding flocks <i>Gallus gallus</i>	x	x	x	x	x
Breeding flocks <i>Meleagris gallopavo</i>	x			x	
Egg production flocks <i>Gallus gallus</i>	x			x	
Meat production flocks <i>Gallus gallus</i> et <i>Meleagris gallopavo</i>	x			x	

Sampling strategy

The sampling is carried out by a sanitary veterinarian or by a delegate previously trained in the sampling technique under the responsibility of the veterinarian, or by the local veterinary services agents:

- in poultry farms and hatcheries, the frequency and methods of sampling programs are set at least by European regulations and reinforced by France on its own initiative;
- other serotypes of *Salmonella* (second category hazards): the surveillance based is based on a systematic sampling program carried out before the transfer or reform of each flock of poultry.

It should be noted that since 2013, all farms breeding adult turkeys with more than 250 heads are subject to official controls, whereas previously the European regulations only required sampling of 10%.

2. Measures in place

Control measures remain unchanged since 2009; they were extended to turkey flocks in 2010.

- Suspicion: any positive test result for samples taken in the environment of a poultry flock. The flock concerned is then placed under Prefectoral decree resulting in marketing restrictions. The local veterinary services is conducting a series of official samples to confirm or discard the infection, the suspicion is reversed if two successive series of samples are negative, the infection is confirmed if one of the samples is positive. However, for fattening broilers and turkeys, no systematic confirmation has been carried out since the removal of muscle confirmation samples by the order of 24 April 2013, the Prefectoral decree taken after a first positivity being sufficient to implement the required animal health measures.

- Confirmation: if confirmed, the farm is subject to a Prefectoral declaration of infection and the animal health measures vary according to the type of production. In all cases, a cleaning-disinfection must precede the installation of a new band:

- > breeding eggs or future pullets for eggs for consumption, the early elimination of poultry and effluents is mandatory;
- > in the laying stage, early elimination of herds is encouraged by financial support measures but is not compulsory; however, all eggs from an infected herd are destined for the industry where they undergo heat treatment;
- > the cleaning and disinfection operations are imperative, the effectiveness of which must be officially validated so that the building can be re-loaded and for any compensation to be paid.

Regarding broilers, the new order of 24 April 2013 made the following changes:

- > realization of confirmatory samples limited to very specific cases that will be specified by ministerial instruction, in the event of risk of transmission to laying hen or breeding flocks;
- > in case of positivity of the confirmatory samples (Prefectoral decree of infection), possibility of carrying out the total slaughter of the infected herd in a short time (according to the importance of the risk of contamination on exposed farms);
- > taking into account of the publication of Regulations (EU) 200/2012 (relating to broilers) and 1190/2012 (on turkeys for fattening) extending to six weeks the period of validity of the results of analysis before slaughter in long fattening period, respectively 81 days (chickens) and 100 days (turkeys), or organic production.

Isolated strains in the context of screening are stored in the *Salmonella* NRL of Anses-Laboratory Ploufragan-Plouzané, which allows retrospective studies of typing or antimicrobial resistance profile.

3. Notification system in place to the national competent authority
Salmonellosis surveillance is based on a census screening of poultry farms. Notification is therefore based on laboratory results: all positive results are further investigated to control the infection.
4. Results of investigations and national evaluation of the situation, the trends and sources of infection
<p>A favorable trend has been observed since the implementation of salmonella risk control programs for the various sectors, with the exception of poultry meat. With regard to breeding turkeys, the number of annual cases remains low, the number of herds involved and therefore analyzed is itself low. Since the beginning of the program, however, it is difficult to accurately compare prevalence data year after year, since the calculation rules have changed (count of herds put in place and then lots analyzed from 2011 on, search for variants of Salmonella Typhimurium to from 2010). Nevertheless the implementation of systematic surveillance and control programme in the framework of the European legislation has led to a drastic decrease in the prevalence of Salmonella infected poultry farms. Surveys undertaken in the early 2000 estimated prevalence rates of 8.65 % in broilers and 17.6 % in laying hens in 2005 that can be compared to the 0.5 % for broilers and 1.1 % for laying hens obtained in 2017.</p> <p>The European regulation sets prevalence targets detailed above for each pathway, which are calculated for adults only for regulated salmonellae, including variant 1.4, [5], 12, i: -, and excluding others. These objectives have therefore always been respected by France for the four sectors considered.</p> <p>With regard to breeding flocks, it is clear that the spawning sector has almost always been spared from the salmonella threat, while the meat production sector, which is more concerned and more significant in terms of numbers, remains to be monitored, despite a gradual decrease in the prevalence of all stages.</p>

13. Description of Monitoring/Surveillance/Control programmes system: SALMONELLA IN FEED, ALL FEEDINGSTUFFS
1. Monitoring/Surveillance/Control programmes system
<p>Control plans are organized by DGCCRF at production step: half is compound feed for poultry breeding and laying hens and half is feed material. Each sample consists in 5 units of 100 grams undergoing 4 analyses to detect salmonella in each part of 25 gram.</p> <p>In addition, surveillance plans are regularly organized by the General directorate for food (DGAL) focusing feed products, mainly at farm level. In 2017, 263 samples have been taken: Feed material of marine animal origin (18 samples), Compound feedingstuffs for pigs (86 samples), Compound feedingstuffs for poultry (149 samples) and petfood (10 samples).</p>
2. Measures in place
3. Notification system in place to the national competent authority

4. Results of investigations and national evaluation of the situation, the trends and sources of infection

All results are published at <http://agriculture.gouv.fr/plans-de-surveillance-et-de-controle>.

14. General evaluation: LISTERIA

1. History of the disease and/or infection in the country

Listeria monocytogenes is responsible of listeriosis, a rare but severe disease, which can lead to septicaemia, meningitis, local infections or, for pregnant women, flulike symptoms, spontaneous abortion, death in-utero or prematurity. Listeriosis, has a lethality rate of 20 to 30% and is particularly severe for pregnant women and people over 80 years or with immunosuppressive disorders. Its incidence is increasing in Europe since 2008.

In each region, listeriosis cases are reported by biologists or doctors in charge of sick persons, to the Regional Health Agency (ARS). The notification procedure is accessible in : <http://invs.santepubliquefrance.fr/Dossiers-thematiques/Maladies-infectieuses/Risques-infectieux-d-origine-alimentaire/Listeriose/Comment-signaler-et-notifier-cette-maladie>

The monitoring and investigation of human listeriosis in France, based on the close collaboration between the French Public Health Agency, the National reference center and the National reference laboratory for listeria, the General Directorate for food and territorial services, is effective.

Results are accessible in <http://invs.santepubliquefrance.fr/Dossiers-thematiques/Maladies-infectieuses/Maladies-a-declaration-obligatoire/Listeriose/Donnees-epidemiologiques>

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

Foodborne transmission is by far the most frequent route of transmission (99% of cases). Food considered as representing the higher risk of transmission of the disease are those eaten raw, in which *Listeria monocytogenes* can grow when storage (time/temperature) or preparation instructions are not followed. Meat products made from pork meat belong to this category "at risk" to be contaminated by *Listeria monocytogenes*.

3. Additional information

Official plans of supervision or control are targeted to certain potentially sensitive foods under the risk *Listeria monocytogenes* at the stage of production or distribution stage, depending on the needs and consultation between the Directorate-General for Competition, Consumer Affairs and Fraud Control (DGCCRF), the Directorate General for Food (DGAL) and in conjunction with the French Public Health Agency and the Directorate General for Health (DGS).

<https://pro.anses.fr/bulletin-epidemiologique/Documents/BEP-mg-BE50-art13.pdf>

15. Description of Monitoring/Surveillance/Control programmes system: LISTERIA IN FOODSTUFFS

1. Monitoring/Surveillance/Control programmes system

Surveillance plans have been regularly organized by the General directorate for food (DGAL) in sensible food products at production step.

All results are published at <http://agriculture.gouv.fr/plans-de-surveillance-et-de-controle>

The aim of this surveillance plan is:

- To verify the compliance of meat products made from pork meat with the current regulation;
- To estimate the level of contamination of *L. monocytogenes* in meat products made from pork meat placed on the market, and so on, consumer exposure.

This surveillance plan has been set up in the framework of the directive 2003/99/EC. *Listeria monocytogenes* belongs to the list of zoonotic agents to be included in surveillance, listed in the annex I, part A, of this directive. In addition, this surveillance plan has been conducted in order to verify the compliance, by the meat products made from pork meat producers, of the regulation (EC) n°2073/2005.

The sampled matrix were pre-cut cooked meat products made from pork meat from approved producers (cooked pork ham, cooked filet of pork, sausages and cooked "saucisson", pork "paté", pork "rillettes").

For each sampled unit (25g), detection and enumeration methods were conducted simultaneously, using an official method¹ (NF EN ISO 11290 part 1 and 2), at use-by-date.

In addition, DGCCRF organize every year since 1993, a campaign that includes a minimum of 4,000 samples food collected at retail level in all regions including the Overseas Territories. Until 2010, targeted food under three main categories of industrially manufactured products where considered most at risk: the products cooked meats, cheese and dairy products, fish products.

In 2017, a special focus was also done on other ready to eat food (salads, bakery products) and vegetable matrices.

2. Measures in place

3. Notification system in place to the national competent authority

yes

4. Results of investigations and national evaluation of the situation, the trends and sources of infection

¹ <http://agriculture.gouv.fr/laboratoires-agrees-et-reconnus-methodes-officielles-en-alimentation>

16. General evaluation: VEROTOXIGENIC ESCHERICHIA COLI

1. History of the disease and/or infection in the country

Some of E. coli shigatoxin producing (STEC) strains are pathogenic for human beings. They can cause rare- but severe -infections, primarily in children under the age of 15 years : hemolytic uremic syndrome (HUS), or severe neurological disorders which could lead to death.

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

Domestic ruminants, and more particularly cattle, are the main reservoir of STEC. Contaminated cattle minced meat, eaten raw or undercooked, has been identified as one of the major sources of contamination in investigations conducted to identify the origin of HUS cases (when a food source has been identified).

17. Description of Monitoring/Surveillance/Control programmes system: VEROTOXIGENIC E COLI (VTEC) IN FROZEN CATTLE MINCED MEAT

1. Monitoring/Surveillance/Control programmes system

The aim of this surveillance plan is:

- verify the compliance of minced meat with the current regulation ,
- To collect data about contamination of frozen cattle minced meat produced in France, complementary to the data obtained the previous years.

This surveillance plan has been set up in the framework of the directive 2003/99/CE. STEC belong to the list of zoonotic agents to be included in surveillance, listed in the annex I, part A, of this directive.

For each collected isolate, the screening for highly pathogenic STEC strains had to be done in 25 g using an official method² (reference method or validated alternative methods).

In France (saisine Anses n°2016-SA-0121), STEC strains are considered as highly pathogenic if they possess both stx and eae virulence genes and if they belong to one of the listed serotypes :O157:H7, O26:H11, O103:H2, O145:H28, O111:H8.

The STEC strains considered as pathogen, with stx and eae genes and belonging to the serogroup O45 or O21, had also to be screened in an exploratory way, as they are taken in account in the United States legislation.

The STEC strains, with stx and eae genes and belonging to the serogroup O80:H2 had also to be screened, as the number of HUS associated with this serogroup is increasing in France.

2. Measures in place

3. Notification system in place to the national competent authority

² <http://agriculture.gouv.fr/laboratoires-agrees-et-reconnus-methodes-officielles-en-alimentation>

Yes.

There are currently no specific safety microbiological criteria for STEC in cattle minced meat. However, a minced meat detected positive for the presence of a highly pathogenic STEC strain is considered as unsafe in the meaning of the Regulation n°178/2002 (CE), article 14.

As a consequence, the guide for the management of alerts specifies an alert threshold for the highly pathogenic STEC strains, which is "presence in 25g" for all foodstuff.

4. Results of investigations and national evaluation of the situation, the trends and sources of infection

The results from the surveillance plan conducted in 2017 are not significantly different than the results obtained during the previous plans.

Level of contamination for cattle minced meat remains relatively stable and low (less than 1%) since 2009. Thus, the contamination level estimated for the 8 last years (aggregated prevalence) is 0.2% (CI95-[0.1-0.4%]) for the refrigerated cattle minced meat and 0.3% (CI95-[0.2-0.5%]) for the frozen cattle minced meat.

18. General evaluation: CAMPYLOBACTER

1. History of the disease and/or infection in the country

In Europe, Campylobacter is the main cause of reported foodborne infection from bacterial origin with an increase of human cases since a few years. The symptoms of human campylobacteriosis are often limited to acute gastrointestinal symptoms. However, in rare cases, severe complications can occur, as Guillain-Barré syndrome, which is characterized by a temporary paralysis of the peripheral nervous system and may lead to major neurological sequelae or death.

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

Wild and domestic birds are the main reservoirs of Campylobacter. The main transmission route of Campylobacter is the consumption of raw or undercooked contaminated food (especially meat and mainly poultry meat).

19. Description of Monitoring/Surveillance/Control programmes system: CAMPYLOBACTER – POULTRY MEAT

1. Monitoring/Surveillance/Control programmes system

The aim of this surveillance plan was to estimate the level of contamination of poultry meat by Campylobacter at retail level in France, and, as a consequence, to estimate consumer exposure.

This surveillance plan has been set up in the framework of the directive 2003/99/EC. Campylobacter belongs to the list of zoonotic agents to be included in surveillance, listed in the annex I, part A, of this directive.

The samples were taken on whole carcasses, or poultry legs with skin, or poultry filets without skin.

Each sample of 25 g was analyzed following an official method for campylobacter detection.

2. Measures in place
3. Notification system in place to the national competent authority
4. Results of investigations and national evaluation of the situation, the trends and sources of infection
<p>This surveillance plan shows prevalence at retail of 49.5% (IC95-[44.2-54.9%]) for fresh broiler meat and of 45.9% (IC95-[40.5-51.3%]) for fresh turkey meat. The prevalence observed for the two species (broiler and turkey) are not significantly different. This lack of difference is comforted by the similarity of the repartition of analyzed matrices (whole carcass, leg, filet) between the two species.</p> <p>The overall prevalence for broiler meat appears lower in 2017 (49.5%) than in 2009 (previous plan)(76.2%). This difference is mainly explained by the lower proportion, in 2017, of matrices with skin (carcass, leg) analyzed. And those matrices had a higher prevalence than the filet in 2009. The prevalence for the filet is comparable between the two periods. Prevalence data for 2017, which suggest a lower prevalence for broiler meat at retail level than the previous plan, must be shown with the detailed results for the different matrices to explain the difference between the two plans</p>

20. General evaluation: ANISAKIS

1. History of the disease and/or infection in the country
<p>Each year, more than 2000 anisakiasis cases are recorded worldwide. This figure is probably underestimated due to the fact that most of the cases of Anisakis infestation or allergic reaction are not diagnosed. A few cases³ have now been recorded in France these last years.</p> <p>Moreover, the consumption of raw fish has increased substantially over the last couple of years in France, leading to an increase of the risk of ingestion of Anisakis larvae.</p>
2. Evaluation of status, trends and relevance as a source for humans
<p>The major symptoms observed in humans following the ingestion of living larvae are digestive disorders (gastro-intestinal pain with sometime vomiting and digestive bleeding, intestinal transit disorders, bowel obstruction, bowel perforation) and/or allergy with various level (from skin allergy to anaphylactic shock). Allergy may be observed even with ingestion of dead larvae.</p>

21. Description of Monitoring/Surveillance/Control programmes system: ANISAKIS - FISH

1. Monitoring/Surveillance/Control programmes system
<p>This surveillance plan has been set up in the framework of the directive 2003/99/CE. Anisakis belong to the list of zoonotic agents to be included in monitoring, listed in the annex I, part B, of the directive.</p> <p>The aim of this surveillance plan is to estimate the contamination rate of fish with Anisakis at retail level in France, and, as a consequence, to estimate consumer exposure.</p>

³ « Incidence de l'anisakidose en France - Enquête rétrospective 2010-2014 » : http://invs.santepubliquefrance.fr/beh/2016/5-6/2016_5-6_1.html

<p>The samples were fresh fishes collected at retail level as presented to the consumer (whole fish unviscerated, whole gutted fish, fish fillet or slice) and belonging to one of the seven species listed, with a high prevalence of contamination with Anisakis identified in a preliminary study (Fish parasite study4) : blue ling, megrim, anglerfish, saithe, hake, ling and whiting.</p> <p>The parasite was screened by visual examination.</p>
<p>2. Measures in place</p>
<p>To limit the risk, food business operators must ensure, regarding the (CE) 853/2004 regulation, "that fishery products have been subjected to a visual examination for the purpose of detecting visible parasites before being placed on the market. They must not place fishery products that are obviously contaminated with parasites on the market for human consumption. »</p>
<p>3. Notification system in place to the national competent authority</p>
<p>4. Results of investigations and national evaluation of the situation, the trends and sources of infection</p>
<p>-</p>

22. General evaluation: HISTAMINE

<p>1. History of the disease and/or infection in the country</p>
<p>Histamine poisoning is caused by the consumption of fresh fish or fishery products rich in histidine, which have been incorrectly handled and/or preserved (break of the cold chain integrity). In addition to the cases involving fish, cases of histamine poisoning associated with other food, such as cheeses have also been identified.</p>
<p>2. Evaluation of status, trends and relevance as a source for humans</p>
<p>The main symptoms of histamine poisoning are pseudo-food allergy (facio-cervical redness, skin rash, facial swelling, hot flushes, burning sensation in the throat, peppery taste in the mouth, itching, tingling of the skin, headache, heart palpitations, dizziness) associated, in some cases, to secondary gastrointestinal symptoms (nausea, stomach pain, vomiting, diarrhea). In rare cases, histamine poisoning can evolve, in case of complication, to anaphylactic shock.</p>

23. Description of Monitoring/Surveillance/Control programmes system: HISTAMINE –FISH PRODUCTS

<p>1. Monitoring/Surveillance/Control programmes system =</p>
<p>The aim of this surveillance plan is to :</p> <ul style="list-style-type: none"> • To verify the compliance of tuna regarding the current regulation for histamine (criterion 1.26 of

⁴ Programme de recherche « Fish-parasites » : http://www.agence-nationale-recherche.fr/projet-anr/?tx_lwmsuivibilan_pi2%5BCODE%5D=ANR-10-ALIA-0004

<p>regulation n°2073/2005 (CE));</p> <ul style="list-style-type: none"> To estimate the contamination rate of histamine in tuna at retail level in France, and, as a consequence, to estimate consumer exposure. <p>Detection and numeration of histamine were analyzed following an official method⁵.</p>
2. Measures in place
3. Notification system in place to the national competent authority
4. Results of investigations and national evaluation of the situation, the trends and sources of infection
<p>In 2017, the conformity rate was 98.13% (IC95-[95.98-99.14%]). This result shows that the contamination rate of tuna by histamine is low.</p> <p>The conformity rate of fish products to the legislative criterion was, respectively, 100% (IC95-[98.7-100%]) in 2016, 99.3% (IC95-[97.6-99.8%]) in 2015 and 99.6% (IC95-[98.7-99.9%]) in 2014.</p>

24. General evaluation: TRICHINELLA

1. History of the disease and/or infection in the country

Wildlife

Trichinella is circulating in wild life in France with few cases confirmed each year on wild boars hunted and controlled by official laboratories. In the last 10 years, a total of 7 autochthonous wild boars, 8 wolves and 5 foxes have been confirmed in France, mainly in area with a rich biodiversity such as national or regional natural parks.

Domestic animals

In the last 10 years, there was no positive pigs raised in-doors that have been identified in France. Regarding pigs raised as out-doors pigs, 2 were confirmed positive in Continental France in 2008. There are no horses detected positive since 2001.

Corsica island

The situation of Corsica is different as on the continent. This island was considered as Trichinella-free until 2004, when the parasite emerges in domestic pigs raised as free-ranging animals. Since then, a total of 32 animals have been detected positive for *Trichinella britovi*.

In 2015, a positive pig which was not controlled by veterinary services was the source of a human outbreak in South of France, with 3 confirmed cases.

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

⁵ <http://agriculture.gouv.fr/laboratoires-agrees-et-reconnus-methodes-officielles-en-alimentation>

Few human cases of trichinellosis are reported each year in France due either to consumption of uncontrolled meat (mainly hunted wild boars) or meat imported from abroad. Indeed, since 2007, 8 autochthonous human cases have been confirmed in France (due to wild boars or uncontrolled Corsican delicatessen consumption) and 13 cases were imported from abroad (<http://cnrdestrichinella.monsite-orange.fr/page3/index.html>).

25. Description of Monitoring/Surveillance/Control programmes system: TRICHINELLA IN PIGS

1. Monitoring/Surveillance/Control programmes system

In France, 100% of out-door domestic pigs, as well as 100% of sows and boars are controlled at the slaughterhouse according to the EU regulation 2015/1375 and the reference method of detection described in the Chapter I, Annex I of this regulation.

Domestic pigs raised in-doors are controlled as 1/1000 for a monitoring program. The method used for this monitoring is the reference method of detection described in the Chapter I, Annex I of the EU regulation 2015/1375.

2. Measures in place

France is applying the regulation EU 2015/1375 regarding official controls for *Trichinella* in meat. There are no eradication measures existing for this foodborne parasite.

Since January 2018, the recognition of pigs raised under controlled housing conditions has been implemented in France. Those pigs are controlled 1/1000 by official method, to monitor these animals. All the pigs from non officially-recognized farms are controlled, according to the EU regulation 2015/1375, by an official method.

3. Notification system in place to the national competent authority

YES

4. Results of investigations and national evaluation of the situation, the trends and sources of infection

In the last 10 years, there was no positive pigs raised under controlled housing conditions that have been identified in France. Regarding pigs raised as out-doors pigs, 2 were confirmed positive in Continental France in 2008.

The trends for continental France evolved as no positive domestic pigs are detected since the last cases in 2008.

Regarding the situation in Corsica of free-ranging pigs, epidemiological studies have been conducted in order to understand the parasite life cycle and source of contamination on the island. Actions are undertaken to control the spread of the parasite and contamination of pig breeding such as :

- improving the detection of low infected carcasses by increasing the mass of meat submitted to analysis to a minimum of 5g (pilar diaphragm);
- hunters and breeders education on the parasite;
- facilitate transportation of pigs to slaughterhouse;

- removal from the field of hunted wildlife carcasses;
- analysis of the source of contamination in wild life and the particular role of hunter/breeder's dogs in the parasitic life cycle.

26. General evaluation: RABIES

1. History of the disease and/or infection in the country

In contrast to the type that prevailed at the start of the last century, which was maintained in dogs, the type of rabies that has occurred in France during the second part of the twentieth century has been maintained essentially in red foxes. The vulpine rabies reappeared in France in 1968 spreading from an outbreak, which is thought to have started in 1939-1940 at the Polish/Russian border and advanced westwards. From 1968 to 1989, the front of the vulpine rabies included the north-eastern quarter of France (approximately 1000 to 2500 cases were annually diagnosed during this period, including domestic animals and foxes). During this period, no case of indigenous human rabies were reported (the last case was reported in 1924).

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

The success of programs of oral vaccination of foxes against rabies, performed by Anses-Nancy and ELIZ (entente interdépartementale de lutte contre les zoonoses) with the collaboration of veterinary services and hunting federations, resulted in the elimination of rabies in red foxes, the last case being recorded in December 1998. On 30 April 2001, France was recognized officially free of rabies according to the criteria of OIE (which exclude the European Bat Lyssavirus).

In 2017, no rabies positive domestic carnivores were reported. However, four new rabies cases were identified in bats (three cases infected by European Bat Lyssavirus 1, and one case infected by Lleida Bat Lyssavirus).

3. Any recent specific action in the Member State or suggested for the European Union

The risk of transmission of bat rabies to human beings is regarded as very low. The bats are protected by law in France. It is thus recommended not to approach them, and capture, transport, sale, purchase or destruction of bats are prohibited. Information campaigns on the bat rabies were carried out in the schools, urgency medical centers, antirabies treatment centers, the decentralized services of the youth and sports Ministry. These campaigns aim to make public (in particular young people) more aware of the risks in touching a bat or handling a sick, injured or died animal. In addition, it is recommended to perform preventive rabies vaccination and a specific serological follow-up of the bat handlers (approximately 300 in France). A large prevention campaign on the topic "Do not bring back the rabies among your memories of holidays !" was performed in 2004 and 2005 by the Ministry of Agriculture to inform the travelers of the risk of entry of urban dog-mediated rabies in France and in UE. Posters and leaflets were widely disseminated in the veterinary clinics, in the local vet services, at the border posts, in the railway stations and the airports.

Travelers are dissuaded from bringing back animals with them (or at least, if they must, then sternly urged to conform to the health regulations imposed) and encouraged to avoid a contact with any domestic carnivores, particularly strays. Preventive rabies vaccination is recommended for travelers who stay in the high-risk countries (in Asia, Africa, the Middle East, South America).

<http://agriculture.gouv.fr/gare-la-rage>

4. Additional information

For more information on human cases please visit the French public health agency website : <http://invs.santepubliquefrance.fr/Dossiers-thematiques/Maladies-infectieuses/Zoonoses/Rage/Donnees-epidemiologiques>

and the National Reference Center website : <https://www.pasteur.fr/fr/sante-publique/cnr/les-cnr/rage>
France

27. Description of Monitoring/Surveillance/Control programmes system: Rabies in bats and pets

1. Monitoring/Surveillance/Control programmes system

The rabies surveillance network mainly concentrates on pets and bats.

Pets. The surveillance depends primarily on the presentation to the veterinary practitioner of animals suspected of rabies or animals that bite or scratch. A biting or scratching animal is defined as an “animal susceptible to rabies that, irrespective of where the incident occurred, has bitten or scratched someone” and must be placed under the supervision of a mandated veterinarian. Even if it has been properly vaccinated against rabies, a biting or scratching animal must be placed under veterinary surveillance, because while the protection conferred by anti-rabies vaccination is extremely high, it is not absolute. The surveillance period is statutorily set at fifteen days for biting or scratching pets and thirty days for wild animals that have been tamed or kept in captivity, taking into account the longer pre-symptomatic carrying period sometimes observed in certain species (Ministerial Order of 21 April 1997). During the surveillance period, the animal must be presented three times to the same mandated veterinarian. During the surveillance period, the animal may not be euthanised (except with the agreement of the veterinary services or in cases of force majeure) nor vaccinated against rabies. In the event of the death or euthanasia of a biting or scratching animal during this period, a diagnosis of rabies must be carried out by the National reference center (NRC).

Bats. The surveillance of rabies in bats is based on the diagnosis of rabies in the corpses of bats found, most often, in an environment close to humans. Approximately 70% of the bats are sent by the network of chiropterologists, directly or via members of the public who contact the volunteers by calling their bat-rescue service (“SOS chauves-souris”), or the Chiroptera Group of the SFEPM (French society for study and protection of mammals) (<http://www.sfepm.org/groupeChiropteres.htm>). Bats are protected species in metropolitan France, so they may neither be killed, nor handled, nor transported, even after death, without official authorisation granted by the Ministry of Ecology.

Diagnosis

The French surveillance network sends samples to two laboratories: NRC and NRL (National reference laboratory). The NRC (belonging to Institut Pasteur) is mobilised when human contamination is suspected, i.e. if at least one of the four following conditions is met:

- a bite resulting in broken skin,
- scratching,
- licking of damaged skin (broken or scratched skin),
- projection of saliva on mucous membranes.

If this is not the case, the samples are sent to the Nancy Laboratory for Rabies and Wildlife (ANSES), the NRL for rabies.

These two laboratories use the reference techniques recommended by the OIE (OIE, 2012, Rabies chapter) and the WHO (Meslin et al., 1996) and undertake phylogenetic identification of the virus strain in the event of positive diagnosis, providing information about the species and the type of virus (canine or from bats) and its geographical origin, which is of use for epidemiological investigations and for the implementation of management measures, especially in cases where rabies has been imported.

2. Measures in place

Rabies management is based on the management of animals that have been in contact with a rabid animal or one suspected to have rabies. The conditions and characteristics of contact are defined by the law, which specifically describes the identification of infected and potentially infected animals. The classification of carnivorous animals as infected or potentially infected depends on the probability of contact between the carnivore and an animal known to be rabid, and this probability of contact is assessed by the local veterinary services.

<p>The management of infected animals is based on the Ministerial Order of 9 August 2011, which stipulates that infected animals not properly vaccinated at the time of infection must be euthanised.</p> <p>The management of possibly infected animals is based on the law. Appropriate measures determined by the local veterinary services are taken with consideration for the species of lyssavirus infecting the animal recognised as rabid, and the vaccination status of the potentially infected animals.</p>
3. Notification system in place to the national competent authority
<p>Yes</p>
4. Results of investigations and national evaluation of the situation, the trends and sources of infection
<p>The national situation is quite stable regarding the last years. Only a few cases are currently identified in bats each year and none in domestic carnivores, although around 1800 animals are tested each year.</p>

28. General evaluation: West-Nile
1. History of the disease and/or infection in the country
<p>After a first outbreak in the Camargue region (southern of France) in 1962, the virus remained undetected until an outbreak in the same region in 2000. Since then, outbreaks of various sizes and virus circulation have been detected in Camargue and other areas surrounding the Mediterranean sea: 2003 (Var), 2004 (Camargue), 2006 (Pyrénées orientales), 2009-2010 on birds (Camargue), 2015 (Camargue). In 2017, a human case in the department of Alpes-Maritimes led to the detection of a subclinical infection in a horse in the same department.</p>
2. Evaluation of status, trends and relevance as a source for humans
<p>The status of the disease is stable with long periods of absence of virus circulation and outbreaks on horse populations. West Nile virus infection is a non-contagious disease, primarily transmitted by the bite of infected mosquitoes of the genus <i>Culex</i>. The virus is amplified according to a mosquito-avifauna-mosquito cycle and can be inoculated by a mosquito infected to horses or humans. Mosquitoes densities are very high in the Camargue region and therefore human and horse populations can both be infected in case of intense virus circulation.</p> <p>Horse and human are very susceptible hosts to infection and can develop severe meningoencephalitis (in less than one in ten cases in horses and about one in 140 cases in humans, most infections passing unnoticed or taking the form of a pseudo-summer flu). However, horses or humans are epidemiological dead-end hosts, ie virus can multiply in these hosts but cannot infect another mosquito due to low viremias (no possible transmission Horse-Man, Horse-Horse, Man -horse).</p>

29. Description of Monitoring/Surveillance/Control programmes system: West-Nile on horses

1. Monitoring/Surveillance/Control programmes system

The objective of WNV surveillance in France is to ensure the early detection of its circulation with a view to implementing control and prevention measures. Enhanced surveillance of this virus was initiated in 2000 with an equine and avian component. Since 2008, WNV surveillance in France has been based on passive surveillance of clinical equine cases and excessive avian mortalities (undertaken by the SAGIR network), from June to November in counties around the Mediterranean basin:

- a national perennial equine surveillance system based on passive surveillance of equine clinical cases. In areas and during periods of risk (Mediterranean rim essentially from the 1st of June to the end of October), a suspicion of WN disease should be reported in front of a neurological syndrome. This system mainly involves veterinary practitioners and laboratories (approved veterinary departmental laboratories and the National Reference Laboratory of Anses-Maisons-Alfort) and its effectiveness is based on the clinical vigilance of veterinary practitioners;
- a targeted system in areas and periods at risk of WNV circulation, based on passive surveillance of avian excess mortality from June to November in the **counties** of the Mediterranean region. It consists of looking for the WNV in the organs of dead wild birds collected during episodes of excess mortality. It involves ONCFS (National hunting and wildlife office), departmental hunter federations and (departmental and reference) laboratories through the SAGIR network (a network for the epidemiological surveillance of wildlife diseases and intoxications, French National Hunting and Wildlife Agency – ONCFS/Hunting federations – FNC)

This dual system is complemented by an initiative of the Equine Pathology Surveillance Network (RESPE), which lists the reports of equine nervous syndromes. French veterinary practitioners are supported by the RESPE network in the identification of the causative agent of disease. RESPE is a passive surveillance system based on the declarations of 594 sentinel and voluntary veterinarians (SVs) distributed across France in 92 counties. As part of this network, a systematic search for WNV is performed on the detected nervous syndromes.

Finally, a specific human surveillance is implemented by the hospitals and consists of a systematic research of the WNV on the patients hospitalized for neurological signs in the counties of the Mediterranean periphery during the period at risk.

Due to close relation with public health services, in case of a human infection detected, an active survey is implemented on horses and birds in order to detect infection in the animal compartment.

2. Measures in place

The regulations stipulate isolation of sick horses and disinsectisation of horses and premises. A prefectural order on reporting of infection (APDI) is lifted 15 days after the death of the infected animal or disappearance of clinical signs

3. Notification system in place to the national competent authority

Because of its zoonotic nature and the severity of infections in humans and horses, West Nile fever is a first-category (regulated by state) health hazard.

Surveillance is based on the obligation to declare any suspicion or confirmation of WN (WN fever in equines is a contagious disease under the Rural Code). Any veterinarian or horse owner suspecting clinical signs of WN have to declare it to the local veterinary services (at the department level) and samples for confirmation have to be taken and processed.

4. Results of investigations and national evaluation of the situation, the trends and sources of infection

The status of the disease is stable with long periods of absence of virus circulation and outbreaks on horse populations. During the last 5 years virus circulation has only been detected in 2015 and 2017 on animal and human populations.

In 2015, 39 equine outbreaks have been confirmed in three counties surrounding the Camargue area: Bouches-du-Rhône, Gard and Hérault departments. In total, 49 equines were found to be infected (positive in WNV competition and MAC-ELISAs); among them, 41 exhibited neuroinvasive forms and three showed febrile forms.

Camargue is known to be the highest risk zone where horse owners and veterinarians are aware of the existence of the disease and its clinical signs. It is not clear if the virus circulation is maintained over the time at a very low level or if virus is regularly reintroduced in Camargue through bird migrations.

30. General evaluation: *Echinococcus multilocularis*

1. History of the disease and/or infection in the country

In France, the interdepartmental fight against zoonoses (Eliz) is today the main organization active in the field of surveillance of *Echinococcus multilocularis* in foxes (www.e-l-i-z.com/). The Eliz implements an active surveillance of the geographical distribution and the prevalence of the parasite through the realization of surveys within its member departments (40 French North-East departments).

In France, data acquired until the early 2000's showed endemic areas confined to the eastern territories and the Auvergne. Hitherto, the landscape described as most suitable for the epidemic cycle of the parasite consisted mainly of grasslands at a medium altitude (400m-800m) where vole's populations, the main intermediate host for *E. multilocularis*, frequently reach high densities. Following the apparition of human cases in territories considered then free of the parasite, a wide screening protocol was implemented over the north-eastern half of France in search of the parasite. Following the gold label SSCT technique, adult worms were isolated from intestinal contents of foxes, the main definitive host and major vectors of *E. multilocularis*.

A first large-scale parasite mapping survey was conducted in 2002-2003 (fox coproantigen survey), and then in 2005-2010 (looking for the adult parasite in the Fox's intestines).

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

Since 2005, 44 departments in the north-eastern half of France have participated in the mapping program of *E. multilocularis* led by the interdepartmental fight against zoonoses (ELIZ), the University of Franche-Comté and the NRL *Echinococcus* sp. of ANSES. For each department a hundred foxes distributed homogeneously were collected by night shooting or trapping by the hunting departmental federations (FDC). The departmental veterinary laboratories analyzed a total of more than 3000 fox intestines using the SSCT technique. The parasite *E. multilocularis* was thus highlighted in 36 locations of which 26 are considered as newly endemic.

The average prevalence across all 44 departments in the study area is 17% (95% CI 15-18%) but departmental prevalences range from 0 (95% CI 0-5%) to 54% (95% CI 42%).. In eight departments, the parasite was not found in the intestines analyzed. In the historically endemic zone, the prevalence is 41% (95% CI 37-44%). Parasitic foxes account for more than 55% of all foxes infected on less than 21% of the surface studied.

A westward extension of the endemic zone to the Channel, Calvados and Ille-et-Vilaine was observed. The presence of the parasite, especially in the Paris region (Essonne and Seine-St-Denis), underlines the growing importance of the presence of foxes in an urban environment thus modifying the landscape

vision classically associated with alveolar echinococcosis. Vulpine prevalence observed in the historic endemic areas of eastern France have also increased (figure 1).

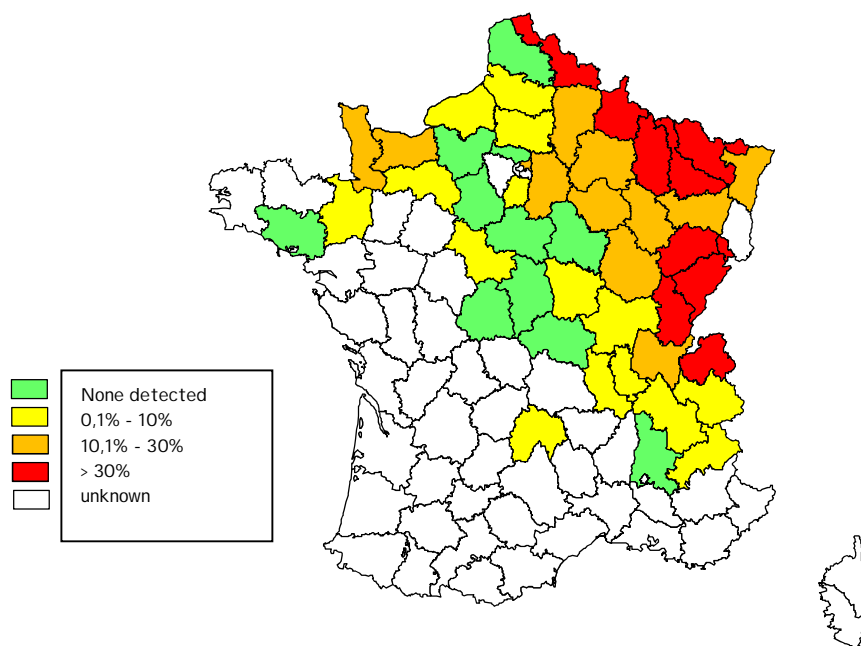


Figure 1: Observed prevalence

These results are similar to those obtained elsewhere in Europe, where the known endemic zone also extends to the North (Sweden, Denmark and Norway) and to the East (Lithuania, Poland and Hungary). This is also explained in particular by more active research for the detection of the parasite.

3. Any recent specific action in the Member State or suggested for the European Union

None

4. Additional information

Alveolar echinococcosis mapping program 2016-2018:

In partnership with ELIZ, and the university of Franche-Comté, it is planned to set up a new program for mapping alveolar echinococcosis from fox intestines. Ten years after the first study, this program should allow for two years, in partnership with the general councils of the departments adhering to ELIZ, to have an update of the endemic areas of the parasite and to evaluate the extension of the parasite. fox in France to the west and south.

31. Description of Monitoring/Surveillance/Control programmes system: Echinococcus multilocularis on foxes, dogs, cats and voles
1. Monitoring/Surveillance/Control programmes system
<p>In France, the interdepartmental organization for fight against zoonoses (Eliz) is today the main organization active in the field of surveillance of <i>Echinococcus multilocularis</i> in foxes (www.e-l-i-z.com/). The Eliz implements an active surveillance of the geographical distribution and the prevalence of the parasite through the realization of surveys within its member departments (40 French North-East departments). A first large-scale parasite mapping survey was conducted in 2002-2003 (fox coproantigen survey), and then in 2005-2010 (looking for the adult parasite in the Fox's intestines) . During these surveys, the collection of samples was delegated to the departmental federations of hunters, in collaboration with the departmental associations of trappers, diggers and lieutenants of the shopkeeper; the departmental analysis laboratories carried out the first-line analyzes and, if necessary, the diagnosis was confirmed by the national reference laboratory for <i>Echinococcus</i> spp (LNR)..</p>
2. Measures in place
<p>Communication measures to enhance awareness of the public towards the risk of contamination in endemic areas.</p>
3. Notification system in place to the national competent authority
<p>Echinococcus multilocularis is not a notifiable disease on animals.</p>
4. Results of investigations and national evaluation of the situation, the trends and sources of infection
<p>Since 2005, 44 departments in the north-eastern half of France have participated in the mapping program of <i>E. multilocularis</i> led by the interdepartmental fight against zoonoses (ELIZ), the University of Franche-Comté and the NRL <i>Echinococcus</i> sp. of ANSES. For each department a hundred foxes distributed homogeneously were collected by night shooting or trapping by the hunting departmental federations (FDC). The departmental veterinary laboratories analyzed a total of more than 3000 fox intestines using the SSCT technique. The parasite <i>E. multilocularis</i> was thus highlighted in 36 locations of which 26 are considered as newly endemic.</p> <p>A westward extension of the endemic zone to the Channel, Calvados and Ille-et-Vilaine was observed. The presence of the parasite, especially in the Paris region (Essonne and Seine-St-Denis), underlines the growing importance of the presence of foxes in an urban environment thus modifying the landscape vision</p>
5. Additional information
<p>A PhD work ended in 2016 on the characterization of the risk of echinococcus contamination in vegetable garden.</p> <p>After having noticed that the non-closed gardens are an important place of deposit of fox feces (since 57% of the vegetable gardens surveyed contained some) and thus eggs of the parasite. The study also showed that the environment of vegetable gardens is a favorable environment for the persistence of the life cycle of the parasite because voles are more regularly contaminated than in other environments.</p> <p>Finally, in 2017, it was revealed that eggs, which are contaminants for humans, are regularly present in the soil of vegetable gardens since they were detected in 42% of the gardens surveyed.</p> <p>ELIZ and its partners now reveal that fruits and vegetables intended for consumption raw and grown in vegetable gardens can be sources of potential contamination of humans.</p>

<h2 style="text-align: center;">32. Food-borne Outbreaks</h2>
<h3>1. System in place for identification, epidemiological investigations and reporting of food-borne outbreaks</h3>
<p>Food-borne outbreaks are monitored at the national level by the French Public Health Agency, together with the Regional Health Agencies (ARSs) and in collaboration with the Departmental Directorates for Protection of the Population (DDecPPs), via a mandatory reporting system.</p> <p>Physicians and managers of mass or social catering establishments are required to report a food-borne outbreak to the ARS and/ or DDecPP.</p> <p>Reports can also be submitted by consumers or other people who have knowledge of an episode that could be a foodborne outbreak.</p> <p>When the ARSs and DDecPPs receive reports of food-borne outbreaks, investigations are undertaken to identify the responsible foods, the source of contamination, and any poor hygiene or food preparation or storage practices where applicable. The ultimate objective is to take necessary measures (corrective measures, the closing of restaurants or zones, withdrawals, recalls) to prevent new food-borne outbreaks or new cases.</p>
<h3>2. Description of the types of outbreaks covered by the reporting</h3>
<p>A food-borne outbreak occurs when there are at least two similar cases of generally gastro-intestinal symptoms that can be attributed to the same food origin.</p> <p>Food-borne outbreaks are classified as follows:</p> <ul style="list-style-type: none"> • “confirmed”: when a pathogen (bacterium, virus or parasite) is isolated in a sample of human origin (blood/stools), food leftovers, standard meals or the food’s environment (e.g. fishing areas or surface samples), • “suspected”: when a pathogen has not been confirmed; it is then suspected using an algorithm for aetiological diagnosis taking into account the clinical signs, median incubation time and types of foods consumed, • “of unknown aetiology”: when a pathogen has not been confirmed or suspected.
<h3>3. National evaluation of the reported outbreaks in the country</h3>
<p>An annual review of the food-borne outbreaks reported in France is available on the website of the French Public Health Agency: http://invs.santepubliquefrance.fr/Dossiers-thematiques/Maladies-infectieuses/Risques-infectieux-d-origine-alimentaire/Toxi-infections-alimentaires-collectives/Donnees-epidemiologiques.</p>
<h3>4. Descriptions of single outbreaks of special interest</h3>
<h3>5. Control measures or other actions taken to improve the situation</h3>
<h3>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</h3>

33. Institutions and laboratories involved in antimicrobial resistance monitoring and reporting

Monitoring is performed following instructions of “Direction de l’Alimentation” from the French Ministry of Agriculture.

A network of laboratories, designated by the Ministry of Agriculture, are in charge of isolation and identification procedures (<http://agriculture.gouv.fr/laboratoires-agrees-et-reconnus-methodes-officielles-en-alimentation>).

NRL-AMR (Anses) is in charge of data collection, strain characterizations and storage. NRL-AMR, in collaboration with Anses Direction for Epidemiology and Surveillance’s team, is in charge of transferring to EFSA annual AMR data.

34. General Description of Antimicrobial Resistance Monitoring: *E. coli* - fattening pigs and cattle of less than one year of age

1. General description of sampling design and strategy

- *E. coli* and *E. coli* ESBL/AmpC/Carba, at slaughter, fattening pigs and cattle of less than one year of age:

Sampling is performed randomly in order to be representative of the French production in each animal population surveyed. Sampling is performed at slaughterhouse. Caecal content, approximately 25g, are collected in sterile pouch and transferred to the laboratory as soon as possible under refrigerated conditions.

- *E. coli* and *E. coli* ESBL/AmpC/Carba, at retail, pork and bovine meat :

Sampling is performed randomly in order to be representative of the French population.

2. Stratification procedure per animal population and food category

Sampling is designed to be proportional to the annual slaughtered volume per slaughterhouse in order to cover 80 % of the population for cattle and 90% for the pigs. Samples are equally distributed per trimester.

3. Randomisation procedure per animal population and food category

Only healthy animals are sampled, if possible in a 10 minute period after being slaughtered. Animal batches to be sampled are selected randomly; once or twice a week in order to achieve the expected number of samples per slaughterhouses per trimester.

4. Analytical method used for detection and confirmation

Analytical methods in place for detection and confirmation are adapted from EURL-AR protocols translated in French and publicly available on Anses website.

E.coli and *E.coli* ESBL/AmpC/Carba, at slaughter, fattening pigs and cattle of less than one year of age :
https://www.anses.fr/fr/system/files/ANSES_FOUG_LMV_15_03_V2.pdf

E.coli and *E.coli* ESBL/AmpC/Carba, at retail, pork and bovine meat :
https://www.anses.fr/fr/system/files/ANSES_FOUG_LMV_18_01_V1.pdf

5. Laboratory methodology used for detection of antimicrobial resistance

Minimum inhibitory concentrations are performed at the NRL-AR following the recommendations by the EURL-AR. The plates are from Sensititre brand (EUVSEC, EUVSEC2) from Thermo Scientific. They are performed strictly as recommended per the manufacturer. Analyses are accredited by the French national accreditation body, Cofrac.

35. General Description of Antimicrobial Resistance Monitoring: *Salmonella* spp., at slaughter, cattle of less than one year of age

1. General description of sampling design and strategy

Sampling is performed randomly in order to be representative of the French production in each animal population surveyed. Non-destructive samples are collected slaughterhouse. Samples are equally distributed all year long.

2. Stratification procedure per animal population and food category

This monitoring program is not designed at regional level.

3. Randomisation procedure per animal population and food category

Salmonella prevalence in cattle being considered as very low (<1%), each slaughterhouse should perform 2 samples per month, as long as they slaughter more than 24 herds within the year. No herd should be sampled twice during the year.

4. Analytical method used for detection and confirmation

Analytical methods in place for detection and confirmation are adapted from EURL-AR protocols translated in French and publicly available on Anses website.

5. Laboratory methodology used for detection of antimicrobial resistance

Minimum inhibitory concentrations are performed at the NRL-AR following the recommendations by the EURL-AR. The plates are from Sensititre brand (EUVSEC, EUVSEC2) from Thermo Scientific. They are performed strictly as recommended per the manufacturer. Analyses are accredited by the French national accreditation body, Cofrac.

36. General Description of Antimicrobial Resistance Monitoring: <i>Salmonella</i> spp., at slaughter, fattening pigs	
1. General description of sampling design and strategy	
Sampling is performed randomly in order to be representative of the French production in each animal population surveyed. Non-destructive samples are collected slaughterhouse. Samples are equally distributed all year long.	
2. Stratification procedure per animal population and food category	
Sampling is designed to be proportional to the annual slaughtered volume.	
3. Randomisation procedure per animal population and food category	
Salmonella prevalence in fattening pigs considered to be 8.4% (results from a similar monitoring in 2015). In order to achieve a total number of 170 Salmonella isolates to be analysed, the total number of samples to be taken at national level in 2017 was fixed at 2000 samples. Animal batches to be sampled are selected randomly. Within the same slaughterhouse, the different samples must come from separate holdings.	
4. Analytical method used for detection and confirmation	
Analytical methods in place for detection and confirmation are adapted from EURL-AR protocols translated in French and publicly available on Anses website.	
5. Laboratory methodology used for detection of antimicrobial resistance	
Minimum inhibitory concentrations are performed at the NRL-AR following the recommendations by the EURL-AR. The plates are from Sensititre brand (EUVSEC, EUVSEC2) from Thermo Scientific. They are performed strictly as recommended per the manufacturer. Analyses are accredited by the French national accreditation body, Cofrac.	