

IRELAND

The Report referred to in Article 9 of Directive 2003/99/EC

TRENDS AND SOURCES OF ZOONOSSES AND ZOOTIC AGENTS IN HUMANS, FOODSTUFFS, ANIMALS AND FEEDSTUFFS

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

IN 2011

INFORMATION ON THE REPORTING AND MONITORING SYSTEM

Country: Ireland

Reporting Year: 2011

Laboratory name	Description	Contribution
OFML	Official Food Microbiology Laboratory	The majority of samples taken at retail level (catering and retail premises). A small % of samples taken from Distributors, Transporters, Manufacturers, Packers and Primary Producers. Samples submitted to OFMLs for analysis include routine samples, national surveillance samples and samples arising from complaints (Salmonella, Campylobacter, Listeria monocytogenes, VTEC, Staphylococcal enterotoxins)
DSL	Dairy Science Laboratories	Samples taken at processing plants and submitted to DAFF official laboratories for analysis (Salmonella, Listeria monocytogenes, E sakazakii and Staphylococcal enterotoxins)
SFPA	Sea Fisheries Protection Authority	Samples taken at processing plants and submitted to SFPA approved laboratories for analysis (Salmonella, Listeria spp and Histamine)
DAFM	Department of Agriculture, Food and the Marine	Samples taken at DAFM approved processing plants and submitted to a DAFM official laboratory for Salmonella analysis
VPHRL	Veterinary Public Health Regulatory Laboratory	Samples taken at processing plants and submitted to the VPHRL (DAFM official laboratory) for analysis (Salmonella, Listeria monocytogenes and some Campylobacter). Also VPHRL is the NRL for Trichinella

INFORMATION ON THE REPORTING AND MONITORING SYSTEM

Laboratory name	Description	Contribution
CVRL	Central Veterinary Research Laboratory (DAFM official laboratory) Laboratories approved by DAFM	Samples taken at processing plants and submitted to DAFM approved laboratories for analysis (Salmonella). Serotyping performed at the CVRL (isolates from private laboratories). Analysis of official samples also carried out for Salmonella, Campylobacter and VTEC. Antimicrobial resistance data for Salmonella (isolated from industry own checks) has been submitted via the XML pilot programme.
DAFM Regional Veterinary Laboratories (RVLs)	DAFM Regional Veterinary Laboratories located at Dublin, Sligo, Athlone, Kilkenny, Limerick and Cork.	Samples taken from carcass and clinical pathology submissions to the RVLs for purposes of disease diagnosis and control.

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 Ireland during the year 2011 .

The information covers the occurrence of these diseases and agents in humans, animals, foodstuffs and in some cases also in feedingstuffs. In addition the report includes data on antimicrobial resistance in some zoonotic agents and commensal 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 Community 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 Community 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 Community Summary Report on zoonoses that is published each year by EFSA.

* 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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1. ANIMAL POPULATIONS

The relevance of the findings on zoonoses and zoonotic agents has to be related to the size and nature of the animal population in the country.

Table Susceptible animal populations

* Only if different than current reporting year

Animal species	Category of animals	Number of herds or flocks		Number of slaughtered animals		Livestock numbers (live animals)		Number of holdings	
		Data	Year*	Data	Year*	Data	Year*	Data	Year*
Cattle (bovine animals)	calves (under 1 year)			14479		1873295			
	- in total	106012		1643258		5858249			
	- unspecified (LAVS)			72830					
Deer	farmed - in total			1115					
	- unspecified (LAVS)			426					
	farmed (LAVS)			62					
Ducks	meat production flocks	40						30	
	laying ducks	40						30	
	- in total	80						60	
Gallus gallus (fowl)	parent breeding flocks for egg production line	124							
	parent breeding flocks for meat production line	120		990577		1277103		83	
	grandparent breeding flocks for egg production line	15							
	grandparent breeding flocks for meat production line	18		84586		118446		7	

Table Susceptible animal populations

Animal species	Category of animals	Number of herds or flocks		Number of slaughtered animals		Livestock numbers (live animals)		Number of holdings	
		Data	Year*	Data	Year*	Data	Year*	Data	Year*
Gallus gallus (fowl)	laying hens	238		2030204		2550776		207	
	broilers	662		80439906		11491415		324	
	- in total	1177		83545273		15437740		621	
Geese	meat production flocks	45		40000		15000		30	
	- in total	45		40000		15000		30	
Goats	- in total	409		35		8922			
	- unspecified (LAVS)			320					
Pigs	breeding animals					2720		11	
	fattening pigs			2758321		187328		120	
	mixed herds					1173097		345	
	- in total					1363145		476	
	- unspecified (LAVS)			58113					
	breeding animals - unspecified - boars			1309					
	breeding animals - unspecified - sows			87108					

Table Susceptible animal populations

		Number of herds or flocks		Number of slaughtered animals		Livestock numbers (live animals)		Number of holdings	
Animal species	Category of animals	Data	Year*	Data	Year*	Data	Year*	Data	Year*
Sheep	animals under 1 year (lambs)			1631752					
	animals over 1 year			539490					
	- in total	33766		2171242		3480691			
	- unspecified (LAVS)			238783					
Solipeds, domestic	horses - in total			7296					
	- unspecified (LAVS)			4985					
Turkeys	meat production flocks	68		1095864		1059909		45	
	parent breeding flocks	13		12400		13000		3	
	- in total	81		1108264		1072909		48	
Poultry, unspecified	- unspecified (LAVS)			153733					

Footnote:

1) LAVS - Local Authority Veterinary Service supervised slaughterhouses (small scale establishments. 2)Pig livestock and number of holdings figures based on herds of 30 or more animals from pig survey carried out by Dept of Agriculture, Food & the Marine 2011

2. INFORMATION ON SPECIFIC ZOO NOSES AND ZOONOTIC AGENTS

Zoonoses are diseases or infections, which are naturally transmissible directly or indirectly between animals and humans. Foodstuffs serve often as vehicles of zoonotic infections. Zoonotic agents cover viruses, bacteria, fungi, parasites or other biological entities that are likely to cause zoonoses.

2.1 SALMONELLOSIS

2.1.1 General evaluation of the national situation

2.1.2 Salmonella in foodstuffs

Table Salmonella in poultry meat and products thereof

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Meat from broilers (Gallus gallus) - carcase - at slaughterhouse - Surveillance	CVRL	Convenience sampling	Official sampling	food sample		Single	25g	239	6		
Meat from broilers (Gallus gallus) - fresh - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	4			
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	112			
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	110			
Meat from turkey - carcase - at slaughterhouse - Surveillance	CVRL	Convenience sampling	Official sampling	food sample		Single	25g	4			
Meat from turkey - fresh - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	2			
Meat from turkey - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	53			

Table Salmonella in poultry meat and products thereof

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Meat from turkey - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	1			
Meat from duck - carcase - at slaughterhouse - Surveillance	CVRL	Convenience sampling	Official sampling	food sample		Single	25g	12	5		
Meat from broilers (Gallus gallus) - carcase - spent hens - at slaughterhouse - Surveillance	CVRL	Convenience sampling	Official sampling	food sample		Single	25g	21			
Meat from broilers (Gallus gallus) - fresh - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	299	2		
Meat from broilers (Gallus gallus) - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	80			
Meat from broilers (Gallus gallus) - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	59			
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	2			
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	512			
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	21			
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			

Table Salmonella in poultry meat and products thereof

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	617	4		1
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			
Meat from duck - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	11	1		
Meat from duck - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			
Meat from duck - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	8			
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	4			
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	10			
Meat from poultry, unspecified - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	13			
Meat from poultry, unspecified - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	3			
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	39			
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	2			

Table Salmonella in poultry meat and products thereof

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Meat from poultry, unspecified - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	18			
Meat from poultry, unspecified - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	16			
Meat from turkey - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	8			
Meat from turkey - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	3			
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	75			
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	1			
Meat from turkey - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			

	Salmonella spp., unspecified	S. Bredeney	S. Enteritidis - PT 3	S. Infantis	S. Javiana	S. Kentucky	S. Schwarzengrund
Meat from broilers (Gallus gallus) - carcase - at slaughterhouse - Surveillance						6	
Meat from broilers (Gallus gallus) - fresh - at processing plant - Surveillance							

Table Salmonella in poultry meat and products thereof

	Salmonella spp., unspecified	S. Bredeney	S. Enteritidis - PT 3	S. Infantis	S. Javiana	S. Kentucky	S. Schwarzengr und
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at processing plant - Surveillance							
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance							
Meat from turkey - carcase - at slaughterhouse - Surveillance							
Meat from turkey - fresh - at processing plant - Surveillance							
Meat from turkey - meat products - cooked, ready-to- eat - at processing plant - Surveillance							
Meat from turkey - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance							
Meat from duck - carcase - at slaughterhouse - Surveillance		1		1			3
Meat from broilers (Gallus gallus) - carcase - spent hens - at slaughterhouse - Surveillance							
Meat from broilers (Gallus gallus) - fresh - at retail - Surveillance				1	1		
Meat from broilers (Gallus gallus) - meat products - at processing plant - Surveillance							
Meat from broilers (Gallus gallus) - meat products - at retail - Surveillance							

Table Salmonella in poultry meat and products thereof

	Salmonella spp., unspecified	S. Bredeney	S. Enteritidis - PT 3	S. Infantis	S. Javiana	S. Kentucky	S. Schwarzengr und
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance							
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance							
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance							
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance							
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail - Surveillance	1		1		1		
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail - Surveillance							
Meat from duck - meat products - at processing plant - Surveillance	1						
Meat from duck - meat products - at retail - Surveillance							
Meat from duck - meat products - cooked, ready-to- eat - at processing plant - Surveillance							
Meat from duck - meat products - cooked, ready-to- eat - at retail - Surveillance							

Table Salmonella in poultry meat and products thereof

	Salmonella spp., unspecified	S. Bredeney	S. Enteritidis - PT 3	S. Infantis	S. Javiana	S. Kentucky	S. Schwarzengrund
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance							
Meat from poultry, unspecified - meat products - at processing plant - Surveillance							
Meat from poultry, unspecified - meat products - at retail - Surveillance							
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at processing plant - Surveillance							
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at retail - Surveillance							
Meat from poultry, unspecified - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance							
Meat from poultry, unspecified - meat products - raw but intended to be eaten cooked - at retail - Surveillance							
Meat from turkey - meat products - at processing plant - Surveillance							
Meat from turkey - meat products - at retail - Surveillance							
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Surveillance							
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Surveillance							

Table Salmonella in poultry meat and products thereof

	Salmonella spp., unspecified	S. Bredeney	S. Enteritidis - PT 3	S. Infantis	S. Javiana	S. Kentucky	S. Schwarzengr und
Meat from turkey - meat products - raw but intended to be eaten cooked - at retail - Surveillance							

Footnote:

* Sample Weight: Sample weight is most usually 25g but occasionally there are other sample weights recorded (range from 10g - 25.99g).

Table Salmonella in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Fishery products, unspecified - cooked - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample		Single	25g	5			
Bakery products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	43			
Bakery products - bread - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	14			
Bakery products - cakes - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	123			
Bakery products - desserts - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	59			
Bakery products - pastry - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	9			
Beverages, alcoholic - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Beverages, non-alcoholic - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			
Beverages, non-alcoholic - soft drinks - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	15			
Cereals and meals - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	118			
Chocolate - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			
Cocoa and cocoa preparations, coffee and tea - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Confectionery products and pastes - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	12			
Crustaceans - prawns - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	6			
Crustaceans - prawns - cooked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	6			

Table Salmonella in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Crustaceans - prawns - cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	7			
Crustaceans - prawns - raw - at processing plant - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Crustaceans - shrimps - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	1			
Crustaceans - shrimps - cooked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	1			
Crustaceans - shrimps - raw - frozen - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	1			
Crustaceans - unspecified - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	16			
Crustaceans - unspecified - cooked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	16			
Crustaceans - unspecified - cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	11			
Crustaceans - unspecified - cooked - frozen - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	16			
Crustaceans - unspecified - raw - frozen - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	1			
Egg products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	8			
Egg products - non-ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	5			
Egg products - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	143			

Table Salmonella in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Eggs - table eggs - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	58			
Eggs - table eggs - shell - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	32			
Fish - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	5			
Fish - cooked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	1			
Fish - raw - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	5			
Fish - smoked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	36			
Fish - smoked - cold-smoked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	1			
Fishery products, unspecified - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	12			
Fishery products, unspecified - cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	62			
Fishery products, unspecified - non-ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	6			
Fishery products, unspecified - raw - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	8			
Fishery products, unspecified - raw - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample		Single	25g	1			
Fishery products, unspecified - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	30			
Fishery products, unspecified - ready-to-eat - chilled - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	8			

Table Salmonella in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Fishery products, unspecified - seafood pâté - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	12			
Fishery products, unspecified - seafood pâté - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Fishery products, unspecified - seafood pâté - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample		Single	25g	1			
Fishery products, unspecified - smoked - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample		Single	25g	1			
Fishery products, unspecified - smoked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	11			
Foodstuffs intended for special nutritional uses - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Fruits - products - dried - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Fruits - products - fruit purée - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Fruits and vegetables - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	502			
Fruits and vegetables - pre-cut - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	13			
Fruits and vegetables - pre-cut - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample		Single	25g	1			

Table Salmonella in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Fruits and vegetables - pre-cut - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	186			
Fruits and vegetables - products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	415			
Fruits and vegetables - products - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample		Single	25g	2			
Honey - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Infant formula - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			
Infant formula - dried - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	20			
Infant formula - dried - at retail - Surveillance	OFML	Census	Official sampling	food sample		Single	25g*	5			
Infant formula - dried - intended for infants below 6 months - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	32			
Infant formula - liquid - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	3			
Infant formula - liquid - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Juice - fruit juice - pasteurised - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			
Juice - mixed juice - pasteurised - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Live bivalve molluscs - oysters - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	10			
Live bivalve molluscs - oysters - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	5			

Table Salmonella in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Live bivalve molluscs - unspecified - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	1			
Meat from other animal species or not specified - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	1			
Meat from other animal species or not specified - fresh - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			
Meat from other animal species or not specified - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	2			
Meat from other animal species or not specified - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	24			
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	6			
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	122			
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	1			
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	19			
Meat from other animal species or not specified - minced meat - intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	9			
Meat, mixed meat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	2			

Table Salmonella in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	35			
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	2			
Molluscan shellfish - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	1			
Molluscan shellfish - cooked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	10			
Molluscan shellfish - cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			
Molluscan shellfish - cooked - frozen - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	not stated	2			
Molluscan shellfish - raw - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Mushrooms - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3	1		
Nuts and nut products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	19			
Nuts and nut products - dried - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Nuts and nut products - roasted - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Other food - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample		Single	25g	16			
Other food - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample > carcass swabs		Single	Not Stated	36			
Other food - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			

Table Salmonella in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Other food - at retail - Surveillance (Environmental Swabs)	OFML	Convenience sampling	Official sampling	environmental sample		Single	Not Stated	135			
Other processed food products and prepared dishes - noodles - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Other processed food products and prepared dishes - pasta - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	6			
Other processed food products and prepared dishes - pasta/rice salad - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	33			
Other processed food products and prepared dishes - sandwiches - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	13			
Other processed food products and prepared dishes - sandwiches - non-meat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	13			
Other processed food products and prepared dishes - sandwiches - with meat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	84			
Other processed food products and prepared dishes - sushi - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Other processed food products and prepared dishes - unspecified - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	61			
Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	19			
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	792	1		

Table Salmonella in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Other products of animal origin - gelatin and collagen - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample		Single	25g	1			
Potato chips - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	10			
Sauce and dressings - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	153			
Sauce and dressings - mayonnaise - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	31			
Seeds, dried - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	13			
Seeds, sprouted - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Soups - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	7			
Soups - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	51			
Spices and herbs - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample		Single	25g	1			
Spices and herbs - at retail - Surveillance ¹⁾	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	164	1		
Spices and herbs - fresh - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	17			
Sweets - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	15			
	Salmonella spp., unspecified	S. Senftenberg	S. Veneziana								
Fishery products, unspecified - cooked - at retail - Surveillance											

Table Salmonella in other food

	Salmonella spp., unspecified	S. Senftenberg	S. Veneziana
Bakery products - at retail - Surveillance			
Bakery products - bread - at retail - Surveillance			
Bakery products - cakes - at retail - Surveillance			
Bakery products - desserts - at retail - Surveillance			
Bakery products - pastry - at retail - Surveillance			
Beverages, alcoholic - at retail - Surveillance			
Beverages, non-alcoholic - at retail - Surveillance			
Beverages, non-alcoholic - soft drinks - at retail - Surveillance			
Cereals and meals - at retail - Surveillance			
Chocolate - at retail - Surveillance			
Cocoa and cocoa preparations, coffee and tea - at retail - Surveillance			
Confectionery products and pastes - at retail - Surveillance			
Crustaceans - prawns - at retail - Surveillance			
Crustaceans - prawns - cooked - at processing plant - Surveillance			
Crustaceans - prawns - cooked - at retail - Surveillance			

Table Salmonella in other food

	Salmonella spp., unspecified	S. Senftenberg	S. Veneziana
Crustaceans - prawns - raw - at processing plant - Surveillance			
Crustaceans - shrimps - at processing plant - Surveillance			
Crustaceans - shrimps - cooked - at processing plant - Surveillance			
Crustaceans - shrimps - raw - frozen - at processing plant - Surveillance			
Crustaceans - unspecified - at processing plant - Surveillance			
Crustaceans - unspecified - cooked - at processing plant - Surveillance			
Crustaceans - unspecified - cooked - at retail - Surveillance			
Crustaceans - unspecified - cooked - frozen - at processing plant - Surveillance			
Crustaceans - unspecified - raw - frozen - at processing plant - Surveillance			
Egg products - at retail - Surveillance			
Egg products - non-ready-to-eat - at retail - Surveillance			
Egg products - ready-to-eat - at retail - Surveillance			
Eggs - table eggs - at retail - Surveillance			

Table Salmonella in other food

	Salmonella spp., unspecified	S. Senftenberg	S. Veneziana
Eggs - table eggs - shell - at retail - Surveillance			
Fish - at processing plant - Surveillance			
Fish - cooked - at processing plant - Surveillance			
Fish - raw - at processing plant - Surveillance			
Fish - smoked - at processing plant - Surveillance			
Fish - smoked - cold-smoked - at processing plant - Surveillance			
Fishery products, unspecified - at retail - Surveillance			
Fishery products, unspecified - cooked - at retail - Surveillance			
Fishery products, unspecified - non-ready-to-eat - at retail - Surveillance			
Fishery products, unspecified - raw - at retail - Surveillance			
Fishery products, unspecified - raw - at retail - Surveillance			
Fishery products, unspecified - ready-to-eat - at retail - Surveillance			
Fishery products, unspecified - ready-to-eat - chilled - at retail - Surveillance			
Fishery products, unspecified - seafood pâté - at processing plant - Surveillance			

Table Salmonella in other food

	Salmonella spp., unspecified	S. Senftenberg	S. Veneziana
Fishery products, unspecified - seafood pâté - at retail - Surveillance			
Fishery products, unspecified - seafood pâté - at retail - Surveillance			
Fishery products, unspecified - smoked - at retail - Surveillance			
Fishery products, unspecified - smoked - at retail - Surveillance			
Foodstuffs intended for special nutritional uses - at retail - Surveillance			
Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - at retail - Surveillance			
Fruits - products - dried - at retail - Surveillance			
Fruits - products - fruit purée - at retail - Surveillance			
Fruits and vegetables - at retail - Surveillance			
Fruits and vegetables - pre-cut - at retail - Surveillance			
Fruits and vegetables - pre-cut - at retail - Surveillance			
Fruits and vegetables - pre-cut - ready-to-eat - at retail - Surveillance			

Table Salmonella in other food

	Salmonella spp., unspecified	S. Senftenberg	S. Veneziana
Fruits and vegetables - products - at retail - Surveillance			
Fruits and vegetables - products - at retail - Surveillance			
Honey - at retail - Surveillance			
Infant formula - at retail - Surveillance			
Infant formula - dried - at processing plant - Surveillance			
Infant formula - dried - at retail - Surveillance			
Infant formula - dried - intended for infants below 6 months - at processing plant - Surveillance			
Infant formula - liquid - at processing plant - Surveillance			
Infant formula - liquid - at retail - Surveillance			
Juice - fruit juice - pasteurised - at retail - Surveillance			
Juice - mixed juice - pasteurised - at retail - Surveillance			
Live bivalve molluscs - oysters - at processing plant - Surveillance			
Live bivalve molluscs - oysters - at retail - Surveillance			
Live bivalve molluscs - unspecified - at processing plant - Surveillance			

Table Salmonella in other food

	Salmonella spp., unspecified	S. Senftenberg	S. Veneziana
Meat from other animal species or not specified - at processing plant - Surveillance			
Meat from other animal species or not specified - fresh - at retail - Surveillance			
Meat from other animal species or not specified - meat products - at processing plant - Surveillance			
Meat from other animal species or not specified - meat products - at retail - Surveillance			
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at processing plant - Surveillance			
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance			
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance			
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance			
Meat from other animal species or not specified - minced meat - intended to be eaten cooked - at retail - Surveillance			
Meat, mixed meat - at retail - Surveillance			
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance			

Table Salmonella in other food

	Salmonella spp., unspecified	S. Senftenberg	S. Veneziana
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance			
Molluscan shellfish - at processing plant - Surveillance			
Molluscan shellfish - cooked - at processing plant - Surveillance			
Molluscan shellfish - cooked - at retail - Surveillance			
Molluscan shellfish - cooked - frozen - at processing plant - Surveillance			
Molluscan shellfish - raw - at retail - Surveillance			
Mushrooms - at retail - Surveillance		1	
Nuts and nut products - at retail - Surveillance			
Nuts and nut products - dried - at retail - Surveillance			
Nuts and nut products - roasted - at retail - Surveillance			
Other food - at processing plant - Surveillance			
Other food - at processing plant - Surveillance			
Other food - at retail - Surveillance			
Other food - at retail - Surveillance (Environmental Swabs)			

Table Salmonella in other food

	Salmonella spp., unspecified	S. Senftenberg	S. Veneziana
Other processed food products and prepared dishes - noodles - at retail - Surveillance			
Other processed food products and prepared dishes - pasta - at retail - Surveillance			
Other processed food products and prepared dishes - pasta/rice salad - at retail - Surveillance			
Other processed food products and prepared dishes - sandwiches - at retail - Surveillance			
Other processed food products and prepared dishes - sandwiches - non-meat - at retail - Surveillance			
Other processed food products and prepared dishes - sandwiches - with meat - at retail - Surveillance			
Other processed food products and prepared dishes - sushi - at retail - Surveillance			
Other processed food products and prepared dishes - unspecified - at retail - Surveillance			
Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - at retail - Surveillance			
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance			1
Other products of animal origin - gelatin and collagen - at retail - Surveillance			

Table Salmonella in other food

	Salmonella spp., unspecified	S. Senftenberg	S. Veneziana
Potato chips - at retail - Surveillance			
Sauce and dressings - at retail - Surveillance			
Sauce and dressings - mayonnaise - at retail - Surveillance			
Seeds, dried - at retail - Surveillance			
Seeds, sprouted - ready-to-eat - at retail - Surveillance			
Soups - at retail - Surveillance			
Soups - ready-to-eat - at retail - Surveillance			
Spices and herbs - at retail - Surveillance			
Spices and herbs - at retail - Surveillance ¹⁾	1		
Spices and herbs - fresh - at retail - Surveillance			
Sweets - at retail - Surveillance			

Comments:

¹⁾ The positive isolate was destroyed in error. No serotyping result is available.

Footnote:

* Sample Weight: Sample weight is most usually 25g but occasionally there are other sample weights recorded (range from 10g - 25.99g).

Table Salmonella in red meat and products thereof

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Meat from pig - fresh - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	18	2		
Meat from pig - minced meat - intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	2	1		
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	137	2		
Meat from pig - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	188			
Meat from bovine animals - fresh - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	71			
Meat from bovine animals - fresh - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	2			
Meat from bovine animals - minced meat - intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	31			
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	4			
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	5			
Meat from bovine animals - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	132			

Table Salmonella in red meat and products thereof

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	192			
Meat from sheep - fresh - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	19			
Meat from bovine animals - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	12			
Meat from bovine animals - meat preparation - intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	9			
Meat from bovine animals - meat preparation - intended to be eaten cooked - at retail - Survey - national survey	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	564			
Meat from bovine animals - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	152			
Meat from bovine animals - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	15			
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	11			
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	156			
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	1			
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Survey - national survey	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	419	1		

Table Salmonella in red meat and products thereof

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Meat from bovine animals and pig - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	9			
Meat from bovine animals and pig - meat products - at processing plant - Surveillance (cooked, ready-to-eat)	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	7			
Meat from bovine animals and pig - meat products - at processing plant - Surveillance (raw but intended to be eaten cooked)	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	1			
Meat from bovine animals and pig - minced meat - intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	2			
Meat from deer (venison) - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	1			
Meat from deer (venison) - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	2			
Meat from pig - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	24			
Meat from pig - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	109	2		
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	338			
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	64			
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	14			
Meat from sheep - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	11			

Table Salmonella in red meat and products thereof

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Meat from sheep - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	7			
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	22			
Meat from sheep - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	5			
Meat from sheep - minced meat - intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	4			
Meat from sheep - offal - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	2			
Meat, mixed meat - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	10			
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	15			
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	2			
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	3			

Table Salmonella in red meat and products thereof

	Salmonella spp., unspecified	S. Dublin
Meat from pig - fresh - at processing plant - Surveillance	2	
Meat from pig - minced meat - intended to be eaten cooked - at processing plant - Surveillance	1	
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance	2	
Meat from pig - meat products - cooked, ready-to-eat - at processing plant - Surveillance		
Meat from bovine animals - fresh - at processing plant - Surveillance		
Meat from bovine animals - fresh - at retail - Surveillance		
Meat from bovine animals - minced meat - intended to be eaten cooked - at processing plant - Surveillance		
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance		
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance		
Meat from bovine animals - meat products - cooked, ready-to-eat - at processing plant - Surveillance		
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance		

Table Salmonella in red meat and products thereof

	Salmonella spp., unspecified	S. Dublin
Meat from sheep - fresh - at processing plant - Surveillance		
Meat from bovine animals - at processing plant - Surveillance		
Meat from bovine animals - meat preparation - intended to be eaten cooked - at retail - Surveillance		
Meat from bovine animals - meat preparation - intended to be eaten cooked - at retail - Survey - national survey		
Meat from bovine animals - meat products - at processing plant - Surveillance		
Meat from bovine animals - meat products - at retail - Surveillance		
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance		
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance		
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance		
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Survey - national survey		1
Meat from bovine animals and pig - meat products - at processing plant - Surveillance		

Table Salmonella in red meat and products thereof

	Salmonella spp., unspecified	S. Dublin
Meat from bovine animals and pig - meat products - at processing plant - Surveillance (cooked, ready-to-eat)		
Meat from bovine animals and pig - meat products - at processing plant - Surveillance (raw but intended to be eaten cooked)		
Meat from bovine animals and pig - minced meat - intended to be eaten cooked - at processing plant - Surveillance		
Meat from deer (venison) - meat products - at processing plant - Surveillance		
Meat from deer (venison) - meat products - cooked, ready-to-eat - at retail - Surveillance		
Meat from pig - at retail - Surveillance		
Meat from pig - meat products - at processing plant - Surveillance	2	
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance		
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance		
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance		
Meat from sheep - meat products - at processing plant - Surveillance		
Meat from sheep - meat products - cooked, ready-to-eat - at processing plant - Surveillance		

Table Salmonella in red meat and products thereof

	Salmonella spp., unspecified	S. Dublin
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance		
Meat from sheep - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance		
Meat from sheep - minced meat - intended to be eaten cooked - at processing plant - Surveillance		
Meat from sheep - offal - at processing plant - Surveillance		
Meat, mixed meat - meat products - at processing plant - Surveillance		
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance		
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance		
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance		

2.1.3 Salmonella in animals

Table Salmonella in breeding flocks of Gallus gallus

	No of flocks under control programme	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Target Verification	Sampling unit	Units tested	Total units positive for Salmonella	S. Enteritidis
Gallus gallus (fowl) - grandparent breeding flocks for egg production line - adult - at farm - Control and eradication programmes	15	CVRL	Census	Official sampling	environmental sample	Domestic	yes	herd/flock	15	0	
Gallus gallus (fowl) - parent breeding flocks for egg production line - adult - at farm - Control and eradication programmes	124	CVRL	Census	Official sampling	environmental sample	Domestic	yes	herd/flock	124	1	
	S. Hadar	S. Infantis	S. Typhimurium	S. Virchow	S. 1,4,[5],12:i:-	Salmonella spp., unspecified	S. Dublin				
Gallus gallus (fowl) - grandparent breeding flocks for egg production line - adult - at farm - Control and eradication programmes											
Gallus gallus (fowl) - parent breeding flocks for egg production line - adult - at farm - Control and eradication programmes							1				

Table Salmonella in other birds

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified
Birds - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	88	2		1	
Pheasants - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	35	0			
Pigeons - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	22	1		1	

	S. Dublin
Birds - at farm - Clinical investigations	1
Pheasants - at farm - Clinical investigations	
Pigeons - at farm - Clinical investigations	

Table Salmonella in other animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	S. 1,4,[5],12:i:-
Cats - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	18	0			
Cattle (bovine animals) - adult cattle over 2 years - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	1575	133	1	19	
Cattle (bovine animals) - calves (under 1 year) - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample > foetus/stillbirth	Domestic	Animal	3055	369		2	
Cattle (bovine animals) - calves (under 1 year) - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	6890	178		5	
Deer - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	16	0			
Dogs - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	140	3		1	
Goats - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	32	1			
Other animals - exotic pet animals - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	40	0			
Pigs - breeding animals - unspecified - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	17	1		1	
Pigs - fattening pigs - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	344	5		3	
Rabbits - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	26	0			
Sheep - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	1579	24		2	
Solipeds, domestic - horses - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	172	4		3	

Table Salmonella in other animals

	Salmonella spp., unspecified	S. Dublin	S. Mbandaka	S. Newport	S. enterica subsp. arizonae	S. enterica subsp. diarizonae
Cats - at farm - Clinical investigations						
Cattle (bovine animals) - adult cattle over 2 years - at farm - Clinical investigations	1	112				
Cattle (bovine animals) - calves (under 1 year) - at farm - Clinical investigations	2	363	1	1		
Cattle (bovine animals) - calves (under 1 year) - at farm - Clinical investigations		173				
Deer - at farm - Clinical investigations						
Dogs - at farm - Clinical investigations		2				
Goats - at farm - Clinical investigations		1				
Other animals - exotic pet animals - at farm - Clinical investigations						
Pigs - breeding animals - unspecified - at farm - Clinical investigations						
Pigs - fattening pigs - at farm - Clinical investigations		2				
Rabbits - at farm - Clinical investigations						
Sheep - at farm - Clinical investigations		13	3		1	5
Solipeds, domestic - horses - at farm - Clinical investigations		1				

Table Salmonella in other poultry

	No of flocks under control programme	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Target Verification	Sampling unit	Units tested	Total units positive for Salmonella	S. Enteritidis
Gallus gallus (fowl) - laying hens - adult - at farm - Control and eradication programmes	238	CVRL	Objective sampling	Official sampling	environmental sample	Domestic	yes	herd/flock	193	1	
Gallus gallus (fowl) - broilers - before slaughter - at farm - Control and eradication programmes	662	CVRL	Census	Official sampling	environmental sample	Domestic	yes	herd/flock	33	1	
Turkeys - breeding flocks, unspecified - adult - at farm - Control and eradication programmes	13	CVRL	Census	Official sampling	environmental sample	Domestic	yes	herd/flock	5	0	
Turkeys - fattening flocks - before slaughter - at farm - Control and eradication programmes	68	CVRL	Census	Official sampling	environmental sample	Domestic	yes	herd/flock	17	3	
Gallus gallus (fowl) - broilers - at farm - Clinical investigations		RVL	Suspect sampling	Industry sampling	animal sample	Domestic		Animal	401	5	
Turkeys - at farm - Clinical investigations		RVL	Suspect sampling	Industry sampling	animal sample	Domestic		Animal	84	1	

	S. Typhimurium	S. 1,4,[5],12:i:-	Salmonella spp., unspecified	S. Dublin	S. Kentucky	S. Kottbus
Gallus gallus (fowl) - laying hens - adult - at farm - Control and eradication programmes				1		
Gallus gallus (fowl) - broilers - before slaughter - at farm - Control and eradication programmes					1	
Turkeys - breeding flocks, unspecified - adult - at farm - Control and eradication programmes						
Turkeys - fattening flocks - before slaughter - at farm - Control and eradication programmes	1		1			1

Table Salmonella in other poultry

	S. Typhimurium	S. 1,4,[5],12:i:-	Salmonella spp., unspecified	S. Dublin	S. Kentucky	S. Kottbus
Gallus gallus (fowl) - broilers - at farm - Clinical investigations	2			3		
Turkeys - at farm - Clinical investigations			1			

2.1.4 Salmonella in feedingstuffs

Table Salmonella in compound feedingstuffs

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Compound feedingstuffs for cattle - final product - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 G	65	0		
Compound feedingstuffs for pigs - final product - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 G	19	1		1
Compound feedingstuffs for poultry (non specified) - final product - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 G	5	0		
Compound feedingstuffs for poultry - breeders - final product - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 G	1	0		
Compound feedingstuffs for poultry - laying hens - final product - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 G	9	0		
Compound feedingstuffs for poultry - broilers - final product - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 G	8	0		
Compound feedingstuffs for sheep - final product	CVRL	Objective sampling	Official sampling	feed sample		Single	25 G	4	0		
Pet food	CVRL	Objective sampling	Official and industry sampling	feed sample		Single	25 G	2	0		

Table Salmonella in compound feedingstuffs

	Salmonella spp., unspecified
Compound feedingstuffs for cattle - final product - at feed mill - Surveillance	
Compound feedingstuffs for pigs - final product - at feed mill - Surveillance	
Compound feedingstuffs for poultry (non specified) - final product - at feed mill - Surveillance	
Compound feedingstuffs for poultry - breeders - final product - at feed mill - Surveillance	
Compound feedingstuffs for poultry - laying hens - final product - at feed mill - Surveillance	
Compound feedingstuffs for poultry - broilers - final product - at feed mill - Surveillance	
Compound feedingstuffs for sheep - final product	
Pet food	

Table Salmonella in feed material of animal origin

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Feed material of land animal origin - poultry offal meal - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	1	0		
	Salmonella spp., unspecified										
Feed material of land animal origin - poultry offal meal - at feed mill - Surveillance											

Table Salmonella in other feed matter

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Feed material of cereal grain origin - barley derived - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	27	0		
Feed material of cereal grain origin - wheat derived - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	18	0		
Feed material of cereal grain origin - other cereal grain derived - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	5	0		
Feed material of cereal grain origin - maize derived - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	30	0		
Feed material of oil seed or fruit origin - rape seed derived - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	8	0		
Feed material of oil seed or fruit origin - palm kernel derived - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	5	0		
Feed material of oil seed or fruit origin - soya (bean) derived - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	15	0		
Feed material of oil seed or fruit origin - sunflower seed derived - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	2	0		
Feed material of oil seed or fruit origin - other oil seeds derived - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	2	0		
Other feed material - legume seeds and similar products - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	1	0		
Other feed material - tubers, roots and similar products - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	2	0		
Other feed material - other seeds and fruits - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	7	0		

Table Salmonella in other feed matter

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium
Other feed material - other plants - at feed mill - Surveillance	CVRL	Objective sampling	Official sampling	feed sample		Single	25 g	3	0		
	Salmonella spp., unspecified										
Feed material of cereal grain origin - barley derived - at feed mill - Surveillance											
Feed material of cereal grain origin - wheat derived - at feed mill - Surveillance											
Feed material of cereal grain origin - other cereal grain derived - at feed mill - Surveillance											
Feed material of cereal grain origin - maize derived - at feed mill - Surveillance											
Feed material of oil seed or fruit origin - rape seed derived - at feed mill - Surveillance											
Feed material of oil seed or fruit origin - palm kernel derived - at feed mill - Surveillance											
Feed material of oil seed or fruit origin - soya (bean) derived - at feed mill - Surveillance											
Feed material of oil seed or fruit origin - sunflower seed derived - at feed mill - Surveillance											
Feed material of oil seed or fruit origin - other oil seeds derived - at feed mill - Surveillance											

Table Salmonella in other feed matter

	Salmonella spp., unspecified
Other feed material - legume seeds and similar products - at feed mill - Surveillance	
Other feed material - tubers, roots and similar products - at feed mill - Surveillance	
Other feed material - other seeds and fruits - at feed mill - Surveillance	
Other feed material - other plants - at feed mill - Surveillance	

2.1.5 Salmonella serovars and phagetype distribution

The methods of collecting, isolating and testing of the Salmonella isolates are described in the chapters above respectively for each animal species, foodstuffs and humans. The serotype and phagetype distributions can be used to investigate the sources of the Salmonella infections in humans. Findings of same serovars and phagetypes in human cases and in foodstuffs or animals may indicate that the food category or animal species in question serves as a source of human infections. However as information is not available from all potential sources of infections, conclusions have to be drawn with caution.

Table Salmonella serovars in animals

Serovar	Cattle (bovine animals)				Pigs				Gallus gallus (fowl)				Other poultry
	Control program	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance	Control program
Sources of isolates													
Number of isolates in the laboratory			680				6						
Number of isolates serotyped	0	0	677	0	0	0	6	0	0	0	0	0	0
Number of isolates per serovar													
S. Dublin			648				2						
S. Enteritidis			1										
S. Mbandaka			1										
S. Newport			1										
S. Typhimurium			26				4						
S. enterica subsp. arizonae			0										

Table Salmonella serovars in animals

Serovar	Cattle (bovine animals)				Pigs				Gallus gallus (fowl)				Other poultry
	Control program	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance	Control program
Sources of isolates													
Number of isolates in the laboratory			680				6						
Number of isolates serotyped	0	0	677	0	0	0	6	0	0	0	0	0	0
Number of isolates per serovar													
S. enterica subsp. diarizonae			0										

Serovar	Other poultry			Other animals			
	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance
Sources of isolates							
Number of isolates in the laboratory						32	
Number of isolates serotyped	0	0	0	0	0	32	0
Number of isolates per serovar							
S. Dublin						17	
S. Enteritidis							
S. Mbandaka						3	
S. Newport							
S. Typhimurium						6	

Table Salmonella serovars in animals

Serovar	Other poultry			Other animals			
	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance
Sources of isolates							
Number of isolates in the laboratory						32	
Number of isolates serotyped	0	0	0	0	0	32	0
Number of isolates per serovar							
S. enterica subsp. arizonae						1	
S. enterica subsp. diarizonae						5	

Table Salmonella serovars in food

Serovar	Meat from bovine animals		Meat from pig		Meat from broilers (Gallus gallus)		Meat from other poultry species		Other products of animal origin		Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Survey - national survey		Mushrooms - at retail - Surveillance
	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring
	Sources of isolates												
	Number of isolates in the laboratory												
Number of isolates serotyped		0	0	0	0	12	0	5	0	0		1	0
Number of isolates per serovar													
S. Enteritidis - PT 3						1							
S. Bredeney								1					
S. Dublin												1	
S. Infantis						1		1					
S. Javiana						2							
S. Kentucky						6							
S. Schwarzengrund								3					
S. Senftenberg													
S. Typhimurium						1							

Table Salmonella serovars in food

Serovar	Meat from bovine animals		Meat from pig		Meat from broilers (Gallus gallus)		Meat from other poultry species		Other products of animal origin		Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Survey - national survey		Mushrooms - at retail - Surveillance
	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring
Sources of isolates													
Number of isolates in the laboratory						12		5				1	
Number of isolates serotyped	0	0	0	0	0	12	0	5	0	0		1	0
Number of isolates per serovar													
S. Veneziana													
Salmonella spp., unspecified						1							

Serovar	Mushrooms - at retail - Surveillance	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance		Spices and herbs - fresh - at retail - Surveillance	
	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance
Sources of isolates					
Number of isolates in the laboratory	1		1		1
Number of isolates serotyped	1	0	1	0	1
Number of isolates per serovar					
S. Enteritidis - PT 3					
S. Bredeney					

Table Salmonella serovars in food

Serovar	Mushrooms - at retail - Surveillance	Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance		Spices and herbs - fresh - at retail - Surveillance	
	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance
Sources of isolates					
Number of isolates in the laboratory	1		1		1
Number of isolates serotyped	1	0	1	0	1
Number of isolates per serovar					
S. Dublin					
S. Infantis					
S. Javiana					
S. Kentucky					
S. Schwarzengrund					
S. Senftenberg	1				
S. Typhimurium					
S. Veneziana			1		
Salmonella spp., unspecified					1

Table Salmonella serovars in food

Table Salmonella Enteritidis phagetypes in animals

Phagetype	Cattle (bovine animals)				Pigs				Gallus gallus (fowl)				Other poultry
	Control program	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance	Control program
Sources of isolates													
Number of isolates in the laboratory			1										
Number of isolates phagetyped	0	0	1	0	0	0	0	0	0	0	0	0	0
Number of isolates per phagetype													
PT 4			1										

Phagetype	Other poultry		
	Monitoring	Clinical	Surveillance
Sources of isolates			
Number of isolates in the laboratory			
Number of isolates phagetyped	0	0	0
Number of isolates per phagetype			
PT 4			

Table Salmonella Typhimurium phage types in animals

Phagetype	Cattle (bovine animals)				Pigs				Gallus gallus (fowl)				Other poultry
	Control program	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance	Control program
Sources of isolates													
Number of isolates in the laboratory			26				4						
Number of isolates phagetyped	0	0	26	0	0	0	4	0	0	0	0	0	0
Number of isolates per phagetype													
DT 104			5				0						
DT 104b			5				1						
DT 12			2				0						
DT 135			2				0						
DT 193			7				2						
Not typeable			5				1						

Table Salmonella Typhimurium phage types in animals

Phagetype	Other poultry			Other animals			
	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance
Sources of isolates							
Number of isolates in the laboratory						10	
Number of isolates phagetyped	0	0	0	0	0	10	0
Number of isolates per phagetype							
DT 104						3	
DT 104b						1	
DT 12						0	
DT 135						0	
DT 193						3	
Not typeable						3	

2.1.6 Antimicrobial resistance in Salmonella isolates

Table Antimicrobial susceptibility testing of Salmonella in Cattle (bovine animals)

Salmonella	S. Enteritidis		S. Typhimurium		S. 1,4,[5],12:i:-		S. Dublin		S. Infantis		Salmonella spp.	
Isolates out of a monitoring program (yes/no)	no		no				no					
Number of isolates available in the laboratory	1		14				369					
Antimicrobials:	N	n	N	n	N	n	N	n	N	n	N	n
Aminoglycosides - Neomycin	1	0	13	0			367	4				
Aminoglycosides - Streptomycin	1	0	14	12			362	7				
Fluoroquinolones - Enrofloxacin	1	1	14	0			367	1				
Penicillins - Ampicillin	1	0	14	10			364	25				
Tetracyclines - Tetracycline	1	0	13	11			369	1				
Fully sensitive	0											
Resistant to 1 antimicrobial	0											
Resistant to 2 antimicrobials	1	0										
Cephalosporins - Cefpodoxime	1	0	14	0			369	0				
Cephalosporins - Ceftiofur	1	1	11	0			367	5				
Penicillins - Amoxicillin / Clavulanic acid	1	0	12	5			363	6				
Trimethoprim + Sulfonamides - Trimethoprim + Sulfamethoxazol	1	0	13	0			369	0				

Table Antimicrobial susceptibility testing of Salmonella in Pigs

Salmonella	S. Enteritidis		S. Typhimurium		S. 1,4,[5],12:i:-		S. Derby		Salmonella spp.		S. Dublin	
	Isolates out of a monitoring program (yes/no)										no	
	Number of isolates available in the laboratory										3	
	N	n	N	n	N	n	N	n	N	n	N	n
Antimicrobials:												
Aminoglycosides - Neomycin											3	0
Aminoglycosides - Streptomycin											3	0
Fluoroquinolones - Enrofloxacin											3	0
Penicillins - Ampicillin											3	0
Tetracyclines - Tetracycline											3	1
Cephalosporins - Cefpodoxime											3	0
Cephalosporins - Ceftiofur											3	0
Trimethoprim + Sulfonamides - Trimethoprim + Sulfamethoxazol											3	0

Table Antimicrobial susceptibility testing of S. Give in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Give	All feedingstuffs - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Give in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks
- feed sample - quantitative data [Dilution method]

S. Give Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All feedingstuffs - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Idikan in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Idikan	All feedingstuffs - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	2	0									1	1															
Aminoglycosides - Kanamycin	4	2	0													2												
Aminoglycosides - Streptomycin	32	2	0														2											
Amphenicols - Chloramphenicol	16	2	0														2											
Amphenicols - Florfenicol	16	2	0														2											
Cephalosporins - Cefotaxime	0	2	2								2																	
Fluoroquinolones - Ciprofloxacin	0	2	2						2																			
Penicillins - Ampicillin	4	2	0											2														
Quinolones - Nalidixic acid	16	2	0													2												
Trimethoprim	2	2	0										2															
Cephalosporins - Ceftazidim	2	2	0										2															
Sulfonamides - Sulfamethoxazol	256	2	0																	2								
Tetracyclines	8	2	0												2													

Table Antimicrobial susceptibility testing of *S. Idikan* in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

S. Idikan Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All feedingstuffs - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Senftenberg* in Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance - Unspecified - Official sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Senftenberg	Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0															1									
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Senftenberg* in Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance - Unspecified - Official sampling - animal sample - quantitative data [Dilution method]

S. Senftenberg Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Tennessee in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Tennessee	All feedingstuffs - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Tennessee in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

S. Tennessee Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All feedingstuffs - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	All feedingstuffs - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	≤0.002	≤0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	2	0										2															
Aminoglycosides - Kanamycin	4	2	0													2												
Aminoglycosides - Streptomycin	32	2	0														2											
Amphenicols - Chloramphenicol	16	2	0														1	1										
Amphenicols - Florfenicol	16	2	0														2											
Cephalosporins - Cefotaxime	0	2	2								1	1																
Fluoroquinolones - Ciprofloxacin	0	2	2						2																			
Penicillins - Ampicillin	4	2	0											1	1													
Quinolones - Nalidixic acid	16	2	0													2												
Trimethoprim	2	2	0										2															
Cephalosporins - Ceftazidim	2	2	0										2															
Sulfonamides - Sulfamethoxazol	256	2	0																	2								
Tetracyclines	8	2	0												2													

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All feedingstuffs - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Kentucky* in Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance - Unspecified - Official sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Kentucky	Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	4	0									4															
Aminoglycosides - Kanamycin	4	4	0													4											
Aminoglycosides - Streptomycin	32	4	0														3	1									
Amphenicols - Chloramphenicol	16	4	0														4										
Amphenicols - Florfenicol	16	4	0													3	1										
Cephalosporins - Cefotaxime	0	4	4								4																
Fluoroquinolones - Ciprofloxacin	0	4	4				1		3																		
Penicillins - Ampicillin	4	4	0											4													
Quinolones - Nalidixic acid	16	4	0													4											
Trimethoprim	2	4	0										4														
Cephalosporins - Ceftazidim	2	4	0										4														
Sulfonamides - Sulfamethoxazol	256	4	1																	1	1	1	1				
Tetracyclines	8	4	0												4												

Table Antimicrobial susceptibility testing of S. Kentucky in Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance - Unspecified - Official sampling - animal sample - quantitative data [Dilution method]

S. Kentucky	Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Kentucky* in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	All feedingstuffs - at slaughterhouse - Surveillance																											
	unknown																											
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Antimicrobials:																												
Aminoglycosides - Gentamicin	2	1	0								1																	
Aminoglycosides - Kanamycin	4	1	0												1													
Aminoglycosides - Streptomycin	32	1	0													1												
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0												1													
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1					1																				
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0												1													
Trimethoprim	2	1	0									1																
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																1									
Tetracyclines	8	1	0											1														

Table Antimicrobial susceptibility testing of S. Kentucky in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All feedingstuffs - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Infantis* in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Infantis	All feedingstuffs - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	0																1									
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Infantis* in All feedingstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

S. Infantis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All feedingstuffs - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Putten in Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance - Unspecified - Official sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Putten	Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0														1											
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																	1								
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Putten* in Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance - Unspecified - Official sampling - animal sample - quantitative data [Dilution method]

S. Putten Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Feed material of land animal origin - bone meal - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. London in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. London	Meat from bovine animals - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0															1										
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0												1													
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																	1								
Tetracyclines	8	1	0											1														

Table Antimicrobial susceptibility testing of S. London in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. London	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Mbandaka* in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Mbandaka	Meat from duck - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	1																	1							
Amphenicols - Florfenicol	16	1	0															1									
Cephalosporins - Cefotaxime	0	1	1									1															
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of S. Mbandaka in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Mbandaka Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from duck - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kentucky in Meat from broilers (Gallus gallus) - carcase - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - neck skin - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Kentucky	Meat from broilers (Gallus gallus) - carcase - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	6	0									5	1															
Aminoglycosides - Kanamycin	4	6	0													6												
Aminoglycosides - Streptomycin	32	6	1														4	1			1							
Amphenicols - Chloramphenicol	16	6	0														6											
Amphenicols - Florfenicol	16	6	0													4	2											
Cephalosporins - Cefotaxime	0	6	6								6																	
Fluoroquinolones - Ciprofloxacin	0	6	6				1		5																			
Penicillins - Ampicillin	4	6	1											1	4				1									
Quinolones - Nalidixic acid	16	6	0													6												
Trimethoprim	2	6	0										6															
Cephalosporins - Ceftazidim	2	6	0										6															
Sulfonamides - Sulfamethoxazol	256	6	0																	2	3	1						
Tetracyclines	8	6	0												6													

Table Antimicrobial susceptibility testing of *S. Kentucky* in Meat from broilers (*Gallus gallus*) - carcase - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - neck skin - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (<i>Gallus gallus</i>) - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Bredeney in Meat from duck - carcase - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - neck skin - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Bredeney	Meat from duck - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0														1										

Table Antimicrobial susceptibility testing of *S. Bredeney* in Meat from duck - carcase - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - neck skin - quantitative data [Dilution method]

S. Bredeney Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from duck - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Bredeney* in Meat from bovine animals - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Bredeney	Meat from bovine animals - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																		1						
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Bredeney* in Meat from bovine animals - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Bredeney Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from bovine animals - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Colindale* in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Colindale	Meat from pig - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																		1						
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Colindale* in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Colindale Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Derby in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Derby	Meat from bovine animals - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																					
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Derby in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Derby	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Panama* in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Panama	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Panama* in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Panama Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Schwarzengrund* in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Schwarzengrund	Meat from duck - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0															1									
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Schwarzengrund* in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Schwarzengrund Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from duck - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Infantis in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Infantis	Meat from duck - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0															1									
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of *S. Infantis* in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Infantis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from duck - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Infantis in Meat from sheep - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Infantis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from sheep - fresh - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Infantis* in Meat from sheep - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Infantis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from sheep - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Brandenburg in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Brandenburg	Meat from bovine animals - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	1														1											
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																1									
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0														1											
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1										1															
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	1																	1								
Trimethoprim	2	1	1																1									
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																							1		
Tetracyclines	8	1	0													1												

Table Antimicrobial susceptibility testing of S. Brandenburg in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Brandenburg	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Ohio in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Ohio Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from bovine animals - fresh - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Ohio in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Ohio	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 120 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from pig - carcase - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1									1															
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 120 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 120 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 120	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	4	0									2	2														
Aminoglycosides - Kanamycin	4	4	0													4											
Aminoglycosides - Streptomycin	32	4	2														1	1			2						
Amphenicols - Chloramphenicol	16	4	0														4										
Amphenicols - Florfenicol	16	4	0													2	2										
Cephalosporins - Cefotaxime	0	4	4							3	1																
Fluoroquinolones - Ciprofloxacin	0	4	4						4																		
Penicillins - Ampicillin	4	4	3											1					3								
Quinolones - Nalidixic acid	16	4	0													1	3										
Trimethoprim	2	4	2										2						2								
Cephalosporins - Ceftazidim	2	4	0									2	2														
Sulfonamides - Sulfamethoxazol	256	4	4																						4		
Tetracyclines	8	4	2												2					2							

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 120	Meat from pig - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - Not typeable in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Not typeable	Meat from pig - carcase - at slaughterhouse - Surveillance																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	1																	1								
Amphenicols - Florfenicol	16	1	0															1										
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	1																1									
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Typhimurium - Not typeable in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Not typeable Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 35 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 35 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from pig - fresh - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	1																	1							
Amphenicols - Florfenicol	16	1	0															1									
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	1																1								
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 35 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 35 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - RDNC in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

RDNC	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	3	0										3															
Aminoglycosides - Kanamycin	4	3	0													3												
Aminoglycosides - Streptomycin	32	3	3																		3							
Amphenicols - Chloramphenicol	16	3	2															1		2								
Amphenicols - Florfenicol	16	3	0														1	2										
Cephalosporins - Cefotaxime	0	3	3							1	2																	
Fluoroquinolones - Ciprofloxacin	0	3	3						2			1																
Penicillins - Ampicillin	4	3	3																3									
Quinolones - Nalidixic acid	16	3	1													2				1								
Trimethoprim	2	3	3																3									
Cephalosporins - Ceftazidim	2	3	0										3															
Sulfonamides - Sulfamethoxazol	256	3	3																							3		
Tetracyclines	8	3	3																	3								

Table Antimicrobial susceptibility testing of S. Typhimurium - RDNC in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

RDNC	Meat from pig - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 104	Meat from pig - carcase - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	2	0										2															
Aminoglycosides - Kanamycin	4	2	0													2												
Aminoglycosides - Streptomycin	32	2	2																	1	1							
Amphenicols - Chloramphenicol	16	2	2																	2								
Amphenicols - Florfenicol	16	2	2																	2								
Cephalosporins - Cefotaxime	0	2	2							1	1																	
Fluoroquinolones - Ciprofloxacin	0	2	2				1		1																			
Penicillins - Ampicillin	4	2	2																2									
Quinolones - Nalidixic acid	16	2	0													2												
Trimethoprim	2	2	0										2															
Cephalosporins - Ceftazidim	2	2	0									2																
Sulfonamides - Sulfamethoxazol	256	2	2																						2			
Tetracyclines	8	2	2																	2								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 104 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104b in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 104b	Meat from pig - carcase - at slaughterhouse - Surveillance																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																	1							
Amphenicols - Chloramphenicol	16	1	1																	1							
Amphenicols - Florfenicol	16	1	1																	1							
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1							1																	
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0														1										
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104b in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 104b Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 193 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from pig - carcase - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	5	0									1	4														
Aminoglycosides - Kanamycin	4	5	0													5											
Aminoglycosides - Streptomycin	32	5	5																		5						
Amphenicols - Chloramphenicol	16	5	1														4				1						
Amphenicols - Florfenicol	16	5	0													4		1									
Cephalosporins - Cefotaxime	0	5	5							4	1																
Fluoroquinolones - Ciprofloxacin	0	5	5				1		4																		
Penicillins - Ampicillin	4	5	4											1					4								
Quinolones - Nalidixic acid	16	5	0													4	1										
Trimethoprim	2	5	1										4						1								
Cephalosporins - Ceftazidim	2	5	0									5															
Sulfonamides - Sulfamethoxazol	256	5	5																						5		
Tetracyclines	8	5	5																	5							

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 193 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 193 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	13	1									3	9						1								
Aminoglycosides - Kanamycin	4	13	0													13											
Aminoglycosides - Streptomycin	32	13	13																		13						
Amphenicols - Chloramphenicol	16	13	0													1	12										
Amphenicols - Florfenicol	16	13	0												1	12											
Cephalosporins - Cefotaxime	0	13	13							9	4																
Fluoroquinolones - Ciprofloxacin	0	13	13				1		11	1																	
Penicillins - Ampicillin	4	13	13																13								
Quinolones - Nalidixic acid	16	13	0													11	2										
Trimethoprim	2	13	0										12	1													
Cephalosporins - Ceftazidim	2	13	0									12	1														
Sulfonamides - Sulfamethoxazol	256	13	13																						13		
Tetracyclines	8	13	12												1					12							

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 193 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 120 in Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 120	Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0										3														
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	3																		3						
Amphenicols - Chloramphenicol	16	3	0														3										
Amphenicols - Florfenicol	16	3	0													2	1										
Cephalosporins - Cefotaxime	0	3	3							2	1																
Fluoroquinolones - Ciprofloxacin	0	3	3						3																		
Penicillins - Ampicillin	4	3	0											3													
Quinolones - Nalidixic acid	16	3	0														3										
Trimethoprim	2	3	0										3														
Cephalosporins - Ceftazidim	2	3	0									3															
Sulfonamides - Sulfamethoxazol	256	3	3																						3		
Tetracyclines	8	3	3																	3							

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 120 in Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 120	Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 low in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 120 low Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from bovine animals - fresh - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 120 low in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 120 low	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. London in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. London	Meat from pig - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										2														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	0														2										
Amphenicols - Chloramphenicol	16	2	0														2										
Amphenicols - Florfenicol	16	2	0													2											
Cephalosporins - Cefotaxime	0	2	2							2																	
Fluoroquinolones - Ciprofloxacin	0	2	2						2																		
Penicillins - Ampicillin	4	2	0											2													
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	1										1						1								
Cephalosporins - Ceftazidim	2	2	0									2															
Sulfonamides - Sulfamethoxazol	256	2	1																		1				1		
Tetracyclines	8	2	1											1						1							

Table Antimicrobial susceptibility testing of S. London in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. London Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Mbandaka in Milk from other animal species or unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Mbandaka	Milk from other animal species or unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0															1										
Amphenicols - Chloramphenicol	16	1	0															1										
Amphenicols - Florfenicol	16	1	0															1										
Cephalosporins - Cefotaxime	0	1	1										1															
Fluoroquinolones - Ciprofloxacin	0	1	1							1																		
Penicillins - Ampicillin	4	1	1														1											
Quinolones - Nalidixic acid	16	1	0														1											
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1								
Tetracyclines	8	1	0													1												

Table Antimicrobial susceptibility testing of S. Mbandaka in Milk from other animal species or unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

S. Mbandaka Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Milk from other animal species or unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Mbandaka in All foodstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - quantitative data [Dilution method]

S. Mbandaka Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		All foodstuffs - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										2														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	0																2								
Amphenicols - Chloramphenicol	16	2	0														2										
Amphenicols - Florfenicol	16	2	0														2										
Cephalosporins - Cefotaxime	0	2	2									2															
Fluoroquinolones - Ciprofloxacin	0	2	2				1		1																		
Penicillins - Ampicillin	4	2	0											2													
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0										2														
Sulfonamides - Sulfamethoxazol	256	2	2																						2		
Tetracyclines	8	2	0												2												

Table Antimicrobial susceptibility testing of *S. Mbandaka* in All foodstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - quantitative data [Dilution method]

S. Mbandaka Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	All foodstuffs - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Anatum* in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Anatum	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																		1						
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Anatum* in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Anatum Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kentucky in All foodstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Kentucky	All foodstuffs - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	unknown																											
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	1																1									
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1														1											
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of *S. Kentucky* in All foodstuffs - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	All foodstuffs - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Bredeney in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Bredeney	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0									1	1														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	0														2										
Amphenicols - Chloramphenicol	16	2	0														2										
Amphenicols - Florfenicol	16	2	0													2											
Cephalosporins - Cefotaxime	0	2	2							2																	
Fluoroquinolones - Ciprofloxacin	0	2	2				2																				
Penicillins - Ampicillin	4	2	0											2													
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0									2															
Sulfonamides - Sulfamethoxazol	256	2	0															1	1								
Tetracyclines	8	2	0												2												

Table Antimicrobial susceptibility testing of S. Bredeney in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Bredeney Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Derby in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Derby Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from pig - carcase - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										1	1													
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	0															2									
Amphenicols - Chloramphenicol	16	2	0														1	1									
Amphenicols - Florfenicol	16	2	0														2										
Cephalosporins - Cefotaxime	0	2	2								2																
Fluoroquinolones - Ciprofloxacin	0	2	2						2																		
Penicillins - Ampicillin	4	2	0											1	1												
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0										2														
Sulfonamides - Sulfamethoxazol	256	2	0																	2							
Tetracyclines	8	2	1												1						1						

Table Antimicrobial susceptibility testing of S. Derby in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Derby	Meat from pig - carcase - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Derby in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Derby	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	6	0									3	2	1														
Aminoglycosides - Kanamycin	4	6	0													6												
Aminoglycosides - Streptomycin	32	6	3														2	1		1	2							
Amphenicols - Chloramphenicol	16	6	1														4	1	1									
Amphenicols - Florfenicol	16	6	1													1	4		1									
Cephalosporins - Cefotaxime	0	6	6								5		1															
Fluoroquinolones - Ciprofloxacin	0	6	6				2		4																			
Penicillins - Ampicillin	4	6	2											4			1		1									
Quinolones - Nalidixic acid	16	6	0													5	1											
Trimethoprim	2	6	0										3	3														
Cephalosporins - Ceftazidim	2	6	0										4	1	1													
Sulfonamides - Sulfamethoxazol	256	6	3																	2		1			3			
Tetracyclines	8	6	4												1	1				4								

Table Antimicrobial susceptibility testing of S. Derby in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Derby Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	Meat from bovine animals - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Meat from bovine animals - carcase - at slaughterhouse - Surveillance
- Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Salmonella spp., unspecified	Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																										
	Meat from bovine animals - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
Antimicrobials:	Number of isolates available in the laboratory																										
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Meat from bovine animals - carcase - at slaughterhouse - Surveillance
- Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from bovine animals - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Panama in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Panama Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from pig - carcase - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0										3														
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	2														1				2						
Amphenicols - Chloramphenicol	16	3	1														2		1								
Amphenicols - Florfenicol	16	3	1													1	1		1								
Cephalosporins - Cefotaxime	0	3	3							1	1		1														
Fluoroquinolones - Ciprofloxacin	0	3	3						2		1																
Penicillins - Ampicillin	4	3	2												1				2								
Quinolones - Nalidixic acid	16	3	0													1	1	1									
Trimethoprim	2	3	2											1					2								
Cephalosporins - Ceftazidim	2	3	0									1	1	1													
Sulfonamides - Sulfamethoxazol	256	3	2																		1				2		
Tetracyclines	8	3	2												1					2							

Table Antimicrobial susceptibility testing of *S. Panama* in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Panama Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Hadar in Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Hadar	Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																	1								
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1									1																
Penicillins - Ampicillin	4	1	0												1													
Quinolones - Nalidixic acid	16	1	1																	1								
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																1									
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Hadar in Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Hadar	Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Infantis in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Infantis	Meat from bovine animals - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0															1										
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1								
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Infantis* in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Infantis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Infantis in Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Infantis	Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																1									
Amphenicols - Chloramphenicol	16	1	0															1										
Amphenicols - Florfenicol	16	1	0															1										
Cephalosporins - Cefotaxime	0	1	1									1																
Fluoroquinolones - Ciprofloxacin	0	1	1											1														
Penicillins - Ampicillin	4	1	0													1												
Quinolones - Nalidixic acid	16	1	1																	1								
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																							1		
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of *S. Infantis* in Meat from broilers (*Gallus gallus*) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Infantis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (<i>Gallus gallus</i>) - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Brandenburg in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Brandenburg	Meat from pig - carcase - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0												1													
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																	1								
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Brandenburg* in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Brandenburg Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Dublin in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Dublin	Meat from bovine animals - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	5	0									5															
Aminoglycosides - Kanamycin	4	5	0													5											
Aminoglycosides - Streptomycin	32	5	0														3	2									
Amphenicols - Chloramphenicol	16	5	0													5											
Amphenicols - Florfenicol	16	5	0												1	4											
Cephalosporins - Cefotaxime	0	5	5							5																	
Fluoroquinolones - Ciprofloxacin	0	5	5				4		1																		
Penicillins - Ampicillin	4	5	0										3	2													
Quinolones - Nalidixic acid	16	5	0													5											
Trimethoprim	2	5	0										5														
Cephalosporins - Ceftazidim	2	5	0									5															
Sulfonamides - Sulfamethoxazol	256	5	0																3	2							
Tetracyclines	8	5	0											1	4												

Table Antimicrobial susceptibility testing of S. Dublin in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Dublin	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 32 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 32	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	2	0									1	1															
Aminoglycosides - Kanamycin	4	2	0													2												
Aminoglycosides - Streptomycin	32	2	2																		2							
Amphenicols - Chloramphenicol	16	2	2																	2								
Amphenicols - Florfenicol	16	2	0															2										
Cephalosporins - Cefotaxime	0	2	2							1	1																	
Fluoroquinolones - Ciprofloxacin	0	2	2						2																			
Penicillins - Ampicillin	4	2	2																2									
Quinolones - Nalidixic acid	16	2	0													2												
Trimethoprim	2	2	2																2									
Cephalosporins - Ceftazidim	2	2	0									2																
Sulfonamides - Sulfamethoxazol	256	2	2																						2			
Tetracyclines	8	2	2																	2								

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 32 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 32 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 120	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0												1													
Quinolones - Nalidixic acid	16	1	0														1											
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 120 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - meat - quantitative data [Dilution method]

DT 120 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in Milk from other animal species or unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Not typeable	Milk from other animal species or unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	unknown																										
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										2														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	1															1			1						
Amphenicols - Chloramphenicol	16	2	1														1			1							
Amphenicols - Florfenicol	16	2	1													1			1								
Cephalosporins - Cefotaxime	0	2	2							1		1															
Fluoroquinolones - Ciprofloxacin	0	2	2							2																	
Penicillins - Ampicillin	4	2	1												1				1								
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	1										1						1								
Cephalosporins - Ceftazidim	2	2	0									2															
Sulfonamides - Sulfamethoxazol	256	2	1																1							1	
Tetracyclines	8	2	1												1					1							

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in Milk from other animal species or unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

Not typeable Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Milk from other animal species or unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Not typeable	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	5	0									2	3														
Aminoglycosides - Kanamycin	4	5	0													5											
Aminoglycosides - Streptomycin	32	5	4													1				1	3						
Amphenicols - Chloramphenicol	16	5	1														4			1							
Amphenicols - Florfenicol	16	5	1													4			1								
Cephalosporins - Cefotaxime	0	5	5							4	1																
Fluoroquinolones - Ciprofloxacin	0	5	5				2		3																		
Penicillins - Ampicillin	4	5	2											2	1				2								
Quinolones - Nalidixic acid	16	5	0													5											
Trimethoprim	2	5	1										4						1								
Cephalosporins - Ceftazidim	2	5	0									4	1														
Sulfonamides - Sulfamethoxazol	256	5	4														1								4		
Tetracyclines	8	5	5																	5							

Table Antimicrobial susceptibility testing of S. Typhimurium - Not typeable in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Not typeable Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 35 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 35	Meat from pig - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
	Aminoglycosides - Gentamicin	2	1	0										1													
	Aminoglycosides - Kanamycin	4	1	0												1											
	Aminoglycosides - Streptomycin	32	1	0															1								
	Amphenicols - Chloramphenicol	16	1	0													1										
	Amphenicols - Florfenicol	16	1	0												1											
	Cephalosporins - Cefotaxime	0	1	1								1															
	Fluoroquinolones - Ciprofloxacin	0	1	1							1																
	Penicillins - Ampicillin	4	1	0												1											
	Quinolones - Nalidixic acid	16	1	0													1										
	Trimethoprim	2	1	0										1													
	Cephalosporins - Ceftazidim	2	1	0										1													
	Sulfonamides - Sulfamethoxazol	256	1	0																	1						
	Tetracyclines	8	1	0												1											

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 35 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 35 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 104 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Meat from pig - fresh - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										2														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	2																	2							
Amphenicols - Chloramphenicol	16	2	1														1			1							
Amphenicols - Florfenicol	16	2	1														1		1								
Cephalosporins - Cefotaxime	0	2	2							1		1															
Fluoroquinolones - Ciprofloxacin	0	2	2						2																		
Penicillins - Ampicillin	4	2	1											1					1								
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	1										1						1								
Cephalosporins - Ceftazidim	2	2	0									2															
Sulfonamides - Sulfamethoxazol	256	2	2																						2		
Tetracyclines	8	2	1												1				1								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 104 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from bovine animals - fresh - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																		1						
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 193	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 193 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0										3														
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	2															1			2						
Amphenicols - Chloramphenicol	16	3	0													1	2										
Amphenicols - Florfenicol	16	3	0													3											
Cephalosporins - Cefotaxime	0	3	3							2	1																
Fluoroquinolones - Ciprofloxacin	0	3	3						3																		
Penicillins - Ampicillin	4	3	2												1				2								
Quinolones - Nalidixic acid	16	3	0													3											
Trimethoprim	2	3	1										2						1								
Cephalosporins - Ceftazidim	2	3	0									3															
Sulfonamides - Sulfamethoxazol	256	3	2																		1				2		
Tetracyclines	8	3	3																	3							

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 193 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - meat - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 120 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 120	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	6	0									1	5															
Aminoglycosides - Kanamycin	4	6	0													6												
Aminoglycosides - Streptomycin	32	6	6																		6							
Amphenicols - Chloramphenicol	16	6	0														6											
Amphenicols - Florfenicol	16	6	0													6												
Cephalosporins - Cefotaxime	0	6	6							5	1																	
Fluoroquinolones - Ciprofloxacin	0	6	6						6																			
Penicillins - Ampicillin	4	6	2											3	1				2									
Quinolones - Nalidixic acid	16	6	0													2	3	1										
Trimethoprim	2	6	0										5	1														
Cephalosporins - Ceftazidim	2	6	0									5	1															
Sulfonamides - Sulfamethoxazol	256	6	6																						6			
Tetracyclines	8	6	6																6									

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 120 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 120 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 low in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 120 low Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from pig - carcase - at slaughterhouse - Surveillance																											
		unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048			
Aminoglycosides - Gentamicin	2	1	0									1																	
Aminoglycosides - Kanamycin	4	1	0													1													
Aminoglycosides - Streptomycin	32	1	1																		1								
Amphenicols - Chloramphenicol	16	1	0													1													
Amphenicols - Florfenicol	16	1	0													1													
Cephalosporins - Cefotaxime	0	1	1								1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																				
Penicillins - Ampicillin	4	1	1																1										
Quinolones - Nalidixic acid	16	1	0													1													
Trimethoprim	2	1	0										1																
Cephalosporins - Ceftazidim	2	1	0										1																
Sulfonamides - Sulfamethoxazol	256	1	1																						1				
Tetracyclines	8	1	1																	1									

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 low in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 120 low Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Livingstone in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Livingstone	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	2	0										2															
Aminoglycosides - Kanamycin	4	2	0													2												
Aminoglycosides - Streptomycin	32	2	0													1	1											
Amphenicols - Chloramphenicol	16	2	0														2											
Amphenicols - Florfenicol	16	2	0														2											
Cephalosporins - Cefotaxime	0	2	2								2																	
Fluoroquinolones - Ciprofloxacin	0	2	2						2																			
Penicillins - Ampicillin	4	2	0											2														
Quinolones - Nalidixic acid	16	2	0													2												
Trimethoprim	2	2	0										2															
Cephalosporins - Ceftazidim	2	2	0									1	1															
Sulfonamides - Sulfamethoxazol	256	2	0																	2								
Tetracyclines	8	2	0												2													

Table Antimicrobial susceptibility testing of *S. Livingstone* in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Livingstone Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Mbandaka in Meat from bovine animals - meat products - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Mbandaka	Meat from bovine animals - meat products - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																1									
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0														1											
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																					
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of S. Mbandaka in Meat from bovine animals - meat products - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Mbandaka	Meat from bovine animals - meat products - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kentucky in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from duck - fresh - at slaughterhouse - Surveillance																									
Antimicrobials:	unknown																										
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Kentucky* in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from duck - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kimuenza in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Kimuenza	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										1	1													
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	0														1	1									
Amphenicols - Chloramphenicol	16	2	0														2										
Amphenicols - Florfenicol	16	2	0													2											
Cephalosporins - Cefotaxime	0	2	2							2																	
Fluoroquinolones - Ciprofloxacin	0	2	2				2																				
Penicillins - Ampicillin	4	2	0											2													
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0									2															
Sulfonamides - Sulfamethoxazol	256	2	0																2								
Tetracyclines	8	2	0												2												

Table Antimicrobial susceptibility testing of *S. Kimuenza* in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Kimuenza Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Agona in Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Agona Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0									2	1														
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	0														2	1									
Amphenicols - Chloramphenicol	16	3	0														3										
Amphenicols - Florfenicol	16	3	0														3										
Cephalosporins - Cefotaxime	0	3	3								3																
Fluoroquinolones - Ciprofloxacin	0	3	3						3																		
Penicillins - Ampicillin	4	3	0											2	1												
Quinolones - Nalidixic acid	16	3	0													3											
Trimethoprim	2	3	0										3														
Cephalosporins - Ceftazidim	2	3	0										3														
Sulfonamides - Sulfamethoxazol	256	3	0																	2	1						
Tetracyclines	8	3	0												3												

Table Antimicrobial susceptibility testing of *S. Agona* in Meat from broilers (*Gallus gallus*) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Agona Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (<i>Gallus gallus</i>) - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Orion in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Orion	Meat from duck - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	≤0.002	≤0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0															1										
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0												1													
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0														1											
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of S. Orion in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Orion Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from duck - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	Meat from pig - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0									3															
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	0														3										
Amphenicols - Chloramphenicol	16	3	0													1	2										
Amphenicols - Florfenicol	16	3	0													1	2										
Cephalosporins - Cefotaxime	0	3	3							1	2																
Fluoroquinolones - Ciprofloxacin	0	3	3				1		2																		
Penicillins - Ampicillin	4	3	0											2	1												
Quinolones - Nalidixic acid	16	3	0													3											
Trimethoprim	2	3	0										2	1													
Cephalosporins - Ceftazidim	2	3	0									1	1	1													
Sulfonamides - Sulfamethoxazol	256	3	0																2			1					
Tetracyclines	8	3	0											1	2												

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	unknown																											
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	3	0									1	2															
Aminoglycosides - Kanamycin	4	3	0													3												
Aminoglycosides - Streptomycin	32	3	1														2				1							
Amphenicols - Chloramphenicol	16	3	0														3											
Amphenicols - Florfenicol	16	3	0													1	2											
Cephalosporins - Cefotaxime	0	3	3							1	1					1												
Fluoroquinolones - Ciprofloxacin	0	3	3				1		1				1															
Penicillins - Ampicillin	4	3	1											1	1				1									
Quinolones - Nalidixic acid	16	3	1													2				1								
Trimethoprim	2	3	1										2						1									
Cephalosporins - Ceftazidim	2	3	1									1	1					1										
Sulfonamides - Sulfamethoxazol	256	3	1																	1	1					1		
Tetracyclines	8	3	1												2					1								

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Meat from broilers (*Gallus gallus*) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (<i>Gallus gallus</i>) - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Rissen in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Rissen	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	unknown																											
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0													1												
Amphenicols - Chloramphenicol	16	1	0															1										
Amphenicols - Florfenicol	16	1	0														1											
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1										1															
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0															1										
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	0																		1							
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Rissen in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Rissen Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Virchow in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Virchow	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	1																	1								
Amphenicols - Florfenicol	16	1	0															1										
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	1																1									
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of *S. Virchow* in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Virchow Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Infantis* in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Infantis	Meat from pig - carcase - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	≤0.002	≤0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	9	0									2	7															
Aminoglycosides - Kanamycin	4	9	0													9												
Aminoglycosides - Streptomycin	32	9	0														9											
Amphenicols - Chloramphenicol	16	9	0														9											
Amphenicols - Florfenicol	16	9	0													2	7											
Cephalosporins - Cefotaxime	0	9	9								9																	
Fluoroquinolones - Ciprofloxacin	0	9	9						8	1																		
Penicillins - Ampicillin	4	9	0											4	5													
Quinolones - Nalidixic acid	16	9	0													9												
Trimethoprim	2	9	0										9															
Cephalosporins - Ceftazidim	2	9	0										9															
Sulfonamides - Sulfamethoxazol	256	9	2																	5	1	1	2					
Tetracyclines	8	9	0												9													

Table Antimicrobial susceptibility testing of *S. Infantis* in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Infantis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Infantis* in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Infantis	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	7	0									3	4															
Aminoglycosides - Kanamycin	4	7	0													7												
Aminoglycosides - Streptomycin	32	7	0													1	5	1										
Amphenicols - Chloramphenicol	16	7	0														7											
Amphenicols - Florfenicol	16	7	0													2	5											
Cephalosporins - Cefotaxime	0	7	7								7																	
Fluoroquinolones - Ciprofloxacin	0	7	7						7																			
Penicillins - Ampicillin	4	7	0											4	3													
Quinolones - Nalidixic acid	16	7	0													7												
Trimethoprim	2	7	0										6	1														
Cephalosporins - Ceftazidim	2	7	0										7															
Sulfonamides - Sulfamethoxazol	256	7	0																1	3	3							
Tetracyclines	8	7	0												7													

Table Antimicrobial susceptibility testing of *S. Infantis* in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Infantis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Brandenburg in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Brandenburg Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Meat from duck - fresh - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										2														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	0														2										
Amphenicols - Chloramphenicol	16	2	0														2										
Amphenicols - Florfenicol	16	2	0													2											
Cephalosporins - Cefotaxime	0	2	2							2																	
Fluoroquinolones - Ciprofloxacin	0	2	2						2																		
Penicillins - Ampicillin	4	2	0											2													
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0									2															
Sulfonamides - Sulfamethoxazol	256	2	0																1	1							
Tetracyclines	8	2	0														2										

Table Antimicrobial susceptibility testing of S. Brandenburg in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Brandenburg Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from duck - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Heidelberg in Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Heidelberg	Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	3	0									2	1															
Aminoglycosides - Kanamycin	4	3	0													3												
Aminoglycosides - Streptomycin	32	3	0														3											
Amphenicols - Chloramphenicol	16	3	0													1	2											
Amphenicols - Florfenicol	16	3	0													3												
Cephalosporins - Cefotaxime	0	3	3													3												
Fluoroquinolones - Ciprofloxacin	0	3	3									3																
Penicillins - Ampicillin	4	3	3																3									
Quinolones - Nalidixic acid	16	3	3																	3								
Trimethoprim	2	3	0										3															
Cephalosporins - Ceftazidim	2	3	3															3										
Sulfonamides - Sulfamethoxazol	256	3	3																							3		
Tetracyclines	8	3	3																	3								

Table Antimicrobial susceptibility testing of *S. Heidelberg* in Meat from broilers (*Gallus gallus*) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Heidelberg Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (<i>Gallus gallus</i>) - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 32 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 32	Meat from pig - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	1																	1							
Amphenicols - Florfenicol	16	1	0															1									
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	1																1								
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 32 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 32 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - Not typeable in Other food - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Not typeable	Other food - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0												1													
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																1									
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in Other food - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - quantitative data [Dilution method]

Not typeable Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Other food - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - RDNC in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

RDNC	Meat from pig - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										2														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	2																		2						
Amphenicols - Chloramphenicol	16	2	2																	2							
Amphenicols - Florfenicol	16	2	0															2									
Cephalosporins - Cefotaxime	0	2	2							1	1																
Fluoroquinolones - Ciprofloxacin	0	2	2						2																		
Penicillins - Ampicillin	4	2	2																2								
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	2																2								
Cephalosporins - Ceftazidim	2	2	0									1	1														
Sulfonamides - Sulfamethoxazol	256	2	2																						2		
Tetracyclines	8	2	2																	2							

Table Antimicrobial susceptibility testing of *S. Typhimurium* - RDNC in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

RDNC Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 12 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 12	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0															1										
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																1									
Tetracyclines	8	1	1																1									

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 12 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 12	Meat from pig - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 104b in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 104b	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	≤0.002	≤0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	7	0									1	6															
Aminoglycosides - Kanamycin	4	7	0													7												
Aminoglycosides - Streptomycin	32	7	5														1	1		2	3							
Amphenicols - Chloramphenicol	16	7	5													1	1			5								
Amphenicols - Florfenicol	16	7	5													2			3	2								
Cephalosporins - Cefotaxime	0	7	7							5	2																	
Fluoroquinolones - Ciprofloxacin	0	7	7				1		6																			
Penicillins - Ampicillin	4	7	7																7									
Quinolones - Nalidixic acid	16	7	0													7												
Trimethoprim	2	7	0										7															
Cephalosporins - Ceftazidim	2	7	0									7																
Sulfonamides - Sulfamethoxazol	256	7	7																							7		
Tetracyclines	8	7	5												2				3	2								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104b in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 104b Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Meat from pig - carcase - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0														1											
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0												1													
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	0																1									
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 193 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	≤0.002	≤0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	7	0									4	3															
Aminoglycosides - Kanamycin	4	7	0													7												
Aminoglycosides - Streptomycin	32	7	6														1				6							
Amphenicols - Chloramphenicol	16	7	1														6			1								
Amphenicols - Florfenicol	16	7	1													4	2		1									
Cephalosporins - Cefotaxime	0	7	7							4	3																	
Fluoroquinolones - Ciprofloxacin	0	7	7						5	2																		
Penicillins - Ampicillin	4	7	6												1				6									
Quinolones - Nalidixic acid	16	7	0													5	2											
Trimethoprim	2	7	1										6						1									
Cephalosporins - Ceftazidim	2	7	0									5	2															
Sulfonamides - Sulfamethoxazol	256	7	6																1							6		
Tetracyclines	8	7	7																	7								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - U 302 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

U 302	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	6	1									2	3				1										
Aminoglycosides - Kanamycin	4	6	0													6											
Aminoglycosides - Streptomycin	32	6	2														4				2						
Amphenicols - Chloramphenicol	16	6	1													1	4			1							
Amphenicols - Florfenicol	16	6	1													5			1								
Cephalosporins - Cefotaxime	0	6	6							5	1																
Fluoroquinolones - Ciprofloxacin	0	6	6				2		4																		
Penicillins - Ampicillin	4	6	2											1	3				2								
Quinolones - Nalidixic acid	16	6	0													6											
Trimethoprim	2	6	2										4						2								
Cephalosporins - Ceftazidim	2	6	0									6															
Sulfonamides - Sulfamethoxazol	256	6	3																	3					3		
Tetracyclines	8	6	4												2				1	3							

Table Antimicrobial susceptibility testing of S. Typhimurium - U 302 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

U 302 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 120 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 120	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										2														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	2																		2						
Amphenicols - Chloramphenicol	16	2	0														2										
Amphenicols - Florfenicol	16	2	0													1	1										
Cephalosporins - Cefotaxime	0	2	2							2																	
Fluoroquinolones - Ciprofloxacin	0	2	2						2																		
Penicillins - Ampicillin	4	2	0											1	1												
Quinolones - Nalidixic acid	16	2	0														2										
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0									1	1														
Sulfonamides - Sulfamethoxazol	256	2	2																						2		
Tetracyclines	8	2	2																	2							

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 120 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - meat - quantitative data [Dilution method]

DT 120 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Mbandaka in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Mbandaka	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										2														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	0														2										
Amphenicols - Chloramphenicol	16	2	0														1	1									
Amphenicols - Florfenicol	16	2	0														1	1									
Cephalosporins - Cefotaxime	0	2	2								1	1															
Fluoroquinolones - Ciprofloxacin	0	2	2				1			1																	
Penicillins - Ampicillin	4	2	0											1		1											
Quinolones - Nalidixic acid	16	2	0													1	1										
Trimethoprim	2	2	0										1	1													
Cephalosporins - Ceftazidim	2	2	0										1	1													
Sulfonamides - Sulfamethoxazol	256	2	0																	1	1						
Tetracyclines	8	2	0												1	1											

Table Antimicrobial susceptibility testing of S. Mbandaka in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

S. Mbandaka Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kentucky in Poultry, unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Kentucky	Poultry, unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Kentucky in Poultry, unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Kentucky	Poultry, unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kentucky in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Kentucky	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	49	0									42	7															
Aminoglycosides - Kanamycin	4	49	0													49												
Aminoglycosides - Streptomycin	32	49	2													4	36	6	1	1	1							
Amphenicols - Chloramphenicol	16	49	0														49											
Amphenicols - Florfenicol	16	49	0													26	23											
Cephalosporins - Cefotaxime	0	49	49							2	45	1				1												
Fluoroquinolones - Ciprofloxacin	0	49	49				19		30																			
Penicillins - Ampicillin	4	49	2											35	12				2									
Quinolones - Nalidixic acid	16	49	0													49												
Trimethoprim	2	49	1										48						1									
Cephalosporins - Ceftazidim	2	49	1										47	1				1										
Sulfonamides - Sulfamethoxazol	256	49	2																1	18	24	4				2		
Tetracyclines	8	49	1												48					1								

Table Antimicrobial susceptibility testing of *S. Kentucky* in *Gallus gallus* (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kottbus in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - dust - quantitative data [Dilution method]

S. Kottbus Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Turkeys - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0															1									
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1										1														
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0															1									
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Kottbus* in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - dust - quantitative data [Dilution method]

S. Kottbus Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	Birds - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0															1									
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Birds - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in *Gallus gallus* (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0													1											
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																		1						
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in *Gallus gallus* (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - dust - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	Turkeys - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - dust - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	≤0.002	≤0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	3	0									3																
Aminoglycosides - Kanamycin	4	3	0													3												
Aminoglycosides - Streptomycin	32	3	0														1	2										
Amphenicols - Chloramphenicol	16	3	0													3												
Amphenicols - Florfenicol	16	3	0													3												
Cephalosporins - Cefotaxime	0	3	3							3																		
Fluoroquinolones - Ciprofloxacin	0	3	3				2		1																			
Penicillins - Ampicillin	4	3	0										1	1	1													
Quinolones - Nalidixic acid	16	3	0													3												
Trimethoprim	2	3	0										3															
Cephalosporins - Ceftazidim	2	3	0									3																
Sulfonamides - Sulfamethoxazol	256	3	0																3									
Tetracyclines	8	3	0											2	1													

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Tennessee in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Tennessee Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		All animals - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	5	0										5														
Aminoglycosides - Kanamycin	4	5	0													5											
Aminoglycosides - Streptomycin	32	5	0															5									
Amphenicols - Chloramphenicol	16	5	0														5										
Amphenicols - Florfenicol	16	5	0														5										
Cephalosporins - Cefotaxime	0	5	5								5																
Fluoroquinolones - Ciprofloxacin	0	5	5						5																		
Penicillins - Ampicillin	4	5	0											3	2												
Quinolones - Nalidixic acid	16	5	0													5											
Trimethoprim	2	5	0										5														
Cephalosporins - Ceftazidim	2	5	0										5														
Sulfonamides - Sulfamethoxazol	256	5	0																	4	1						
Tetracyclines	8	5	0												5												

Table Antimicrobial susceptibility testing of *S. Tennessee* in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Tennessee Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All animals - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Infantis* in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Industry sampling - animal sample - faeces - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Infantis	Pigs - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	12	0									7	3	1	1												
Aminoglycosides - Kanamycin	4	12	0													12											
Aminoglycosides - Streptomycin	32	12	0														11	1									
Amphenicols - Chloramphenicol	16	12	0														12										
Amphenicols - Florfenicol	16	12	0													3	9										
Cephalosporins - Cefotaxime	0	12	12								12																
Fluoroquinolones - Ciprofloxacin	0	12	12						12																		
Penicillins - Ampicillin	4	12	0											9	3												
Quinolones - Nalidixic acid	16	12	0													12											
Trimethoprim	2	12	0										12														
Cephalosporins - Ceftazidim	2	12	0										12														
Sulfonamides - Sulfamethoxazol	256	12	0														3	7	2								
Tetracyclines	8	12	0												12												

Table Antimicrobial susceptibility testing of *S. Infantis* in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Industry sampling - animal sample - faeces - quantitative data [Dilution method]

S. Infantis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Pigs - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Dublin in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Dublin	Solipeds, domestic - horses - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0										1														
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0											1													

Table Antimicrobial susceptibility testing of S. Dublin in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Dublin	Solipeds, domestic - horses - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Dublin in Gallus gallus (fowl) - laying hens - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

S. Dublin Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Gallus gallus (fowl) - laying hens - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0															1									
Amphenicols - Chloramphenicol	16	1	0												1												
Amphenicols - Florfenicol	16	1	0												1												
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0										1														
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0											1													

Table Antimicrobial susceptibility testing of *S. Dublin* in *Gallus gallus* (fowl) - laying hens - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

S. Dublin Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Gallus gallus (fowl) - laying hens - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Typhimurium	Ducks - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0												1												
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																1								
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1									1															
Fluoroquinolones - Ciprofloxacin	0	1	1							1																	
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0															1									
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0											1													
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Typhimurium* in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

S. Typhimurium Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Ducks - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Not typeable	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0									1	2														
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	1														2			1							
Amphenicols - Chloramphenicol	16	3	1														2			1							
Amphenicols - Florfenicol	16	3	1													2				1							
Cephalosporins - Cefotaxime	0	3	3							2	1																
Fluoroquinolones - Ciprofloxacin	0	3	3						3																		
Penicillins - Ampicillin	4	3	1											2					1								
Quinolones - Nalidixic acid	16	3	0													3											
Trimethoprim	2	3	0										3														
Cephalosporins - Ceftazidim	2	3	0									3															
Sulfonamides - Sulfamethoxazol	256	3	1																1	1					1		
Tetracyclines	8	3	1												2				1								

Table Antimicrobial susceptibility testing of S. Typhimurium - Not typeable in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Not typeable Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. London* in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. London	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0									3															
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	0													1	2										
Amphenicols - Chloramphenicol	16	3	0													2	1										
Amphenicols - Florfenicol	16	3	0													3											
Cephalosporins - Cefotaxime	0	3	3							1	2																
Fluoroquinolones - Ciprofloxacin	0	3	3				3																				
Penicillins - Ampicillin	4	3	0											3													
Quinolones - Nalidixic acid	16	3	0													3											
Trimethoprim	2	3	1										2						1								
Cephalosporins - Ceftazidim	2	3	0									3															
Sulfonamides - Sulfamethoxazol	256	3	1																1	1					1		
Tetracyclines	8	3	1											1	1					1							

Table Antimicrobial susceptibility testing of S. London in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. London Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 8 in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 8	Birds - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 8 in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 8	Birds - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Mbandaka* in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Mbandaka	Meat from pig - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Mbandaka* in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Mbandaka Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 8 in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 8	Ducks - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0														1										
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 8 in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

DT 8 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Ducks - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kentucky in Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Kentucky	Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	≤0.002	≤0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	25	0									16	8	1														
Aminoglycosides - Kanamycin	4	25	0													25												
Aminoglycosides - Streptomycin	32	25	1													2	13	8	1		1							
Amphenicols - Chloramphenicol	16	25	0														25											
Amphenicols - Florfenicol	16	25	0													11	14											
Cephalosporins - Cefotaxime	0	25	25								25																	
Fluoroquinolones - Ciprofloxacin	0	25	25				10		15																			
Penicillins - Ampicillin	4	25	2											15	8				2									
Quinolones - Nalidixic acid	16	25	0													25												
Trimethoprim	2	25	2										23						2									
Cephalosporins - Ceftazidim	2	25	0										25															
Sulfonamides - Sulfamethoxazol	256	25	2																1	13	9					2		
Tetracyclines	8	25	1											1	23					1								

Table Antimicrobial susceptibility testing of *S. Kentucky* in Meat from broilers (*Gallus gallus*) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (<i>Gallus gallus</i>) - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Sheep - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 104 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Sheep - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0									1	1														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	2																	1	1						
Amphenicols - Chloramphenicol	16	2	2																	2							
Amphenicols - Florfenicol	16	2	2																	2							
Cephalosporins - Cefotaxime	0	2	2							2																	
Fluoroquinolones - Ciprofloxacin	0	2	2						2																		
Penicillins - Ampicillin	4	2	2																2								
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0									1	1														
Sulfonamides - Sulfamethoxazol	256	2	2																						2		
Tetracyclines	8	2	2																2								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Sheep - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 104	Sheep - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Bredeney in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Bredeney		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from pig - carcase - at slaughterhouse - Surveillance																									
		Isolates out of a monitoring program (yes/no)																									
Antimicrobials:	Number of isolates available in the laboratory	unknown																									
		Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048
Aminoglycosides - Gentamicin		2	1	0									1														
Aminoglycosides - Kanamycin		4	1	0												1											
Aminoglycosides - Streptomycin		32	1	0													1										
Amphenicols - Chloramphenicol		16	1	0													1										
Amphenicols - Florfenicol		16	1	0												1											
Cephalosporins - Cefotaxime		0	1	1						1																	
Fluoroquinolones - Ciprofloxacin		0	1	1					1																		
Penicillins - Ampicillin		4	1	0										1													
Quinolones - Nalidixic acid		16	1	0												1											
Trimethoprim		2	1	0									1														
Cephalosporins - Ceftazidim		2	1	0								1															
Sulfonamides - Sulfamethoxazol		256	1	0															1								
Tetracyclines		8	1	0											1												

Table Antimicrobial susceptibility testing of *S. Bredeney* in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Bredeney Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 104	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	5	0									1	4														
Aminoglycosides - Kanamycin	4	5	0													5											
Aminoglycosides - Streptomycin	32	5	4														1			4							
Amphenicols - Chloramphenicol	16	5	4														1			4							
Amphenicols - Florfenicol	16	5	4														1			4							
Cephalosporins - Cefotaxime	0	5	5							1	4																
Fluoroquinolones - Ciprofloxacin	0	5	5						5																		
Penicillins - Ampicillin	4	5	4												1				4								
Quinolones - Nalidixic acid	16	5	0													5											
Trimethoprim	2	5	0										5														
Cephalosporins - Ceftazidim	2	5	0									2	3														
Sulfonamides - Sulfamethoxazol	256	5	4																	1					4		
Tetracyclines	8	5	4												1				2	2							

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 104 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Birds - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	1																	1								
Amphenicols - Florfenicol	16	1	1																1									
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1							1																		
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0														1											
Trimethoprim	2	1	1																1									
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	1																							1		
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 193	Birds - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Solipeds, domestic - horses - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	1																							1		
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

DT 193	Solipeds, domestic - horses - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 193 in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Ducks - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0														1										
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0															1									
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Ducks - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Pigs - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																		1						
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Pigs - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - U 302 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

U 302 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Pigs - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	1														1										
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0															1									
Amphenicols - Chloramphenicol	16	1	1																	1							
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0														1										
Trimethoprim	2	1	1																1								
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of *S. Typhimurium* - U 302 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

U 302 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Pigs - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Meat from turkey - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	Meat from turkey - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	unknown																										
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0										3														
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	0														1	2									
Amphenicols - Chloramphenicol	16	3	0													3											
Amphenicols - Florfenicol	16	3	0													3											
Cephalosporins - Cefotaxime	0	3	3							3																	
Fluoroquinolones - Ciprofloxacin	0	3	3				1		1				1														
Penicillins - Ampicillin	4	3	0											1	2												
Quinolones - Nalidixic acid	16	3	1													2			1								
Trimethoprim	2	3	0										3														
Cephalosporins - Ceftazidim	2	3	0									3															
Sulfonamides - Sulfamethoxazol	256	3	0																3								
Tetracyclines	8	3	0												3												

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Meat from turkey - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from turkey - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Schwarzengrund* in Meat from duck - carcase - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - neck skin - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Schwarzengrund	Meat from duck - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0										3														
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	0														1	2									
Amphenicols - Chloramphenicol	16	3	0														3										
Amphenicols - Florfenicol	16	3	0													3											
Cephalosporins - Cefotaxime	0	3	3							3																	
Fluoroquinolones - Ciprofloxacin	0	3	3				1		2																		
Penicillins - Ampicillin	4	3	0											3													
Quinolones - Nalidixic acid	16	3	0													2	1										
Trimethoprim	2	3	0										3														
Cephalosporins - Ceftazidim	2	3	0									3															
Sulfonamides - Sulfamethoxazol	256	3	0																1	2							
Tetracyclines	8	3	0												3												

Table Antimicrobial susceptibility testing of *S. Schwarzengrund* in Meat from duck - carcase - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - neck skin - quantitative data [Dilution method]

S. Schwarzengrund Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from duck - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Pigs - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

DT 193	Pigs - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Infantis in Meat from duck - carcase - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - neck skin - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Infantis	Meat from duck - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of *S. Infantis* in Meat from duck - carcase - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - neck skin - quantitative data [Dilution method]

S. Infantis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from duck - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Dublin in Meat from bovine animals - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Dublin	Meat from bovine animals - carcase - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	3	0									3																
Aminoglycosides - Kanamycin	4	3	0													3												
Aminoglycosides - Streptomycin	32	3	0														1	2										
Amphenicols - Chloramphenicol	16	3	0												1	1	1											
Amphenicols - Florfenicol	16	3	0												1	2												
Cephalosporins - Cefotaxime	0	3	3							3																		
Fluoroquinolones - Ciprofloxacin	0	3	3				2			1																		
Penicillins - Ampicillin	4	3	0										1	2														
Quinolones - Nalidixic acid	16	3	0													3												
Trimethoprim	2	3	0										2	1														
Cephalosporins - Ceftazidim	2	3	0									3																
Sulfonamides - Sulfamethoxazol	256	3	0																1		2							
Tetracyclines	8	3	0											2	1													

Table Antimicrobial susceptibility testing of S. Dublin in Meat from bovine animals - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

S. Dublin	Meat from bovine animals - carcase - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 120 in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 120	Meat from bovine animals - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	1																1									
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 120	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in Meat from broilers (*Gallus gallus*) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Not typeable	Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	1																		1						
Aminoglycosides - Streptomycin	32	1	1																	1							
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	1																1								
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0															1									
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of S. Typhimurium - Not typeable in Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Not typeable Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - RDNC in Meat from bovine animals - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

RDNC	Meat from bovine animals - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	1																1								

Table Antimicrobial susceptibility testing of *S. Typhimurium* - RDNC in Meat from bovine animals - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

RDNC	Meat from bovine animals - carcase - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 12 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 12	Meat from pig - carcase - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	unknown																										
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	1																1								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 12 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

DT 12 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 104	Meat from bovine animals - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																	1								
Amphenicols - Chloramphenicol	16	1	1																	1								
Amphenicols - Florfenicol	16	1	1																	1								
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1									1																
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	1																	1								
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																1									

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 104	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104b in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 104b	Meat from bovine animals - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0									1	1														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	2																2								
Amphenicols - Chloramphenicol	16	2	2																2								
Amphenicols - Florfenicol	16	2	2															2									
Cephalosporins - Cefotaxime	0	2	2							2																	
Fluoroquinolones - Ciprofloxacin	0	2	2						2																		
Penicillins - Ampicillin	4	2	2																2								
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0									2															
Sulfonamides - Sulfamethoxazol	256	2	2																						2		
Tetracyclines	8	2	2																2								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104b in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 104b	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Meat from duck - fresh - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																	1							
Amphenicols - Chloramphenicol	16	1	1																	1							
Amphenicols - Florfenicol	16	1	0															1									
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	1																1								
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	0													1											

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Meat from duck - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from duck - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1				1																					
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - Official sampling - food sample - meat - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 193 in Meat from broilers (*Gallus gallus*) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Meat from broilers (<i>Gallus gallus</i>) - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	≤0.002	≤0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0															1										
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0														1											
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0														1											
Trimethoprim	2	1	1																1									
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																							1		
Tetracyclines	8	1	0													1												

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 193	Meat from broilers (Gallus gallus) - fresh - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - U 302 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

U 302	Meat from pig - carcase - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	1																	1								
Amphenicols - Florfenicol	16	1	0															1										
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1										1															
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	1																	1								
Trimethoprim	2	1	1																1									
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Typhimurium - U 302 in Meat from pig - carcase - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - carcase swabs - quantitative data [Dilution method]

U 302 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - carcase - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 17 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 17	Meat from pig - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																1									
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 17 in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 17 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 120 in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 120	Meat from bovine animals - fresh - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	≤0.002	≤0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0														1											
Trimethoprim	2	1	1																1									
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																							1		
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 120 in Meat from bovine animals - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 120 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from bovine animals - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - Not typeable in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Not typeable	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
	Aminoglycosides - Gentamicin	2	4	0								2	2														
	Aminoglycosides - Kanamycin	4	4	0												4											
	Aminoglycosides - Streptomycin	32	4	4																	4						
	Amphenicols - Chloramphenicol	16	4	0													2	2									
	Amphenicols - Florfenicol	16	4	0													4										
	Cephalosporins - Cefotaxime	0	4	4							3	1															
	Fluoroquinolones - Ciprofloxacin	0	4	4						4																	
	Penicillins - Ampicillin	4	4	1											3					1							
	Quinolones - Nalidixic acid	16	4	0													4										
	Trimethoprim	2	4	0										4													
	Cephalosporins - Ceftazidim	2	4	0									3	1													
	Sulfonamides - Sulfamethoxazol	256	4	4																						4	
Tetracyclines	8	4	4																	4							

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - Not typeable in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Not typeable Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 120 low in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 120 low Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance																										
	unknown																										
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0								2	1															
Aminoglycosides - Kanamycin	4	3	0												3												
Aminoglycosides - Streptomycin	32	3	3																1	2							
Amphenicols - Chloramphenicol	16	3	0													3											
Amphenicols - Florfenicol	16	3	0												2	1											
Cephalosporins - Cefotaxime	0	3	3							2	1																
Fluoroquinolones - Ciprofloxacin	0	3	3							1		2															
Penicillins - Ampicillin	4	3	2											1				2									
Quinolones - Nalidixic acid	16	3	2													1			2								
Trimethoprim	2	3	1									2						1									
Cephalosporins - Ceftazidim	2	3	0								3																
Sulfonamides - Sulfamethoxazol	256	3	3																						3		
Tetracyclines	8	3	2												1				2								

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 120 low in Meat from pig - fresh - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - food sample - meat - quantitative data [Dilution method]

DT 120 low Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - fresh - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Enteritidis in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Enteritidis	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0												1													
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1									1																
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	1																	1								
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																1									
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Enteritidis* in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. Enteritidis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Kentucky* in *Gallus gallus* (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Kentucky	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	4	0									4															
Aminoglycosides - Kanamycin	4	4	0													4											
Aminoglycosides - Streptomycin	32	4	0														4										
Amphenicols - Chloramphenicol	16	4	0														4										
Amphenicols - Florfenicol	16	4	0													2	2										
Cephalosporins - Cefotaxime	0	4	4								4																
Fluoroquinolones - Ciprofloxacin	0	4	4				1		3																		
Penicillins - Ampicillin	4	4	0											3	1												
Quinolones - Nalidixic acid	16	4	0													4											
Trimethoprim	2	4	0										4														
Cephalosporins - Ceftazidim	2	4	0										4														
Sulfonamides - Sulfamethoxazol	256	4	0																		3	1					
Tetracyclines	8	4	0												4												

Table Antimicrobial susceptibility testing of S. Kentucky in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kentucky in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - dust - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Kentucky	Ducks - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																		1						
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Kentucky* in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - dust - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Ducks - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Bredeney in Dogs - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Bredeney	Dogs - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0															1										
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Bredeney* in Dogs - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. Bredeney Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Dogs - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kottbus in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

S. Kottbus Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Turkeys - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Kottbus* in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

S. Kottbus Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Orion in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

S. Orion		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance																									
		Isolates out of a monitoring program (yes/no)																									
Antimicrobials:	Number of isolates available in the laboratory	unknown																									
		Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048
Aminoglycosides - Gentamicin		2	1	0										1													
Aminoglycosides - Kanamycin		4	1	0													1										
Aminoglycosides - Streptomycin		32	1	0															1								
Amphenicols - Chloramphenicol		16	1	0														1									
Amphenicols - Florfenicol		16	1	0													1										
Cephalosporins - Cefotaxime		0	1	1								1															
Fluoroquinolones - Ciprofloxacin		0	1	1							1																
Penicillins - Ampicillin		4	1	0											1												
Quinolones - Nalidixic acid		16	1	0													1										
Trimethoprim		2	1	0										1													
Cephalosporins - Ceftazidim		2	1	0										1													
Sulfonamides - Sulfamethoxazol		256	1	0																	1						
Tetracyclines		8	1	0												1											

Table Antimicrobial susceptibility testing of *S. Orion* in *Gallus gallus* (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

S. Orion Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *diarizonae* in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. enterica subsp. diarizonae	All animals - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	unknown																											
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0															1										
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1				1																					
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																	1								
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *diarizonae* in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

<i>S. enterica</i> subsp. <i>diarizonae</i> Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All animals - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	Turkeys - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Rissen in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Rissen	Pigs - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0													1											
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of *S. Rissen* in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

S. Rissen Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Pigs - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Montevideo* in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Montevideo	Turkeys - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1				1																					
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																	1								
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Montevideo* in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

S. Montevideo Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Dublin in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Dublin	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	2	0									1		1														
Aminoglycosides - Kanamycin	4	2	0													2												
Aminoglycosides - Streptomycin	32	2	0														1		1									
Amphenicols - Chloramphenicol	16	2	0													2												
Amphenicols - Florfenicol	16	2	0												1	1												
Cephalosporins - Cefotaxime	0	2	2							2																		
Fluoroquinolones - Ciprofloxacin	0	2	2				2																					
Penicillins - Ampicillin	4	2	0										1	1														
Quinolones - Nalidixic acid	16	2	0													2												
Trimethoprim	2	2	0										2															
Cephalosporins - Ceftazidim	2	2	0									2																
Sulfonamides - Sulfamethoxazol	256	2	0																2									
Tetracyclines	8	2	0												2													

Table Antimicrobial susceptibility testing of S. Dublin in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Dublin	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Szentes in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - dust - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Szentes	All animals - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	unknown																										
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0															1									
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																		1						
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Szentes* in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - dust - quantitative data [Dilution method]

S. Szentes Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All animals - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - RDNC in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

RDNC	Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																										
	Solipeds, domestic - horses - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0									1	1														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	0														2										
Amphenicols - Chloramphenicol	16	2	0													2											
Amphenicols - Florfenicol	16	2	0												1	1											
Cephalosporins - Cefotaxime	0	2	2							2																	
Fluoroquinolones - Ciprofloxacin	0	2	2						2																		
Penicillins - Ampicillin	4	2	0											2													
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0									2															
Sulfonamides - Sulfamethoxazol	256	2	0																	2							
Tetracyclines	8	2	0												1	1											

Table Antimicrobial susceptibility testing of S. Typhimurium - RDNC in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

RDNC	Solipeds, domestic - horses - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - RDNC in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

RDNC	Pigs - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	1																	1							
Amphenicols - Florfenicol	16	1	0															1									
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	1																1								
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of *S. Typhimurium* - RDNC in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

RDNC	Pigs - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 8 in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

DT 8 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Ducks - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	15	0									3	12														
Aminoglycosides - Kanamycin	4	15	0													15											
Aminoglycosides - Streptomycin	32	15	0														6	8	1								
Amphenicols - Chloramphenicol	16	15	0													3	12										
Amphenicols - Florfenicol	16	15	0													11	4										
Cephalosporins - Cefotaxime	0	15	15							2	11	2															
Fluoroquinolones - Ciprofloxacin	0	15	15						10	5																	
Penicillins - Ampicillin	4	15	0											2	12	1											
Quinolones - Nalidixic acid	16	15	0														14	1									
Trimethoprim	2	15	0										14	1													
Cephalosporins - Ceftazidim	2	15	0									8	6	1													
Sulfonamides - Sulfamethoxazol	256	15	0															1	9	5							
Tetracyclines	8	15	0												11	4											

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 8 in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

DT 8 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Ducks - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 12 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 12 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																	1							
Amphenicols - Chloramphenicol	16	1	1																	1							
Amphenicols - Florfenicol	16	1	1																	1							
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																1								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 12 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 12	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

DT 104 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Solipeds, domestic - horses - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	9	2									2	5					1	1								
Aminoglycosides - Kanamycin	4	9	2													7					2						
Aminoglycosides - Streptomycin	32	9	9																	2	7						
Amphenicols - Chloramphenicol	16	9	9																	9							
Amphenicols - Florfenicol	16	9	9																	9							
Cephalosporins - Cefotaxime	0	9	9							3	4					2											
Fluoroquinolones - Ciprofloxacin	0	9	9				1		8																		
Penicillins - Ampicillin	4	9	9																9								
Quinolones - Nalidixic acid	16	9	0													8	1										
Trimethoprim	2	9	2										7						2								
Cephalosporins - Ceftazidim	2	9	0									4	3		2												
Sulfonamides - Sulfamethoxazol	256	9	9																						9		
Tetracyclines	8	9	9																4	5							

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

DT 104	Solipeds, domestic - horses - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 104	Pigs - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	1																	1								
Amphenicols - Florfenicol	16	1	1																1									
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	1																1									
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - feed sample - quantitative data [Dilution method]

DT 104	Pigs - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104b in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 104b	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	unknown																										
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	6	0									1	5														
Aminoglycosides - Kanamycin	4	6	0													6											
Aminoglycosides - Streptomycin	32	6	6																	6							
Amphenicols - Chloramphenicol	16	6	6																	6							
Amphenicols - Florfenicol	16	6	6																5	1							
Cephalosporins - Cefotaxime	0	6	6							4	1	1															
Fluoroquinolones - Ciprofloxacin	0	6	6						5	1																	
Penicillins - Ampicillin	4	6	6																6								
Quinolones - Nalidixic acid	16	6	0													5	1										
Trimethoprim	2	6	0										6														
Cephalosporins - Ceftazidim	2	6	0									4	2														
Sulfonamides - Sulfamethoxazol	256	6	6																						6		
Tetracyclines	8	6	6																1	5							

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104b in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 104b	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 193 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	3	0									2	1															
Aminoglycosides - Kanamycin	4	3	0													3												
Aminoglycosides - Streptomycin	32	3	3																		3							
Amphenicols - Chloramphenicol	16	3	1														2			1								
Amphenicols - Florfenicol	16	3	1													2			1									
Cephalosporins - Cefotaxime	0	3	3							1	2																	
Fluoroquinolones - Ciprofloxacin	0	3	3						2	1																		
Penicillins - Ampicillin	4	3	3																3									
Quinolones - Nalidixic acid	16	3	0													2	1											
Trimethoprim	2	3	1										2						1									
Cephalosporins - Ceftazidim	2	3	0									3																
Sulfonamides - Sulfamethoxazol	256	3	3																						3			
Tetracyclines	8	3	3																	3								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Pigs - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	4	2									1	1				1	1										
Aminoglycosides - Kanamycin	4	4	2													2					2							
Aminoglycosides - Streptomycin	32	4	3														1				3							
Amphenicols - Chloramphenicol	16	4	3															1		3								
Amphenicols - Florfenicol	16	4	3														1		3									
Cephalosporins - Cefotaxime	0	4	4									3	1															
Fluoroquinolones - Ciprofloxacin	0	4	4							3	1																	
Penicillins - Ampicillin	4	4	3												1				3									
Quinolones - Nalidixic acid	16	4	0														4											
Trimethoprim	2	4	3										1						3									
Cephalosporins - Ceftazidim	2	4	0										4															
Sulfonamides - Sulfamethoxazol	256	4	3																1						3			
Tetracyclines	8	4	4																	4								

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Pigs - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - U 302 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Industry sampling - animal sample - faeces - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

U 302	Pigs - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	2	0									1	1															
Aminoglycosides - Kanamycin	4	2	0													2												
Aminoglycosides - Streptomycin	32	2	2																	2								
Amphenicols - Chloramphenicol	16	2	2																	2								
Amphenicols - Florfenicol	16	2	2																1	1								
Cephalosporins - Cefotaxime	0	2	2							2																		
Fluoroquinolones - Ciprofloxacin	0	2	2									1	1															
Penicillins - Ampicillin	4	2	2																2									
Quinolones - Nalidixic acid	16	2	2																	2								
Trimethoprim	2	2	0										2															
Cephalosporins - Ceftazidim	2	2	0									2																
Sulfonamides - Sulfamethoxazol	256	2	2																						2			
Tetracyclines	8	2	2																1	1								

Table Antimicrobial susceptibility testing of *S. Typhimurium* - U 302 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Industry sampling - animal sample - faeces - quantitative data [Dilution method]

U 302 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Pigs - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 135 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 135	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0										3														
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	3																		3						
Amphenicols - Chloramphenicol	16	3	0														3										
Amphenicols - Florfenicol	16	3	0													3											
Cephalosporins - Cefotaxime	0	3	3							1	2																
Fluoroquinolones - Ciprofloxacin	0	3	3						3																		
Penicillins - Ampicillin	4	3	0											1	2												
Quinolones - Nalidixic acid	16	3	0													3											
Trimethoprim	2	3	0										2	1													
Cephalosporins - Ceftazidim	2	3	0									3															
Sulfonamides - Sulfamethoxazol	256	3	3																						3		
Tetracyclines	8	3	3																	3							

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 135 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 135 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Pigs - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																	1								
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Pigs - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. London in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. London	Pigs - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0													1												
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																	1								
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of S. London in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. London	Pigs - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Mbandaka in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified
- Official and industry sampling - animal sample - quantitative data [Dilution method]

S. Mbandaka Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0											1													
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Mbandaka* in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified
- Official and industry sampling - animal sample - quantitative data [Dilution method]

S. Mbandaka Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kentucky in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Kentucky	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	≤0.002	≤0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	2	0									2																
Aminoglycosides - Kanamycin	4	2	0													2												
Aminoglycosides - Streptomycin	32	2	0														1	1										
Amphenicols - Chloramphenicol	16	2	0														2											
Amphenicols - Florfenicol	16	2	0														2											
Cephalosporins - Cefotaxime	0	2	2								2																	
Fluoroquinolones - Ciprofloxacin	0	2	2						2																			
Penicillins - Ampicillin	4	2	0												2													
Quinolones - Nalidixic acid	16	2	0													1	1											
Trimethoprim	2	2	0										2															
Cephalosporins - Ceftazidim	2	2	0										2															
Sulfonamides - Sulfamethoxazol	256	2	0																	2								
Tetracyclines	8	2	0												2													

Table Antimicrobial susceptibility testing of *S. Kentucky* in *Gallus gallus* (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kentucky in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		All animals - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Kentucky in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All animals - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Bredeney in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Bredeney Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Solipeds, domestic - horses - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Bredeney* in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Bredeney Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Solipeds, domestic - horses - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Newport in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Newport	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																	1								
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Newport* in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. Newport Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *diarizonae* in Sheep - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. enterica subsp. diarizonae	Sheep - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	5	0									5															
Aminoglycosides - Kanamycin	4	5	0													5											
Aminoglycosides - Streptomycin	32	5	0														2	3									
Amphenicols - Chloramphenicol	16	5	0													5											
Amphenicols - Florfenicol	16	5	0												5												
Cephalosporins - Cefotaxime	0	5	5							4	1																
Fluoroquinolones - Ciprofloxacin	0	5	5				3		2																		
Penicillins - Ampicillin	4	5	0											4	1												
Quinolones - Nalidixic acid	16	5	0													5											
Trimethoprim	2	5	0										5														
Cephalosporins - Ceftazidim	2	5	0									5															
Sulfonamides - Sulfamethoxazol	256	5	0																5								
Tetracyclines	8	5	0											2	3												

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *diarizonae* in Sheep - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. enterica subsp. diarizonae Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Sheep - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Senftenberg in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - quantitative data [Dilution method]

S. Senftenberg Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		All animals - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Senftenberg* in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - quantitative data [Dilution method]

S. Senftenberg Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All animals - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Derby in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

S. Derby Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Turkeys - unspecified - at slaughterhouse - Surveillance																											
		unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048			
Aminoglycosides - Gentamicin	2	1	0										1																
Aminoglycosides - Kanamycin	4	1	0													1													
Aminoglycosides - Streptomycin	32	1	1																		1								
Amphenicols - Chloramphenicol	16	1	0														1												
Amphenicols - Florfenicol	16	1	0														1												
Cephalosporins - Cefotaxime	0	1	1								1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																				
Penicillins - Ampicillin	4	1	0												1														
Quinolones - Nalidixic acid	16	1	0													1													
Trimethoprim	2	1	0										1																
Cephalosporins - Ceftazidim	2	1	0										1																
Sulfonamides - Sulfamethoxazol	256	1	1																						1				
Tetracyclines	8	1	1																	1									

Table Antimicrobial susceptibility testing of S. Derby in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

S. Derby	Turkeys - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	All animals - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0															1									
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All animals - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Schwarzengrund* in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - dust - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Schwarzengrund	Ducks - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0									3															
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	0														1	2									
Amphenicols - Chloramphenicol	16	3	0														2	1									
Amphenicols - Florfenicol	16	3	0													3											
Cephalosporins - Cefotaxime	0	3	3							3																	
Fluoroquinolones - Ciprofloxacin	0	3	3				3																				
Penicillins - Ampicillin	4	3	0											3													
Quinolones - Nalidixic acid	16	3	0													3											
Trimethoprim	2	3	0										3														
Cephalosporins - Ceftazidim	2	3	0									3															
Sulfonamides - Sulfamethoxazol	256	3	0																1	2							
Tetracyclines	8	3	0												3												

Table Antimicrobial susceptibility testing of *S. Schwarzengrund* in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - dust - quantitative data [Dilution method]

S. Schwarzengrund Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Ducks - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Meleagridis* in Turkey - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Meleagridis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Turkeys - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0													1											
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0												1												
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0											1													
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Meleagridis* in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Meleagridis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Dublin in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Dublin	Birds - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1				1																					
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																1									
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of S. Dublin in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. Dublin	Birds - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Dublin in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Dublin	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0									2	1														
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	0														1	2									
Amphenicols - Chloramphenicol	16	3	0													3											
Amphenicols - Florfenicol	16	3	0												1	2											
Cephalosporins - Cefotaxime	0	3	3							2	1																
Fluoroquinolones - Ciprofloxacin	0	3	3				1		2																		
Penicillins - Ampicillin	4	3	0										1	2													
Quinolones - Nalidixic acid	16	3	0													3											
Trimethoprim	2	3	0										3														
Cephalosporins - Ceftazidim	2	3	0									3															
Sulfonamides - Sulfamethoxazol	256	3	0															1	1	1							
Tetracyclines	8	3	0											1	2												

Table Antimicrobial susceptibility testing of S. Dublin in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. Dublin	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 120 in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 120	All animals - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0															1									
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0														1										
Trimethoprim	2	1	1																1								
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

DT 120 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All animals - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - Not typeable in Dogs - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
Not typeable	Dogs - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in Dogs - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Not typeable Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Dogs - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - Not typeable in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
Not typeable	Pigs - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Not typeable Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Pigs - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - RDNC in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
RDNC	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of *S. Typhimurium* - RDNC in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

RDNC Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 8 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 8	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	≤0.002	≤0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0												1													
Quinolones - Nalidixic acid	16	1	0														1											
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																1									
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 8 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

DT 8	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 104	Solipeds, domestic - horses - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	1																	1								
Amphenicols - Florfenicol	16	1	1																	1								
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																							1		
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 104 in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 104	Solipeds, domestic - horses - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - dust - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 104	Turkeys - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																	1								
Amphenicols - Chloramphenicol	16	1	1																	1								
Amphenicols - Florfenicol	16	1	1																1									
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	1																						1			
Tetracyclines	8	1	1																1									

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 104 in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - dust - quantitative data [Dilution method]

DT 104 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 104 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 104	Pigs - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										2														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	2																	2							
Amphenicols - Chloramphenicol	16	2	2																2								
Amphenicols - Florfenicol	16	2	2															2									
Cephalosporins - Cefotaxime	0	2	2							1	1																
Fluoroquinolones - Ciprofloxacin	0	2	2						2																		
Penicillins - Ampicillin	4	2	2																2								
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0									2															
Sulfonamides - Sulfamethoxazol	256	2	2																						2		
Tetracyclines	8	2	2																2								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

DT 104	Pigs - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Pigs - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	2	1									1							1									
Aminoglycosides - Kanamycin	4	2	1													1					1							
Aminoglycosides - Streptomycin	32	2	2																		2							
Amphenicols - Chloramphenicol	16	2	1														1			1								
Amphenicols - Florfenicol	16	2	1													1				1								
Cephalosporins - Cefotaxime	0	2	2							1			1															
Fluoroquinolones - Ciprofloxacin	0	2	2						1	1																		
Penicillins - Ampicillin	4	2	2																2									
Quinolones - Nalidixic acid	16	2	0													1	1											
Trimethoprim	2	2	1										1						1									
Cephalosporins - Ceftazidim	2	2	0									1	1															
Sulfonamides - Sulfamethoxazol	256	2	2																							2		
Tetracyclines	8	2	2																	2								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Pigs - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 135 in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 135	Birds - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	3	0										2	1														
Aminoglycosides - Kanamycin	4	3	0													3												
Aminoglycosides - Streptomycin	32	3	3																		3							
Amphenicols - Chloramphenicol	16	3	0														2	1										
Amphenicols - Florfenicol	16	3	0													3												
Cephalosporins - Cefotaxime	0	3	3								2	1																
Fluoroquinolones - Ciprofloxacin	0	3	3						2	1																		
Penicillins - Ampicillin	4	3	0												3													
Quinolones - Nalidixic acid	16	3	0													3												
Trimethoprim	2	3	0										3															
Cephalosporins - Ceftazidim	2	3	0									3																
Sulfonamides - Sulfamethoxazol	256	3	3																						3			
Tetracyclines	8	3	3																	3								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 135 in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 135	Birds - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 193 in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

DT 193	Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																										
	Solipeds, domestic - horses - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 193 in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Solipeds, domestic - horses - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Pigs - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	4	0									1	3														
Aminoglycosides - Kanamycin	4	4	0													4											
Aminoglycosides - Streptomycin	32	4	4																		4						
Amphenicols - Chloramphenicol	16	4	0														4										
Amphenicols - Florfenicol	16	4	0													4											
Cephalosporins - Cefotaxime	0	4	4							4																	
Fluoroquinolones - Ciprofloxacin	0	4	4						4																		
Penicillins - Ampicillin	4	4	4																4								
Quinolones - Nalidixic acid	16	4	0													4											
Trimethoprim	2	4	0										4														
Cephalosporins - Ceftazidim	2	4	0									4															
Sulfonamides - Sulfamethoxazol	256	4	4																						4		
Tetracyclines	8	4	4																	4							

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 193 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 193	Pigs - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 20a in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 20a	Pigs - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1										1														
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	1																	1							
Trimethoprim	2	1	1																1								
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 20a in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 20a	Pigs - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Give in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - fabric swab - quantitative data [Dilution method]

S. Give Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		All animals - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0													1											
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Give in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - fabric swab - quantitative data [Dilution method]

S. Give Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All animals - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Mbandaka in Sheep - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Mbandaka	Sheep - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	2	0										2															
Aminoglycosides - Kanamycin	4	2	0													2												
Aminoglycosides - Streptomycin	32	2	0														2											
Amphenicols - Chloramphenicol	16	2	0														2											
Amphenicols - Florfenicol	16	2	0													2												
Cephalosporins - Cefotaxime	0	2	2								2																	
Fluoroquinolones - Ciprofloxacin	0	2	2				2																					
Penicillins - Ampicillin	4	2	0											2														
Quinolones - Nalidixic acid	16	2	0													2												
Trimethoprim	2	2	0										2															
Cephalosporins - Ceftazidim	2	2	0										2															
Sulfonamides - Sulfamethoxazol	256	2	0																	2								
Tetracyclines	8	2	0												2													

Table Antimicrobial susceptibility testing of *S. Mbandaka* in Sheep - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. Mbandaka Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Sheep - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Kentucky in Poultry, unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Kentucky	Poultry, unspecified - at slaughterhouse - Surveillance																											
	Poultry, unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	unknown																											
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	3	0									1	2															
Aminoglycosides - Kanamycin	4	3	0													3												
Aminoglycosides - Streptomycin	32	3	0														2	1										
Amphenicols - Chloramphenicol	16	3	0														3											
Amphenicols - Florfenicol	16	3	0													1	2											
Cephalosporins - Cefotaxime	0	3	3								2					1												
Fluoroquinolones - Ciprofloxacin	0	3	3				1		2																			
Penicillins - Ampicillin	4	3	1											1	1				1									
Quinolones - Nalidixic acid	16	3	0													3												
Trimethoprim	2	3	0										3															
Cephalosporins - Ceftazidim	2	3	1										2					1										
Sulfonamides - Sulfamethoxazol	256	3	0																	1	2							
Tetracyclines	8	3	0												3													

Table Antimicrobial susceptibility testing of *S. Kentucky* in Poultry, unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Poultry, unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Newport in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

S. Newport Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		All animals - unspecified - at slaughterhouse - Surveillance																											
		unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048			
Aminoglycosides - Gentamicin	2	1	0										1																
Aminoglycosides - Kanamycin	4	1	0													1													
Aminoglycosides - Streptomycin	32	1	0													1													
Amphenicols - Chloramphenicol	16	1	0														1												
Amphenicols - Florfenicol	16	1	0													1													
Cephalosporins - Cefotaxime	0	1	1							1																			
Fluoroquinolones - Ciprofloxacin	0	1	1				1																						
Penicillins - Ampicillin	4	1	0											1															
Quinolones - Nalidixic acid	16	1	0													1													
Trimethoprim	2	1	0										1																
Cephalosporins - Ceftazidim	2	1	0									1																	
Sulfonamides - Sulfamethoxazol	256	1	0																	1									
Tetracyclines	8	1	0												1														

Table Antimicrobial susceptibility testing of S. Newport in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

S. Newport Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	All animals - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *arizonae* in Sheep - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. enterica subsp. arizonae Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Sheep - at slaughterhouse - Surveillance																											
		unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048			
Aminoglycosides - Gentamicin	2	1	0									1																	
Aminoglycosides - Kanamycin	4	1	0													1													
Aminoglycosides - Streptomycin	32	1	0															1											
Amphenicols - Chloramphenicol	16	1	0													1													
Amphenicols - Florfenicol	16	1	0												1														
Cephalosporins - Cefotaxime	0	1	1							1																			
Fluoroquinolones - Ciprofloxacin	0	1	1				1																						
Penicillins - Ampicillin	4	1	0											1															
Quinolones - Nalidixic acid	16	1	0													1													
Trimethoprim	2	1	0										1																
Cephalosporins - Ceftazidim	2	1	0									1																	
Sulfonamides - Sulfamethoxazol	256	1	0																1										
Tetracyclines	8	1	0												1														

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *arizonae* in Sheep - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. enterica subsp. arizonae Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Sheep - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Kottbus* in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Kottbus	Turkeys - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0															1										
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0												1													
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0												1													
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																1									
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Kottbus* in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

S. Kottbus Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *diarizonae* in Reptiles - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. enterica subsp. diarizonae	Reptiles - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0																1								
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																		1						
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *diarizonae* in Reptiles - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. enterica subsp. diarizonae Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Reptiles - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Senftenberg in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Senftenberg Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Turkeys - unspecified - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1										1														
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	1																	1							
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																1								
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Senftenberg* in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Senftenberg Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Derby in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Derby	Turkeys - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0														1										
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0										1														
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of S. Derby in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

S. Derby Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	3	0									2	1														
Aminoglycosides - Kanamycin	4	3	0													3											
Aminoglycosides - Streptomycin	32	3	0													1	1	1									
Amphenicols - Chloramphenicol	16	3	0														3										
Amphenicols - Florfenicol	16	3	0														3										
Cephalosporins - Cefotaxime	0	3	3							3																	
Fluoroquinolones - Ciprofloxacin	0	3	3						3																		
Penicillins - Ampicillin	4	3	0											2	1												
Quinolones - Nalidixic acid	16	3	0													3											
Trimethoprim	2	3	0										3														
Cephalosporins - Ceftazidim	2	3	0									3															
Sulfonamides - Sulfamethoxazol	256	3	0																1	1	1						
Tetracyclines	8	3	0												3												

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

Salmonella spp., unspecified	Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																										
	Turkeys - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
Antimicrobials:	Number of isolates available in the laboratory																										
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0										2														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	0															2									
Amphenicols - Chloramphenicol	16	2	0													2											
Amphenicols - Florfenicol	16	2	0													2											
Cephalosporins - Cefotaxime	0	2	2							2																	
Fluoroquinolones - Ciprofloxacin	0	2	2				1		1																		
Penicillins - Ampicillin	4	2	0											2													
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0									2															
Sulfonamides - Sulfamethoxazol	256	2	0																2								
Tetracyclines	8	2	0												2												

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Salmonella spp., unspecified	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0												1													
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1				1																					
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0															1										
Tetracyclines	8	1	0											1														

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - animal sample - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *houtenae* in Reptiles - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. enterica subsp. houtenae Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Reptiles - at slaughterhouse - Surveillance																									
		unknown																									
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0									1	1														
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	0																2								
Amphenicols - Chloramphenicol	16	2	0													1	1										
Amphenicols - Florfenicol	16	2	0													1	1										
Cephalosporins - Cefotaxime	0	2	2							1		1															
Fluoroquinolones - Ciprofloxacin	0	2	2				1		1																		
Penicillins - Ampicillin	4	2	0											1	1												
Quinolones - Nalidixic acid	16	2	0													2											
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0									1	1														
Sulfonamides - Sulfamethoxazol	256	2	0															2									
Tetracyclines	8	2	0											1	1												

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *houtenae* in Reptiles - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. enterica subsp. houtenae Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Reptiles - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Virchow in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

S. Virchow		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance																									
Isolates out of a monitoring program (yes/no)																											
Number of isolates available in the laboratory	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	1															1									
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1									1															
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	1																	1							
Trimethoprim	2	1	1																1								
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of *S. Virchow* in *Gallus gallus* (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - boot swabs - quantitative data [Dilution method]

S. Virchow Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Infantis in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Infantis	Pigs - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	unknown																											
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0															1										
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0														1											
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0												1													
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	0																			1						
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Infantis* in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

S. Infantis Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Pigs - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Brandenburg in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - dust - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Brandenburg	Ducks - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0														1											
Amphenicols - Chloramphenicol	16	1	0														1											
Amphenicols - Florfenicol	16	1	0													1												
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0																	1								
Tetracyclines	8	1	0														1											

Table Antimicrobial susceptibility testing of *S. Brandenburg* in Ducks - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - dust - quantitative data [Dilution method]

S. Brandenburg Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Ducks - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Dublin in Gallus gallus (fowl) - breeding flocks for broiler production line - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

S. Dublin	Gallus gallus (fowl) - breeding flocks for broiler production line - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	unknown																										
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1				1																				
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Dublin in Gallus gallus (fowl) - breeding flocks for broiler production line - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

S. Dublin	Gallus gallus (fowl) - breeding flocks for broiler production line - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	lowest	highest
Antimicrobials:		
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 2 in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 2	Birds - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0										1															
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																1									
Amphenicols - Chloramphenicol	16	1	0													1												
Amphenicols - Florfenicol	16	1	0												1													
Cephalosporins - Cefotaxime	0	1	1							1																		
Fluoroquinolones - Ciprofloxacin	0	1	1						1																			
Penicillins - Ampicillin	4	1	0											1														
Quinolones - Nalidixic acid	16	1	0													1												
Trimethoprim	2	1	0										1															
Cephalosporins - Ceftazidim	2	1	0									1																
Sulfonamides - Sulfamethoxazol	256	1	0														1											
Tetracyclines	8	1	0												1													

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 2 in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 2	Birds - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 120	Pigs - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	1	0									1																
Aminoglycosides - Kanamycin	4	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																		1							
Amphenicols - Chloramphenicol	16	1	1																	1								
Amphenicols - Florfenicol	16	1	0															1										
Cephalosporins - Cefotaxime	0	1	1								1																	
Fluoroquinolones - Ciprofloxacin	0	1	1										1															
Penicillins - Ampicillin	4	1	1																1									
Quinolones - Nalidixic acid	16	1	1																	1								
Trimethoprim	2	1	1																1									
Cephalosporins - Ceftazidim	2	1	0										1															
Sulfonamides - Sulfamethoxazol	256	1	1																							1		
Tetracyclines	8	1	1																	1								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 120	Pigs - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

Not typeable	All animals - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1							1																	
Penicillins - Ampicillin	4	1	0												1												
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in All animals - unspecified - at slaughterhouse - Surveillance - Unspecified - HACCP and own checks - environmental sample - quantitative data [Dilution method]

Not typeable Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	All animals - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - RDNC in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

RDNC	Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																										
	Birds - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
Antimicrobials:	Number of isolates available in the laboratory																										
	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0									1															
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0														1										
Amphenicols - Chloramphenicol	16	1	0													1											
Amphenicols - Florfenicol	16	1	0												1												
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																	1							
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Typhimurium - RDNC in Birds - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

RDNC	Birds - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 8 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 8	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	2	0									2															
Aminoglycosides - Kanamycin	4	2	0													2											
Aminoglycosides - Streptomycin	32	2	0														2										
Amphenicols - Chloramphenicol	16	2	0														2										
Amphenicols - Florfenicol	16	2	0													2											
Cephalosporins - Cefotaxime	0	2	2								2																
Fluoroquinolones - Ciprofloxacin	0	2	2						2																		
Penicillins - Ampicillin	4	2	0												2												
Quinolones - Nalidixic acid	16	2	0														2										
Trimethoprim	2	2	0										2														
Cephalosporins - Ceftazidim	2	2	0									2															
Sulfonamides - Sulfamethoxazol	256	2	0																2								
Tetracyclines	8	2	0												2												

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 8 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 8	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 104 in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 104	Turkeys - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	1																	1							
Amphenicols - Florfenicol	16	1	1																1								
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 104 in Turkeys - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - environmental sample - boot swabs - quantitative data [Dilution method]

DT 104 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Turkeys - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 104 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 104	Pigs - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																		1						
Amphenicols - Chloramphenicol	16	1	1																	1							
Amphenicols - Florfenicol	16	1	1																	1							
Cephalosporins - Cefotaxime	0	1	1								1																
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	1																1								
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	1																						1		
Tetracyclines	8	1	1																	1							

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104 in Pigs - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 104	Pigs - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 193 in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

DT 193	Solipeds, domestic - horses - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	1	0										1														
Aminoglycosides - Kanamycin	4	1	0													1											
Aminoglycosides - Streptomycin	32	1	0															1									
Amphenicols - Chloramphenicol	16	1	0														1										
Amphenicols - Florfenicol	16	1	0													1											
Cephalosporins - Cefotaxime	0	1	1							1																	
Fluoroquinolones - Ciprofloxacin	0	1	1						1																		
Penicillins - Ampicillin	4	1	0											1													
Quinolones - Nalidixic acid	16	1	0													1											
Trimethoprim	2	1	0										1														
Cephalosporins - Ceftazidim	2	1	0									1															
Sulfonamides - Sulfamethoxazol	256	1	0																		1						
Tetracyclines	8	1	0												1												

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 193 in Solipeds, domestic - horses - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 193 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Solipeds, domestic - horses - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 193 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 193	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	2	7	0									1	5	1													
Aminoglycosides - Kanamycin	4	7	0													7											
Aminoglycosides - Streptomycin	32	7	7																		7						
Amphenicols - Chloramphenicol	16	7	0												1		6										
Amphenicols - Florfenicol	16	7	0												1	6											
Cephalosporins - Cefotaxime	0	7	7							5	2																
Fluoroquinolones - Ciprofloxacin	0	7	7				1		6																		
Penicillins - Ampicillin	4	7	7																7								
Quinolones - Nalidixic acid	16	7	0													6	1										
Trimethoprim	2	7	1										6						1								
Cephalosporins - Ceftazidim	2	7	0									6	1														
Sulfonamides - Sulfamethoxazol	256	7	7																						7		
Tetracyclines	8	7	7																	7							

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 193 in Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance - Unspecified - Official and industry sampling - animal sample - quantitative data [Dilution method]

DT 193	Cattle (bovine animals) - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.25	32
Aminoglycosides - Kanamycin	4	128
Aminoglycosides - Streptomycin	2	128
Amphenicols - Chloramphenicol	2	64
Amphenicols - Florfenicol	2	64
Cephalosporins - Cefotaxime	0.06	4
Fluoroquinolones - Ciprofloxacin	0.008	8
Penicillins - Ampicillin	0.5	32
Quinolones - Nalidixic acid	4	64
Trimethoprim	0.5	32
Cephalosporins - Ceftazidim	0.25	16
Sulfonamides - Sulfamethoxazol	8	1024
Tetracyclines	1	64

Table Cut-off values for antibiotic resistance testing of Salmonella in Animals

Test Method Used		Standard methods used for testing		
			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		2	
	Streptomycin		32	
Amphenicols	Chloramphenicol		16	
Cephalosporins	Cefotaxime		0.5	
Fluoroquinolones	Ciprofloxacin		0.06	
Penicillins	Ampicillin		4	
Quinolones	Nalidixic acid		16	
Sulfonamides	Sulfonamides		256	
Tetracyclines	Tetracycline		8	
Trimethoprim	Trimethoprim		2	

Table Cut-off values for antibiotic resistance testing of Salmonella in Feed

Test Method Used		Standard methods used for testing		
			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		2	
	Streptomycin		32	
Amphenicols	Chloramphenicol		16	
Cephalosporins	Cefotaxime		0.5	
Fluoroquinolones	Ciprofloxacin		0.06	
Penicillins	Ampicillin		4	
Quinolones	Nalidixic acid		16	
Sulfonamides	Sulfonamides		256	
Tetracyclines	Tetracycline		8	
Trimethoprim	Trimethoprim		2	

Test Method Used	Standard methods used for testing

2.2 CAMPYLOBACTERIOSIS

2.2.1 General evaluation of the national situation

2.2.2 Campylobacter in foodstuffs

Table Campylobacter in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni
Bakery products - cakes - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	5			
Bakery products - desserts - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			
Beverages, non-alcoholic - soft drinks - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Cereals and meals - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	10			
Cheeses made from goats' milk - unspecified - made from pasteurised milk - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Confectionery products and pastes - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Crustaceans - prawns - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Crustaceans - unspecified - cooked - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			

Table Campylobacter in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni
Egg products - non-ready-to-eat - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Egg products - ready-to-eat - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	4			
Eggs - table eggs - at retail	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Fishery products, unspecified - cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Fishery products, unspecified - raw - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Fishery products, unspecified - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Fishery products, unspecified - ready-to-eat - chilled - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Fishery products, unspecified - smoked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Fruits and vegetables - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	5			
Fruits and vegetables - products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			
Live bivalve molluscs - oysters - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Meat from bovine animals - fresh - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			
Meat from bovine animals - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	2			
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	59			

Table Campylobacter in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			
Meat from other animal species or not specified - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	5			
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	1			
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	31			
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	14	1		
Meat from other animal species or not specified - minced meat - intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	2			
Meat from pig - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			
Meat from pig - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	135			
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	91			
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	3			
Meat from sheep - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			

Table Campylobacter in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	7			
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	11			
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	9			
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	2			
Molluscan shellfish - raw - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Other food - at retail (Environmental Swab)	OFML	Convenience sampling	Official sampling	environmental sample		Single	Not Stated	63			
Other processed food products and prepared dishes - pasta/rice salad - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Other processed food products and prepared dishes - sandwiches - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Other processed food products and prepared dishes - sandwiches - non-meat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Other processed food products and prepared dishes - sandwiches - with meat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	23			
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	19			
Sauce and dressings - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	20			

Table Campylobacter in other food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni
Sauce and dressings - mayonnaise - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Soups - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	4			
Spices and herbs - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			

	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified	Campylobacter spp., unspecified
Bakery products - cakes - at retail				
Bakery products - desserts - at retail				
Beverages, non-alcoholic - soft drinks - at retail				
Cereals and meals - at retail				
Cheeses made from goats' milk - unspecified - made from pasteurised milk - at retail				
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at retail				
Confectionery products and pastes - at retail				
Crustaceans - prawns - at retail				
Crustaceans - unspecified - cooked - at retail				
Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - at retail				

Table Campylobacter in other food

	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified	Campylobacter spp., unspecified
Egg products - non-ready-to-eat - at retail				
Egg products - ready-to-eat - at retail				
Eggs - table eggs - at retail				
Fishery products, unspecified - cooked - at retail - Surveillance				
Fishery products, unspecified - raw - at retail - Surveillance				
Fishery products, unspecified - ready-to-eat - at retail - Surveillance				
Fishery products, unspecified - ready-to-eat - chilled - at retail - Surveillance				
Fishery products, unspecified - smoked - at retail - Surveillance				
Fruits and vegetables - at retail - Surveillance				
Fruits and vegetables - products - at retail - Surveillance				
Live bivalve molluscs - oysters - at retail - Surveillance				
Meat from bovine animals - fresh - at retail - Surveillance				
Meat from bovine animals - meat products - at retail - Surveillance				
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance				

Table Campylobacter in other food

	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified	Campylobacter spp., unspecified
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance				
Meat from other animal species or not specified - meat products - at retail - Surveillance				
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at processing plant - Surveillance				
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance				
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance				1
Meat from other animal species or not specified - minced meat - intended to be eaten cooked - at retail - Surveillance				
Meat from pig - meat products - at retail - Surveillance				
Meat from pig - meat products - cooked, ready-to-eat - at processing plant - Surveillance				
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance				
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance				
Meat from sheep - meat products - at retail - Surveillance				

Table Campylobacter in other food

	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified	Campylobacter spp., unspecified
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance				
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance				
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance				
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance				
Molluscan shellfish - raw - at retail - Surveillance				
Other food - at retail (Environmental Swab)				
Other processed food products and prepared dishes - pasta/rice salad - at retail - Surveillance				
Other processed food products and prepared dishes - sandwiches - at retail - Surveillance				
Other processed food products and prepared dishes - sandwiches - non-meat - at retail - Surveillance				
Other processed food products and prepared dishes - sandwiches - with meat - at retail - Surveillance				
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance				
Sauce and dressings - at retail - Surveillance				

Table Campylobacter in other food

	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified	Campylobacter spp., unspecified
Sauce and dressings - mayonnaise - at retail - Surveillance				
Soups - ready-to-eat - at retail - Surveillance				
Spices and herbs - at retail - Surveillance				

Footnote:

* Sample Weight: Sample weight is most usually 25g but occasionally there are other sample weights recorded (range from 10g - 26g).

Table Campylobacter in poultry meat

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni
Meat from broilers (Gallus gallus) - carcase - at slaughterhouse	CVRL	Convenience sampling	Official sampling	food sample		Single	1g	68	49		
Meat from broilers (Gallus gallus) - fresh - at retail	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	291	154		3
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at processing plant	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	43			
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	192	1		
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	601	218		6
Meat from turkey - meat products - cooked, ready-to-eat - at processing plant	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	44			
Meat from duck - carcase - at slaughterhouse	CVRL	Convenience sampling	Official sampling	food sample		Single	1g	5	3		
Meat from broilers (Gallus gallus) - carcase - spent hens - at slaughterhouse	CVRL	Convenience sampling	Official sampling	food sample		Single	1g	5	5		
Meat from broilers (Gallus gallus) - meat products - at retail	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	36	13		1
Meat from duck - meat products - at retail	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			
Meat from duck - meat products - cooked, ready-to-eat - at processing plant	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	3			
Meat from duck - meat products - cooked, ready-to-eat - at retail	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	3			

Table Campylobacter in poultry meat

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni
Meat from poultry, unspecified - meat products - at processing plant	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	1			
Meat from poultry, unspecified - meat products - at retail	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	3	1		
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at processing plant	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	12			
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at retail	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1	1		
Meat from poultry, unspecified - meat products - raw but intended to be eaten cooked - at retail	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	16	7		1
Meat from turkey - meat products - at processing plant	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	7			
Meat from turkey - meat products - cooked, ready-to-eat - at retail	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	25			
Meat from turkey - meat products - raw but intended to be eaten cooked - at retail	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			

	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified	Campylobacter spp., unspecified
Meat from broilers (Gallus gallus) - carcase - at slaughterhouse				49
Meat from broilers (Gallus gallus) - fresh - at retail				151

Table Campylobacter in poultry meat

	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified	Campylobacter spp., unspecified
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at processing plant				
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail				1
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail				212
Meat from turkey - meat products - cooked, ready-to-eat - at processing plant				
Meat from duck - carcase - at slaughterhouse				3
Meat from broilers (Gallus gallus) - carcase - spent hens - at slaughterhouse				5
Meat from broilers (Gallus gallus) - meat products - at retail				12
Meat from duck - meat products - at retail				
Meat from duck - meat products - cooked, ready-to-eat - at processing plant				
Meat from duck - meat products - cooked, ready-to-eat - at retail				
Meat from poultry, unspecified - meat products - at processing plant				
Meat from poultry, unspecified - meat products - at retail				1

Table Campylobacter in poultry meat

	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified	Campylobacter spp., unspecified
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at processing plant				
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at retail				1
Meat from poultry, unspecified - meat products - raw but intended to be eaten cooked - at retail				6
Meat from turkey - meat products - at processing plant				
Meat from turkey - meat products - cooked, ready-to-eat - at retail				
Meat from turkey - meat products - raw but intended to be eaten cooked - at retail				

Footnote:

* Sample Weight: Sample weight is most usually 25g but occasionally there are other sample weights recorded (range from 10g - 26g).

2.2.3 Campylobacter in animals

Table Campylobacter in animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni	C. lari
Gallus gallus (fowl) - broilers - at slaughterhouse - Monitoring	CVRL	Unspecified	Official sampling	animal sample > caecum	Domestic	herd/flock	201	162	43	130	1
Cattle (bovine animals) - calves (under 1 year) - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	2558	263		263	
Cattle (bovine animals) - dairy cows - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	14	0			
Goats - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	5	1		1	
Pigeons - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	1	0			
Pigs - fattening pigs - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	4	1		1	
Quails - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	1	0			
Sheep - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	312	23		23	
Solipeds, domestic - horses - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	6	0			

Table Campylobacter in animals

	C. upsaliensis	Thermophilic Campylobact er spp., unspecified
Gallus gallus (fowl) - broilers - at slaughterhouse - Monitoring		
Cattle (bovine animals) - calves (under 1 year) - at farm - Clinical investigations		
Cattle (bovine animals) - dairy cows - at farm - Clinical investigations		
Goats - at farm - Clinical investigations		
Pigeons - at farm - Clinical investigations		
Pigs - fattening pigs - at farm - Clinical investigations		
Quails - at farm - Clinical investigations		
Sheep - at farm - Clinical investigations		
Solipeds, domestic - horses - at farm - Clinical investigations		

2.2.4 Antimicrobial resistance in Campylobacter isolates

Table Antimicrobial susceptibility testing of C. jejuni in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - animal sample - caecum - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

C. jejuni	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	unknown																										
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048	
Aminoglycosides - Gentamicin	1	114	0								17	43	49	5													
Aminoglycosides - Streptomycin	2	114	6											62	46	5	1										
Amphenicols - Chloramphenicol	16	114	0												109	5											
Fluoroquinolones - Ciprofloxacin	1	114	46							42	20	6			1	45											
Quinolones - Nalidixic acid	16	114	45												4	58	7		1	44							
Macrolides - Erythromycin	4	114	1										110	3					1								
Tetracyclines	2	114	56									50	4	3	1		2	54									

C. jejuni	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.12	16
Aminoglycosides - Streptomycin	1	16

Table Antimicrobial susceptibility testing of *C. jejuni* in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - animal sample - caecum - quantitative data [Dilution method]

C. jejuni Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	unknown	
	lowest	highest
Antimicrobials:		
Amphenicols - Chloramphenicol	2	32
Fluoroquinolones - Ciprofloxacin	0.06	4
Quinolones - Nalidixic acid	2	64
Macrolides - Erythromycin	0.5	32
Tetracyclines	0.25	16

Table Antimicrobial susceptibility testing of C. coli in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - animal sample - caecum - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

C. coli	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	unknown																											
Antimicrobials:	Cut-off value	N	n	<=0.002	<=0.004	0.008	0.015	0.016	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	>4096	1024	2048		
Aminoglycosides - Gentamicin	2	32	0								1	1	24	6														
Aminoglycosides - Streptomycin	4	32	1											2	25	4		1										
Amphenicols - Chloramphenicol	16	32	0												23	9												
Fluoroquinolones - Ciprofloxacin	1	32	13							9	10				1	12												
Quinolones - Nalidixic acid	32	32	14												1	11	6			14								
Macrolides - Erythromycin	16	32	1										25	5	1				1									
Tetracyclines	2	32	13									16	2		1			12	1									

C. coli	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Aminoglycosides - Gentamicin	0.12	16
Aminoglycosides - Streptomycin	1	16
Amphenicols - Chloramphenicol	2	32
Fluoroquinolones - Ciprofloxacin	0.06	4

Table Antimicrobial susceptibility testing of C. coli in Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance - Unspecified - Official sampling - animal sample - caecum - quantitative data [Dilution method]

C. coli	Gallus gallus (fowl) - broilers - unspecified - at slaughterhouse - Surveillance	
	Isolates out of a monitoring program (yes/no)	
	Number of isolates available in the laboratory	
	unknown	
Antimicrobials:	lowest	highest
Quinolones - Nalidixic acid	2	64
Macrolides - Erythromycin	0.5	32
Tetracyclines	0.25	16

Table Cut-off values used for antimicrobial susceptibility testing of *C. coli* in Animals

Test Method Used	Standard methods used for testing

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		2	
	Streptomycin		4	
Fluoroquinolones	Ciprofloxacin		1	
Macrolides	Erythromycin		16	
Tetracyclines	Tetracycline		2	

Table Cut-off values used for antimicrobial susceptibility testing of C. coli in Feed

Test Method Used		Standard methods used for testing		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		2	
	Streptomycin		4	
Fluoroquinolones	Ciprofloxacin		1	
Macrolides	Erythromycin		16	
Tetracyclines	Tetracycline		2	

Table Cut-off values used for antimicrobial susceptibility testing of C. coli in Food

Test Method Used		Standard methods used for testing		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		2	
	Streptomycin		4	
Fluoroquinolones	Ciprofloxacin		1	
Macrolides	Erythromycin		16	
Tetracyclines	Tetracycline		2	

Table Cut-off values used for antimicrobial susceptibility testing of C. jejuni in Animals

Test Method Used		Standard methods used for testing		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		1	
	Streptomycin		2	
Fluoroquinolones	Ciprofloxacin		1	
Macrolides	Erythromycin		4	
Tetracyclines	Tetracycline		2	

Table Cut-off values used for antimicrobial susceptibility testing of *C. jejuni* in Feed

Test Method Used		Standard methods used for testing		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		1	
	Streptomycin		2	
Fluoroquinolones	Ciprofloxacin		1	
Macrolides	Erythromycin		4	
Tetracyclines	Tetracycline		2	

Table Cut-off values used for antimicrobial susceptibility testing of C. jejuni in Food

Test Method Used		Standard methods used for testing		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		1	
	Streptomycin		2	
Fluoroquinolones	Ciprofloxacin		1	
Macrolides	Erythromycin		4	
Tetracyclines	Tetracycline		2	

2.3 LISTERIOSIS

2.3.1 General evaluation of the national situation

2.3.2 Listeria in foodstuffs

Table Listeria monocytogenes in milk and dairy products

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for L. monocytogenes	Units tested with detection method	Listeria monocytogenes presence in x g
Milk, goats' - pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample > milk		Batch	25g	3		3	
Dairy products (excluding cheeses) - butter - made from raw or low heat-treated milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	4		4	
Dairy products (excluding cheeses) - butter - made from pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	31		31	
Dairy products (excluding cheeses) - cream - made from pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	2		2	
Cheeses made from cows' milk - hard - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	4		3	
Cheeses made from cows' milk - soft and semi-soft - at retail - Survey - EU baseline survey	DSL	Selective sampling	Official sampling	food sample		Single	25g	1		1	
Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	24		24	

Table *Listeria monocytogenes* in milk and dairy products

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - at retail - Survey - EU baseline survey	DSL	Selective sampling	Official sampling	food sample		Single	25g	16		16	
Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1		1	
Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - at retail - Survey - EU baseline survey	DSL	Selective sampling	Official sampling	food sample		Single	25g	1		1	
Cheeses made from cows' milk - unspecified - made from pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	7		7	
Cheeses made from cows' milk - unspecified - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	4		4	
Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	4		4	
Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	1		1	
Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - at retail - Survey - EU baseline survey	DSL	Selective sampling	Official sampling	food sample		Single	25g	4		4	
Cheeses made from goats' milk - unspecified - made from pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	6		6	

Table *Listeria monocytogenes* in milk and dairy products

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Cheeses made from goats' milk - unspecified - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	9		6	
Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	12		12	
Cheeses made from sheep's milk - hard - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	4		1	
Cheeses made from sheep's milk - unspecified - made from pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	5		5	
Cheeses made from sheep's milk - unspecified - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1		1	
Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - at retail - Survey - EU baseline survey	DSL	Selective sampling	Official sampling	food sample		Single	25g	11		11	
Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	18		18	
Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2		1	
Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - at retail - Survey - EU baseline survey	DSL	Selective sampling	Official sampling	food sample		Single	25g	2		2	

Table *Listeria monocytogenes* in milk and dairy products

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Cheeses, made from unspecified milk or other animal milk - unspecified - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	7		4	
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	62	1	62	1
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	119		85	
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at processing plant - Surveillance ¹⁾	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	65	14	65	14
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			
Dairy products (excluding cheeses) - butter - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2		1	
Dairy products (excluding cheeses) - cream - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Dairy products (excluding cheeses) - cream - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	13		3	
Dairy products (excluding cheeses) - cream - made from raw or low heat-treated milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			

Table *Listeria monocytogenes* in milk and dairy products

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Dairy products (excluding cheeses) - dairy desserts - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	9	1	2	1
Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	79	1	79	1
Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	4		2	
Dairy products (excluding cheeses) - ice-cream - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	42		42	
Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	79		30	
Dairy products (excluding cheeses) - milk powder and whey powder - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	71		71	
Dairy products (excluding cheeses) - yoghurt - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	12		7	
Milk from other animal species or unspecified - UHT milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample > milk		Batch	25g	4		4	
Milk from other animal species or unspecified - pasteurised milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	88		88	

Table *Listeria monocytogenes* in milk and dairy products

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Milk from other animal species or unspecified - pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3		1	
Milk from other animal species or unspecified - raw milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Milk from other animal species or unspecified - raw milk - intended for direct human consumption - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample > milk		Batch	25g	3		3	
Milk, cows' - raw milk - intended for direct human consumption - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample > milk		Batch	25g	1		1	
Milk, goats' - raw milk - intended for direct human consumption - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample > milk		Batch	25g	3		3	

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	<i>L. monocytogenes</i> > 100 cfu/g
Milk, goats' - pasteurised milk - at processing plant - Surveillance			
Dairy products (excluding cheeses) - butter - made from raw or low heat-treated milk - at processing plant - Surveillance			
Dairy products (excluding cheeses) - butter - made from pasteurised milk - at processing plant - Surveillance			

Table *Listeria monocytogenes* in milk and dairy products

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Dairy products (excluding cheeses) - cream - made from pasteurised milk - at processing plant - Surveillance			
Cheeses made from cows' milk - hard - made from pasteurised milk - at retail - Surveillance	4		
Cheeses made from cows' milk - soft and semi-soft - at retail - Survey - EU baseline survey	1		
Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - at retail - Surveillance	24		
Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - at retail - Survey - EU baseline survey	16		
Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - at retail - Surveillance	1		
Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - at retail - Survey - EU baseline survey	1		
Cheeses made from cows' milk - unspecified - made from pasteurised milk - at processing plant - Surveillance			
Cheeses made from cows' milk - unspecified - made from pasteurised milk - at retail - Surveillance	4		
Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - at processing plant - Surveillance			

Table *Listeria monocytogenes* in milk and dairy products

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - at processing plant - Surveillance			
Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - at retail - Survey - EU baseline survey	4		
Cheeses made from goats' milk - unspecified - made from pasteurised milk - at processing plant - Surveillance			
Cheeses made from goats' milk - unspecified - made from pasteurised milk - at retail - Surveillance	9		
Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - at processing plant - Surveillance			
Cheeses made from sheep's milk - hard - made from pasteurised milk - at retail - Surveillance	4		
Cheeses made from sheep's milk - unspecified - made from pasteurised milk - at processing plant - Surveillance			
Cheeses made from sheep's milk - unspecified - made from pasteurised milk - at retail - Surveillance	1		
Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - at retail - Survey - EU baseline survey	11		

Table *Listeria monocytogenes* in milk and dairy products

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - at processing plant - Surveillance			
Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - at retail - Surveillance	2		
Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - at retail - Survey - EU baseline survey	2		
Cheeses, made from unspecified milk or other animal milk - unspecified - at retail - Surveillance	7		
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at processing plant - Surveillance			
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at retail - Surveillance	119		
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at processing plant - Surveillance ¹⁾	2	1	
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at retail - Surveillance	3		

Table *Listeria monocytogenes* in milk and dairy products

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Dairy products (excluding cheeses) - butter - made from pasteurised milk - at retail - Surveillance	2		
Dairy products (excluding cheeses) - cream - at retail - Surveillance	1		
Dairy products (excluding cheeses) - cream - made from pasteurised milk - at retail - Surveillance	13		
Dairy products (excluding cheeses) - cream - made from raw or low heat-treated milk - at retail - Surveillance	1		
Dairy products (excluding cheeses) - dairy desserts - at retail - Surveillance	9		1
Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - at processing plant - Surveillance			
Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - at retail - Surveillance	4		
Dairy products (excluding cheeses) - ice-cream - at retail - Surveillance	1		
Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - at processing plant - Surveillance			
Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - at retail - Surveillance	79		

Table *Listeria monocytogenes* in milk and dairy products

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Dairy products (excluding cheeses) - milk powder and whey powder - at processing plant - Surveillance	66		
Dairy products (excluding cheeses) - yoghurt - at retail - Surveillance	12		
Milk from other animal species or unspecified - UHT milk - at processing plant - Surveillance			
Milk from other animal species or unspecified - pasteurised milk - at processing plant - Surveillance			
Milk from other animal species or unspecified - pasteurised milk - at retail - Surveillance	2		
Milk from other animal species or unspecified - raw milk - at retail - Surveillance	3		
Milk from other animal species or unspecified - raw milk - intended for direct human consumption - at processing plant - Surveillance			
Milk, cows' - raw milk - intended for direct human consumption - at processing plant - Surveillance			
Milk, goats' - raw milk - intended for direct human consumption - at processing plant - Surveillance			

Comments:

- ¹⁾ Enumerated positive result was detected at <40 cfu/g

Table Listeria monocytogenes in milk and dairy products

Footnote:

25g* - Sample weight is most usually 25g but occasionally there are other sample weights recorded. Often the “Units tested with detection method” column and the “Units tested with the enumeration method” column do not add up to “Units tested” column. This is because some samples (units) are analysed using one method (detection OR enumeration) and some samples are analysed using both methods (Detection AND Enumeration).

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Meat from broilers (<i>Gallus gallus</i>) - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	84		84	
Meat from pig - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	153	1	153	1
Meat from bovine animals - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	109	1	109	1
Crustaceans - unspecified - cooked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	16		16	
Bakery products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	42		1	
Bakery products - bread - at retail - Surveillance	OFML	Convenience sampling	Official and industry sampling	food sample		Single	25g*	14		3	
Bakery products - cakes - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	122	1	43	1
Bakery products - desserts - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	52	1	21	1
Bakery products - pastry - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	9		4	
Beverages, alcoholic - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Beverages, non-alcoholic - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			
Beverages, non-alcoholic - soft drinks - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	14		1	
Cereals and meals - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	107		25	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Chocolate - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Cocoa and cocoa preparations, coffee and tea - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Confectionery products and pastes - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	12		1	
Crustaceans - prawns - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2		1	
Crustaceans - prawns - cooked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	11		11	
Crustaceans - prawns - cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	6		1	
Crustaceans - prawns - raw - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1		1	
Crustaceans - shrimps - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	1		1	
Crustaceans - shrimps - cooked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	1		1	
Crustaceans - shrimps - raw - frozen - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	1		1	
Crustaceans - unspecified - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	16		15	
Crustaceans - unspecified - cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	11		7	
Crustaceans - unspecified - cooked - frozen - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	11		11	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Crustaceans - unspecified - raw - frozen - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	1		1	
Egg products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Egg products - non-ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2		2	
Egg products - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	142		24	
Eggs - table eggs - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3		1	
Fish - cooked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	1		1	
Fish - cooked - chilled - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	1		1	
Fish - raw - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	7	2	7	2
Fish - smoked - at processing plant - Surveillance ¹⁾	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	182	41	182	41
Fish - smoked - cold-smoked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	2		2	
Fish - smoked - hot-smoked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	10		10	
Fish - unspecified - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	7		7	
Fish - unspecified - chilled - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	1		1	
Fishery products, unspecified - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	6		3	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Fishery products, unspecified - cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	66		12	
Fishery products, unspecified - cooked - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	8		8	
Fishery products, unspecified - non-ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	6		4	
Fishery products, unspecified - raw - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	6		4	
Fishery products, unspecified - raw - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	1		1	
Fishery products, unspecified - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	30		11	
Fishery products, unspecified - ready-to-eat - chilled - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	8			
Fishery products, unspecified - seafood pâté - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	12		12	
Fishery products, unspecified - seafood pâté - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Fishery products, unspecified - seafood pâté - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	1		1	
Fishery products, unspecified - smoked - at retail - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Single	25g	68	2	68	2
Fishery products, unspecified - smoked - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	1		1	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Fishery products, unspecified - smoked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	11		6	
Foodstuffs intended for special nutritional uses - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Fruits - products - dried - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Fruits - products - fruit purée - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Fruits and vegetables - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	480	1	101	1
Fruits and vegetables - pre-cut - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	12	1	7	1
Fruits and vegetables - pre-cut - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	185		44	
Fruits and vegetables - products - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample		Single	25g	3		3	
Fruits and vegetables - products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	405		98	
Infant formula - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Infant formula - dried - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	4		4	
Infant formula - dried - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	9		9	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Infant formula - dried - intended for infants below 6 months - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	9		9	
Infant formula - liquid - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	25g	3		3	
Infant formula - liquid - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Juice - fruit juice - pasteurised - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			
Juice - mixed juice - pasteurised - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Live bivalve molluscs - oysters - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	5		5	
Live bivalve molluscs - oysters - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2		1	
Live bivalve molluscs - unspecified - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	1		1	
Meat from bovine animals - fresh - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			
Meat from bovine animals - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	1		1	
Meat from bovine animals - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	8		4	
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	20		20	
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	189		48	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Survey - EU baseline survey	DSL	Selective sampling	Official sampling	food sample > meat		Single	25g	4		4	
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1		1	
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	1		1	
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			
Meat from bovine animals and pig - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	3		3	
Meat from bovine animals and pig - meat products - at processing plant - Surveillance (cooked, ready-to-eat)	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	7		7	
Meat from broilers (<i>Gallus gallus</i>) - fresh - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	6		1	
Meat from broilers (<i>Gallus gallus</i>) - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	1		1	
Meat from broilers (<i>Gallus gallus</i>) - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	11		3	
Meat from broilers (<i>Gallus gallus</i>) - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	36		36	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Meat from broilers (<i>Gallus gallus</i>) - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	490	2	92	1
Meat from broilers (<i>Gallus gallus</i>) - meat products - cooked, ready-to-eat - at retail - Survey - EU baseline survey	DSL	Selective sampling	Official sampling	food sample > meat		Single	25g	5		5	
Meat from broilers (<i>Gallus gallus</i>) - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Census	Official sampling	food sample > meat		Single	25g*	17		5	
Meat from deer (venison) - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	2		2	
Meat from duck - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			
Meat from duck - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	4		4	
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	10		2	
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	4		4	
Meat from other animal species or not specified - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	1		1	
Meat from other animal species or not specified - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	13		4	
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	1		1	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	114		22	
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	48		48	
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	4		1	
Meat from other animal species or not specified - minced meat - intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	2			
Meat from pig - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	17		8	
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	329	2	75	2
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	152	6	152	6
Meat from pig - meat products - cooked, ready-to-eat - at retail - Survey - EU baseline survey	DSL	Selective sampling	Official sampling	food sample > meat		Single	25g	19	1	19	1
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	7		7	
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	8		5	
Meat from poultry, unspecified - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	3		3	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	27		27	
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1			
Meat from sheep - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	5		2	
Meat from sheep - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	6		6	
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	21		7	
Meat from turkey - meat products - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	7		7	
Meat from turkey - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	52		52	
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	2		2	
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	73	1	16	1
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Survey - EU baseline survey	DSL	Selective sampling	Official sampling	food sample > meat		Single	25g	4		4	
Meat, mixed meat - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1		1	
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	12		12	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	4		4	
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	34	1	12	1
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Survey - EU baseline survey	DSL	Selective sampling	Official sampling	food sample > meat		Single	25g	1		1	
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		Single	25g*	1		1	
Molluscan shellfish - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	1		1	
Molluscan shellfish - cooked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	10		10	
Molluscan shellfish - cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	3			
Molluscan shellfish - cooked - frozen - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	2		2	
Mushrooms - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Nuts and nut products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	15			
Nuts and nut products - dried - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Nuts and nut products - roasted - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Other food - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	1		1	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Other food - at processing plant - Surveillance	VPHRL	Convenience sampling	Official sampling	food sample > meat		Single	25g	2		2	
Other food - at processing plant - Surveillance (Environmental Swab)	SFPA	Convenience sampling	Official sampling	environmental sample		Single	Not Stated	172	7	172	7
Other food - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	2			
Other food - at retail - Surveillance (Environmental Swab)	OFML	Convenience sampling	Official sampling	environmental sample		Single	Not Stated	824	3	824	3
Other processed food products and prepared dishes - noodles - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Other processed food products and prepared dishes - pasta - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	5			
Other processed food products and prepared dishes - pasta/rice salad - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	28		6	
Other processed food products and prepared dishes - sandwiches - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	12			
Other processed food products and prepared dishes - sandwiches - non-meat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	16		3	
Other processed food products and prepared dishes - sandwiches - with meat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	122	3	27	2
Other processed food products and prepared dishes - sushi - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1			
Other processed food products and prepared dishes - unspecified - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	25		1	

Table *Listeria monocytogenes* in other foods

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for <i>L. monocytogenes</i>	Units tested with detection method	<i>Listeria monocytogenes</i> presence in x g
Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > blood		Single	25g*	15		4	
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance	Cork Vet Lab	Convenience sampling	Official sampling	food sample > meat		Single	25g	3		3	
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	785	8	188	6
Potato chips - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	10			
Sauce and dressings - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	149	1	36	1
Sauce and dressings - mayonnaise - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	27		8	
Seeds, dried - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	10		2	
Seeds, sprouted - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	1		1	
Soups - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	6		1	
Soups - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	57		13	
Spices and herbs - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	134		28	
Spices and herbs - fresh - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	17		11	
Sweets - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	25g*	15		1	
Water - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Single	Not Stated	2	1	2	1

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Meat from broilers (<i>Gallus gallus</i>) - meat products - cooked, ready-to-eat - at processing plant - Surveillance			
Meat from pig - meat products - cooked, ready-to-eat - at processing plant - Surveillance			
Meat from bovine animals - meat products - cooked, ready-to-eat - at processing plant - Surveillance			
Crustaceans - unspecified - cooked - at processing plant - Surveillance			
Bakery products - at retail - Surveillance	42		
Bakery products - bread - at retail - Surveillance	14		
Bakery products - cakes - at retail - Surveillance	122	1	
Bakery products - desserts - at retail - Surveillance	51		
Bakery products - pastry - at retail - Surveillance	9		
Beverages, alcoholic - at retail - Surveillance	2		
Beverages, non-alcoholic - at retail - Surveillance	3		
Beverages, non-alcoholic - soft drinks - at retail - Surveillance	14		
Cereals and meals - at retail - Surveillance	107		
Chocolate - at retail - Surveillance	2		

Table Listeria monocytogenes in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Cocoa and cocoa preparations, coffee and tea - at retail - Surveillance	2		
Confectionery products and pastes - at retail - Surveillance	12		
Crustaceans - prawns - at retail - Surveillance	2		
Crustaceans - prawns - cooked - at processing plant - Surveillance	4		
Crustaceans - prawns - cooked - at retail - Surveillance	6		
Crustaceans - prawns - raw - at retail - Surveillance	1		
Crustaceans - shrimps - at processing plant - Surveillance			
Crustaceans - shrimps - cooked - at processing plant - Surveillance			
Crustaceans - shrimps - raw - frozen - at processing plant - Surveillance			
Crustaceans - unspecified - at processing plant - Surveillance	6		
Crustaceans - unspecified - cooked - at retail - Surveillance	11		
Crustaceans - unspecified - cooked - frozen - at processing plant - Surveillance	10		
Crustaceans - unspecified - raw - frozen - at processing plant - Surveillance			

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Egg products - at retail - Surveillance	2		
Egg products - non-ready-to-eat - at retail - Surveillance	1		
Egg products - ready-to-eat - at retail - Surveillance	140		
Eggs - table eggs - at retail - Surveillance	3		
Fish - cooked - at processing plant - Surveillance			
Fish - cooked - chilled - at processing plant - Surveillance			
Fish - raw - at processing plant - Surveillance	7		
Fish - smoked - at processing plant - Surveillance ¹⁾	62	2	3
Fish - smoked - cold-smoked - at processing plant - Surveillance			
Fish - smoked - hot-smoked - at processing plant - Surveillance	10		
Fish - unspecified - at processing plant - Surveillance	1		
Fish - unspecified - chilled - at processing plant - Surveillance			
Fishery products, unspecified - at retail - Surveillance	3		
Fishery products, unspecified - cooked - at retail - Surveillance	66		

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Fishery products, unspecified - cooked - at retail - Surveillance			
Fishery products, unspecified - non-ready-to-eat - at retail - Surveillance	2		
Fishery products, unspecified - raw - at retail - Surveillance	6		
Fishery products, unspecified - raw - at retail - Surveillance			
Fishery products, unspecified - ready-to-eat - at retail - Surveillance	30		
Fishery products, unspecified - ready-to-eat - chilled - at retail - Surveillance	8		
Fishery products, unspecified - seafood pâté - at processing plant - Surveillance			
Fishery products, unspecified - seafood pâté - at retail - Surveillance	2		
Fishery products, unspecified - seafood pâté - at retail - Surveillance			
Fishery products, unspecified - smoked - at retail - Surveillance	68		
Fishery products, unspecified - smoked - at retail - Surveillance			
Fishery products, unspecified - smoked - at retail - Surveillance	11		

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Foodstuffs intended for special nutritional uses - at retail - Surveillance	1		
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - at retail - Surveillance	1		
Fruits - products - dried - at retail - Surveillance	1		
Fruits - products - fruit purée - at retail - Surveillance	1		
Fruits and vegetables - at retail - Surveillance	479		1
Fruits and vegetables - pre-cut - at retail - Surveillance	11		
Fruits and vegetables - pre-cut - ready-to-eat - at retail - Surveillance	185		
Fruits and vegetables - products - at retail - Surveillance			
Fruits and vegetables - products - at retail - Surveillance	399		
Infant formula - at retail - Surveillance	2		
Infant formula - dried - at processing plant - Surveillance			
Infant formula - dried - at retail - Surveillance	6		
Infant formula - dried - intended for infants below 6 months - at processing plant - Surveillance			

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Infant formula - liquid - at processing plant - Surveillance			
Infant formula - liquid - at retail - Surveillance	1		
Juice - fruit juice - pasteurised - at retail - Surveillance	3		
Juice - mixed juice - pasteurised - at retail - Surveillance	1		
Live bivalve molluscs - oysters - at processing plant - Surveillance			
Live bivalve molluscs - oysters - at retail - Surveillance	2		
Live bivalve molluscs - unspecified - at processing plant - Surveillance			
Meat from bovine animals - fresh - at retail - Surveillance	1		
Meat from bovine animals - meat products - at processing plant - Surveillance			
Meat from bovine animals - meat products - at retail - Surveillance	4		
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance			
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance	188		

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Survey - EU baseline survey	4		
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance	1		
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance			
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance	1		
Meat from bovine animals and pig - meat products - at processing plant - Surveillance			
Meat from bovine animals and pig - meat products - at processing plant - Surveillance (cooked, ready-to-eat)			
Meat from broilers (<i>Gallus gallus</i>) - fresh - at retail - Surveillance	5		
Meat from broilers (<i>Gallus gallus</i>) - meat products - at processing plant - Surveillance			
Meat from broilers (<i>Gallus gallus</i>) - meat products - at retail - Surveillance	9		
Meat from broilers (<i>Gallus gallus</i>) - meat products - cooked, ready-to-eat - at retail - Surveillance			

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Meat from broilers (<i>Gallus gallus</i>) - meat products - cooked, ready-to-eat - at retail - Surveillance	488	1	
Meat from broilers (<i>Gallus gallus</i>) - meat products - cooked, ready-to-eat - at retail - Survey - EU baseline survey	5		
Meat from broilers (<i>Gallus gallus</i>) - meat products - raw but intended to be eaten cooked - at retail - Surveillance	15		
Meat from deer (venison) - meat products - cooked, ready-to-eat - at retail - Surveillance			
Meat from duck - meat products - at retail - Surveillance	1		
Meat from duck - meat products - cooked, ready-to-eat - at processing plant - Surveillance			
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance	10		
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance			
Meat from other animal species or not specified - meat products - at processing plant - Surveillance			
Meat from other animal species or not specified - meat products - at retail - Surveillance	10		
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at processing plant - Surveillance			

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance	113		
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance			
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance	4		
Meat from other animal species or not specified - minced meat - intended to be eaten cooked - at retail - Surveillance	2		
Meat from pig - meat products - at retail - Surveillance	12		
Meat from pig - meat products - cooked, ready-to- eat - at retail - Surveillance	329		
Meat from pig - meat products - cooked, ready-to- eat - at retail - Surveillance			
Meat from pig - meat products - cooked, ready-to- eat - at retail - Survey - EU baseline survey	19		
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance			
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance	8		
Meat from poultry, unspecified - meat products - at processing plant - Surveillance			

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at processing plant - Surveillance			
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at retail - Surveillance	1		
Meat from sheep - meat products - at retail - Surveillance	4		
Meat from sheep - meat products - cooked, ready-to- eat - at processing plant - Surveillance			
Meat from sheep - meat products - cooked, ready-to- eat - at retail - Surveillance	21		
Meat from turkey - meat products - at processing plant - Surveillance			
Meat from turkey - meat products - cooked, ready-to- eat - at processing plant - Surveillance			
Meat from turkey - meat products - cooked, ready-to- eat - at retail - Surveillance			
Meat from turkey - meat products - cooked, ready-to- eat - at retail - Surveillance	73		
Meat from turkey - meat products - cooked, ready-to- eat - at retail - Survey - EU baseline survey	4		
Meat, mixed meat - meat products - at retail - Surveillance	1		
Meat, mixed meat - meat products - cooked, ready- to-eat - at processing plant - Surveillance			

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance			
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance	34		
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Survey - EU baseline survey	1		
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance	1		
Molluscan shellfish - at processing plant - Surveillance			
Molluscan shellfish - cooked - at processing plant - Surveillance			
Molluscan shellfish - cooked - at retail - Surveillance	3		
Molluscan shellfish - cooked - frozen - at processing plant - Surveillance			
Mushrooms - at retail - Surveillance	2		
Nuts and nut products - at retail - Surveillance	15		
Nuts and nut products - dried - at retail - Surveillance	2		
Nuts and nut products - roasted - at retail - Surveillance	1		
Other food - at processing plant - Surveillance	1		

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but <= 100 cfu/g	L. monocytogenes > 100 cfu/g
Other food - at processing plant - Surveillance			
Other food - at processing plant - Surveillance (Environmental Swab)			
Other food - at retail - Surveillance	2		
Other food - at retail - Surveillance (Environmental Swab)	1		
Other processed food products and prepared dishes - noodles - at retail - Surveillance	1		
Other processed food products and prepared dishes - pasta - at retail - Surveillance	5		
Other processed food products and prepared dishes - pasta/rice salad - at retail - Surveillance	28		
Other processed food products and prepared dishes - sandwiches - at retail - Surveillance	12		
Other processed food products and prepared dishes - sandwiches - non-meat - at retail - Surveillance	16		
Other processed food products and prepared dishes - sandwiches - with meat - at retail - Surveillance	122	1	
Other processed food products and prepared dishes - sushi - at retail - Surveillance	1		
Other processed food products and prepared dishes - unspecified - at retail - Surveillance	24		

Table *Listeria monocytogenes* in other foods

	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogen es > 100 cfu/g
Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - at retail - Surveillance	12		
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance	3		
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance	778	2	
Potato chips - at retail - Surveillance	10		
Sauce and dressings - at retail - Surveillance	148		
Sauce and dressings - mayonnaise - at retail - Surveillance	27		
Seeds, dried - at retail - Surveillance	10		
Seeds, sprouted - ready-to-eat - at retail - Surveillance	1		
Soups - at retail - Surveillance	6		
Soups - ready-to-eat - at retail - Surveillance	57		
Spices and herbs - at retail - Surveillance	134		
Spices and herbs - fresh - at retail - Surveillance	17		
Sweets - at retail - Surveillance	15		
Water - at processing plant - Surveillance	2		

Table Listeria monocytogenes in other foods

Comments:

1) 182 units were tested. 126 were tested using just the detection method. 62 were tested using both the detection and enumeration methods. 41 units tested positive with the detection method and 5 were positive with the enumeration method.

Footnote:

25g* - Sample weight is most usually 25g but occasionally there are other sample weights recorded. Often the "Units tested with detection method" column and the "Units tested with the enumeration method" column do not add up to "Units tested" column. This is because some samples (units) are analysed using one method (detection OR enumeration) and some samples are analysed using both methods (Detection AND Enumeration).

2.3.3 Listeria in animals

Table Listeria in animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Units tested	Total units positive for Listeria	L. monocytogenes	Listeria spp., unspecified	L. ivanovii
Birds - wild - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	84	0			
Cats - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	18	0			
Cattle (bovine animals) - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	10451	72	68	3	1
Cattle (bovine animals) - dairy cows - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	942	0			
Deer - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	16	0			
Dogs - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	137	0			
Goats - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	32	0			
Pigs - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	381	0			
Rabbits - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	26	0			
Sheep - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	1568	9	6	3	
Solipeds, domestic - horses - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	168	0			

2.4 E. COLI INFECTIONS

2.4.1 General evaluation of the national situation

2.4.2 Escherichia coli, pathogenic in foodstuffs

Table VT E. coli in food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Analytical Method	Sampling unit	Sample weight	Units tested	Total units positive for Verotoxigenic E. coli (VTEC)	Verotoxigenic E. coli (VTEC) - VTEC O157
Bakery products - cakes - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Beverages, non-alcoholic - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Cereals and meals - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Egg products - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Eggs - table eggs - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Fruits and vegetables - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	14		

Table VT E. coli in food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Analytical Method	Sampling unit	Sample weight	Units tested	Total units positive for Verotoxigenic E. coli (VTEC)	Verotoxigenic E. coli (VTEC) - VTEC O157
Fruits and vegetables - pre-cut - ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	2		
Fruits and vegetables - products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	5		
Meat from bovine animals - carcase - at processing plant - Survey ¹⁾	CVRL	Convenience sampling	Official sampling	food sample > meat			Single	25g	291	3	1
Meat from bovine animals - meat preparation - intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	9		
Meat from bovine animals - meat preparation - intended to be eaten cooked - at retail - Survey - national survey ²⁾	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	564		1
Meat from bovine animals - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	2		
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	9		
Meat from bovine animals - minced meat - intended to be eaten cooked - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	6		
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	6		
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Survey - national survey ³⁾	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	419		1
Meat from broilers (Gallus gallus) - meat products - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		

Table VT E. coli in food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Analytical Method	Sampling unit	Sample weight	Units tested	Total units positive for Verotoxigenic E. coli (VTEC)	Verotoxigenic E. coli (VTEC) - VTEC O157
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	9		
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	2		
Meat from other animal species or not specified - meat products - at retail - Surveillance ⁴⁾	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	4	1	1
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	5		
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	3		
Meat from other animal species or not specified - minced meat - intended to be eaten cooked - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	7		
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample > meat		ISO 16654:2001	Single	25g	10		
Meat from sheep - carcase - at processing plant - Survey ⁵⁾	CVRL	Convenience sampling	Official sampling	food sample > meat			Single	25g	134		
Other food - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Other food - at retail - Surveillance (Environmental swab)	OFML	Convenience sampling	Official sampling	environmental sample		ISO 16654:2001	Single	25g	7		
Other processed food products and prepared dishes - pasta/rice salad - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		

Table VT E. coli in food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Analytical Method	Sampling unit	Sample weight	Units tested	Total units positive for Verotoxigenic E. coli (VTEC)	Verotoxigenic E. coli (VTEC) - VTEC O157
Other processed food products and prepared dishes - sandwiches - non-meat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Other processed food products and prepared dishes - sandwiches - with meat - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Other processed food products and prepared dishes - unspecified - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	12		
Sauce and dressings - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	2		
Seeds, dried - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		
Water - bottled water - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		ISO 16654:2001	Single	25g	1		

	Verotoxigenic E. coli (VTEC) - VTEC non-O157	Verotoxigenic E. coli (VTEC) - VTEC, unspecified	Verotoxigenic E. coli (VTEC) - VTEC O145	Verotoxigenic E. coli (VTEC) - VTEC O166	Verotoxigenic E. coli (VTEC) - VTEC O26	Verotoxigenic E. coli (VTEC) - VTEC O8	Verotoxigenic E. coli (VTEC) - VTEC, other serotypes
Bakery products - cakes - at retail - Surveillance							
Beverages, non-alcoholic - at retail - Surveillance							
Cereals and meals - at retail - Surveillance							
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at retail - Surveillance							

Table VT E. coli in food

	Verotoxigenic E. coli (VTEC) - VTEC non- O157	Verotoxigenic E. coli (VTEC) - VTEC, unspecified	Verotoxigenic E. coli (VTEC) - VTEC O145	Verotoxigenic E. coli (VTEC) - VTEC O166	Verotoxigenic E. coli (VTEC) - VTEC O26	Verotoxigenic E. coli (VTEC) - VTEC O8	Verotoxigenic E. coli (VTEC) - VTEC, other serotypes
Dairy products (excluding cheeses) - dairy products, not specified - ready-to-eat - at retail - Surveillance							
Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - at retail - Surveillance							
Egg products - ready-to-eat - at retail - Surveillance							
Eggs - table eggs - at retail - Surveillance							
Fruits and vegetables - at retail - Surveillance							
Fruits and vegetables - pre-cut - ready-to-eat - at retail - Surveillance							
Fruits and vegetables - products - at retail - Surveillance							
Meat from bovine animals - carcase - at processing plant - Survey ¹⁾					2		
Meat from bovine animals - meat preparation - intended to be eaten cooked - at retail - Surveillance							
Meat from bovine animals - meat preparation - intended to be eaten cooked - at retail - Survey - national survey ²⁾		1					3
Meat from bovine animals - meat products - at retail - Surveillance							
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance							

Table VT E. coli in food

	Verotoxigenic E. coli (VTEC) - VTEC non- O157	Verotoxigenic E. coli (VTEC) - VTEC, unspecified	Verotoxigenic E. coli (VTEC) - VTEC O145	Verotoxigenic E. coli (VTEC) - VTEC O166	Verotoxigenic E. coli (VTEC) - VTEC O26	Verotoxigenic E. coli (VTEC) - VTEC O8	Verotoxigenic E. coli (VTEC) - VTEC, other serotypes
Meat from bovine animals - minced meat - intended to be eaten cooked - Surveillance							
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance							
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Survey - national survey ³⁾			1			1	4
Meat from broilers (Gallus gallus) - meat products - at retail - Surveillance							
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance							
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail - Surveillance							
Meat from other animal species or not specified - meat products - at retail - Surveillance ⁴⁾							
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance							
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance							
Meat from other animal species or not specified - minced meat - intended to be eaten cooked - at retail - Surveillance							

Table VT E. coli in food

	Verotoxigenic E. coli (VTEC) - VTEC non- O157	Verotoxigenic E. coli (VTEC) - VTEC, unspecified	Verotoxigenic E. coli (VTEC) - VTEC O145	Verotoxigenic E. coli (VTEC) - VTEC O166	Verotoxigenic E. coli (VTEC) - VTEC O26	Verotoxigenic E. coli (VTEC) - VTEC O8	Verotoxigenic E. coli (VTEC) - VTEC, other serotypes
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance							
Meat from sheep - carcase - at processing plant - Survey ⁵⁾							
Other food - at retail - Surveillance							
Other food - at retail - Surveillance (Environmental swab)							
Other processed food products and prepared dishes - pasta/rice salad - at retail - Surveillance							
Other processed food products and prepared dishes - sandwiches - non-meat - at retail - Surveillance							
Other processed food products and prepared dishes - sandwiches - with meat - at retail - Surveillance							
Other processed food products and prepared dishes - unspecified - at retail - Surveillance							
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at retail - Surveillance							
Sauce and dressings - at retail - Surveillance							
Seeds, dried - at retail - Surveillance							
Water - bottled water - at retail - Surveillance							

Comments:

Table VT E. coli in food

Comments:

- ¹⁾ No defined analytical method: testing was conducted based on a draft standard.
- ²⁾ 1 x VTEC O157 VT2 positive; 1 x VTEC Unspecified VT1 & VT2 positive; 1 x VTEC O166 VT1 & VT2 positive; 1 x VTEC O6 VT1 positive; 1 x VTEC O149 VT1 positive
- ³⁾ 1 x VTEC O157 VT2 positive; 1 x VTEC O8 VT1 positive; 3 x VTEC O6 VT1 positive; 1 x VTEC O145 VT2 positive; 1 x VTEC O130 VT2 positive
- ⁴⁾ 1 x O157 VT2 positive
- ⁵⁾ No defined analytical method: testing was conducted based on a draft standard.

Footnote:

Methods for the analyses of VTEC: OFMLs method used is based on ISO 16654:2001. For CVRL there is no defined analytical method. Testing was conducted based on a draft standard.

2.5 TUBERCULOSIS, MYCOBACTERIAL DISEASES

2.5.1 General evaluation of the national situation

2.5.2 Mycobacterium in animals

Table Tuberculosis in other animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Units tested	Total units positive for Mycobacterium	M. bovis	M. tuberculosis	Mycobacterium spp., unspecified
Badgers - wild - at farm - Monitoring	RVL	Selective sampling	Official sampling	animal sample	Domestic	Animal	64	17	16		1
Badgers - wild - unspecified - Monitoring	CVRL	Selective sampling	Official sampling	animal sample	Domestic	Animal	2076	245	245		
Birds - unspecified - Monitoring	CVRL	Selective sampling	Official sampling	animal sample	Domestic	Animal	2	2			2
Cats - at farm - Monitoring	RVL	Selective sampling	Official sampling	animal sample	Domestic	Animal	1	0			
Cats - unspecified - Monitoring	CVRL	Selective sampling	Official sampling	animal sample	Domestic	Animal	2	0			
Deer - unspecified - Monitoring	CVRL	Selective sampling	Official sampling	animal sample	Domestic	Animal	38	20	20		
Deer - wild - at farm - Monitoring	RVL	Selective sampling	Official sampling	animal sample	Domestic	Animal	10	1	1		
Dogs - at farm - Monitoring	RVL	Selective sampling	Official sampling	animal sample	Domestic	Animal	1	0			
Dogs - unspecified - Monitoring	CVRL	Selective sampling	Official sampling	animal sample	Domestic	Animal	1	0			
Goats - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	7	0			
Goats - unspecified - Monitoring	CVRL	Selective sampling	Official sampling	animal sample	Domestic	Animal	10	0			
Other poultry - unspecified - Monitoring	CVRL	Selective sampling	Official sampling	animal sample	Domestic	Animal	5	2			2

Table Tuberculosis in other animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Units tested	Total units positive for Mycobacterium	M. bovis	M. tuberculosis	Mycobacterium spp., unspecified
Pigs - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	0	0			
Poultry, unspecified - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	5	2			
Sheep - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	1	0			
Sheep - unspecified - Monitoring	CVRL	Selective sampling	Official sampling	animal sample	Domestic	Animal	6	1	1		
Solipeds, domestic - donkeys - unspecified - Monitoring	CVRL	Selective sampling	Official sampling	animal sample	Domestic	Animal	1	1	1		
Solipeds, domestic - horses - unspecified - Monitoring	CVRL	Selective sampling	Official sampling	animal sample	Domestic	Animal	1	0			

	M. avium complex
Badgers - wild - at farm - Monitoring	
Badgers - wild - unspecified - Monitoring	
Birds - unspecified - Monitoring	
Cats - at farm - Monitoring	
Cats - unspecified - Monitoring	
Deer - unspecified - Monitoring	
Deer - wild - at farm - Monitoring	
Dogs - at farm - Monitoring	

Table Tuberculosis in other animals

	M. avium complex
Dogs - unspecified - Monitoring	
Goats - at farm - Clinical investigations	
Goats - unspecified - Monitoring	
Other poultry - unspecified - Monitoring	
Pigs - at farm - Clinical investigations	
Poultry, unspecified - at farm - Clinical investigations	2
Sheep - at farm - Clinical investigations	
Sheep - unspecified - Monitoring	
Solipeds, domestic - donkeys - unspecified - Monitoring	
Solipeds, domestic - horses - unspecified - Monitoring	

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

If present, the row "Total -1" refers to analogous data of the previous year.

Region	Total number of herds	Total number of herds under the programme	Number of herds checked	Number of positive herds	Number of new positive herds	Number of herds depopulated	% positive herds depopulated	Indicators		
								% herd coverage	% positive herds Period herd prevalence	% new positive herds Herd Incidence
Ireland	116061	116061	114333	5002	4780	7	.14	98.51	4.37	4.18
Total : ¹⁾	116061	116061	114333	5002	4780	7	.14	98.51	4.37	4.18
Total - 1	116815	116815	114011	5520	5304	28	.51	97.6	4.84	4.65

Comments:

¹⁾ N.A.

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

If present, the row "Total -1" refers to analogous data of the previous year.

Region	Total number of animals	Number of animals to be tested under the programme	Number of animals tested	Number of animals tested individually	Number of positive animals	Slaughtering		Indicators	
						Number of animals with positive result slaughtered or culled	Total number of animals slaughtered	% coverage at animal level	% positive animals - animal prevalence
Ireland	5819281	5819281	5732558	5732558	18531	18531	19364	98.51	.32
Total : ¹⁾	5819281	5819281	5732558	5732558	18531	18531	19364	98.51	.32
Total - 1	5751564	5751564	5613505	5613505	20211	20211	21544	97.6	.36

Comments:

¹⁾ N.A.

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

If present, the row "Total -1" refers to analogous data of the previous year.

	Status of herds and animals under the programme													
	Total number of herds and animals under the programme		Unknown		Not free or not officially free				Free or officially free suspended		Free		Officially free	
					Last check positive		Last check negative							
Region	Herds	Animals	Herds	Animals	Herds	Animals	Herds	Animals	Herds	Animals	Herds	Animals	Herds	Animals
Ireland	116061	5819281	0	0	1383	176510	1195	131131	277	31248	0	0	113206	5480392
Total : ¹⁾	116061	5819281	0	0	1383	176510	1195	131131	277	31248	0	0	113206	5480392
Total - 1	116815	5751564	0	0	1617	181689	1232	123519	263	27207	0	0	112293	5366688

Comments:

¹⁾ N.A.

2.6 BRUCELLOSIS

2.6.1 General evaluation of the national situation

2.6.2 Brucella in animals

Table Brucellosis in other animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Units tested	Total units positive for Brucella	B. abortus	B. melitensis	B. suis
Alpacas - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	1	0			
Cattle (bovine animals) - calves (under 1 year) - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample > foetus/stillbirth	Domestic	Animal	2730	0			
Pigs - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	2	0			
Rodents - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	1	0			
Sheep - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	6	0			
Solipeds, domestic - horses - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	4	0			

	Brucella spp., unspecified
Alpacas - at farm - Clinical investigations	

Table Brucellosis in other animals

	Brucella spp., unspecified
Cattle (bovine animals) - calves (under 1 year) - at farm - Clinical investigations	
Pigs - at farm - Clinical investigations	
Rodents - at farm - Clinical investigations	
Sheep - at farm - Clinical investigations	
Solipeds, domestic - horses - at farm - Clinical investigations	

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

If present, the row "Total -1" refers to analogous data of the previous year.

Region	Total number of existing		Officially free herds		Infected herds		Surveillance			Investigations of suspect cases				
	Herds	Animals	Number of herds	%	Number of herds	%	Number of herds tested	Number of animals tested	Number of infected herds	Number of animals tested with serological blood tests	Number of animals positive serologically	Number of animals examined microbiologically	Number of animals positive microbiologically	Number of suspended herds
Ireland	36000	3388000	36000	100	0	0	900	17812	0	0	0	0	0	0
Total : ¹⁾	36000	3388000	36000	100	0	0	900	17812	0	0	0	0	0	0

Comments:

¹⁾ N.A.

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

If present, the row "Total -1" refers to analogous data of the previous year.

	Total number of existing bovine		Officially free herds		Infected herds		Surveillance						Investigations of suspect cases								
							Serological tests			Examination of bulk milk			Information about			Epidemiological investigation					
	Herds	Animals	Number of herds	%	Number of herds	%	Number of bovine herds tested	Number of animals tested	Number of infected herds	Number of bovine herds tested	Number of animals or pools tested	Number of infected herds	Number of notified abortions whatever cause	Number of isolations of Brucella infection	Number of abortions due to Brucella abortus	Number of animals tested with serological blood tests	Number of suspended herds	Number of positive animals		Number of animals examined microbio logically	Number of animals positive microbio logically
Region																		Sero logically	BST		
Ireland	116061	5828014	116061	100	0	0	59025	2030375	0	20662	197794	0	2589	0	0	308	29	0	0	15	0
Total : ¹⁾	116061	5828014	116061	100	0	0	59025	2030375	0	20662	197794	0	2589	0	0	308	29	0	0	15	0

Comments:

¹⁾ N.A.

Footnote:
197,794 pooled bulk milk samples were tested

2.7 YERSINIOSIS

2.7.1 General evaluation of the national situation

2.7.2 Yersinia in animals

Table Yersinia in animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Units tested	Total units positive for Yersinia	Y. enterocolitica	Y. pseudotuberculosis	Yersinia spp., unspecified
Cats - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	18	0			
Cattle (bovine animals) - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	11679	3		2	1
Dogs - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	137	0			
Goats - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	32	0			
Pigs - breeding animals - unspecified - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	16	0			
Pigs - fattening pigs - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	365	0			
Rabbits - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	1	1		1	
Rodents - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	1	1		1	
Sheep - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	1568	0			
Solipeds, domestic - horses - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample	Domestic	Animal	168	0			

Table Yersinia in animals

	Y. enterocolitica - O:3	Y. enterocolitica - O:9	Y. enterocolitica - unspecified
Cats - at farm - Clinical investigations			
Cattle (bovine animals) - at farm - Clinical investigations			
Dogs - at farm - Clinical investigations			
Goats - at farm - Clinical investigations			
Pigs - breeding animals - unspecified - at farm - Clinical investigations			
Pigs - fattening pigs - at farm - Clinical investigations			
Rabbits - at farm - Clinical investigations			
Rodents - at farm - Clinical investigations			
Sheep - at farm - Clinical investigations			
Solipeds, domestic - horses - at farm - Clinical investigations			

2.8 TRICHINELLOSIS

2.8.1 General evaluation of the national situation

2.8.2 Trichinella in animals

Table Trichinella in animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Units tested	Total units positive for Trichinella	T. spiralis	Trichinella spp., unspecified
Pigs - fattening pigs	DAFM	Census	Industry sampling	animal sample		Animal	2751046	0		
Pigs - breeding animals	DAFM	Census	Industry sampling	animal sample		Animal	87077	0		
Solipeds, domestic - horses - at slaughterhouse - Surveillance	DAFM	Census	Industry sampling	animal sample		Animal	7296	0		
Foxes - Monitoring	RVLs	Convenience sampling	Official sampling	animal sample		Animal	499	4	4	
Pigs - at slaughterhouse - Surveillance	VPHRL	Convenience sampling	Official sampling	animal sample		Animal	3700	0		
Solipeds, domestic - at slaughterhouse - Surveillance	VPHRL	Convenience sampling	Official sampling	animal sample		Animal	140	0		

2.9 ECHINOCOCCOSIS

2.9.1 General evaluation of the national situation

2.9.2 Echinococcus in animals

Table Echinococcus in animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Region	Units tested	Total units positive for Echinococcus	E. granulosus	E. multilocularis
Foxes - Monitoring	RVLs	Convenience sampling	Official sampling	animal sample		Animal	Ireland	326	0		
	Echinococcus spp., unspecified										
Foxes - Monitoring											

2.10 TOXOPLASMOSIS

2.10.1 General evaluation of the national situation

2.10.2 Toxoplasma in animals

Table Toxoplasma in animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Analytical Method	Sampling unit	Units tested	Total units positive for Toxoplasma	T. gondii	Toxoplasma spp., unspecified
Sheep - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample > blood	Domestic	Microbiological tests	Animal	1012	103	103	
Goats - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample > blood	Domestic	Microbiological tests	Animal	11	0		
Cats - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample > blood	Domestic	Microbiological tests	Animal	1	0		
Cattle (bovine animals) - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample > blood	Domestic	Microbiological tests	Animal	32	0		
Solipeds, domestic - horses - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample > blood	Domestic	Microbiological tests	Animal	3	0		

2.11 RABIES

2.11.1 General evaluation of the national situation

2.11.2 Lyssavirus (rabies) in animals

Table Rabies in animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Region	Units tested	Total units positive for Lyssavirus (rabies)	Rabies virus (RABV)	EBLV-1
Cattle (bovine animals)								0			
Sheep								0			
Goats								0			
Pigs								0			
Solipeds, domestic								0			
Dogs - stray dogs								0			
Cats - stray cats								0			
Bats - wild - Monitoring								0			

	EBLV-2	Lyssavirus (unspecified virus)
Cattle (bovine animals)		

Table Rabies in animals

	EBLV-2	Lyssavirus (unspecified virus)
Sheep		
Goats		
Pigs		
Solipeds, domestic		
Dogs - stray dogs		
Cats - stray cats		
Bats - wild - Monitoring		

2.12.1 General evaluation of the national situation

2.12.2 Staphylococcus in animals

Table Staphylococcus in Animals

[illegible]

Table Staphylococcus in Animals

	S. aureus, meticillin resistant (MRSA) - spa -type t108	S. aureus, meticillin resistant (MRSA) - spa -type t034	S. aureus, meticillin resistant (MRSA) - MRSA, unspecified	Staphylococ- cus spp., unspecified
Gallus gallus (fowl) - at farm - Clinical investigations				24
Goats - at farm - Clinical investigations				4
Pigs - at farm - Clinical investigations				7
Sheep - at farm - Clinical investigations				18
Turkeys - at farm - Clinical investigations				4

2.13 Q-FEVER

2.13.1 General evaluation of the national situation

2.13.2 Coxiella (Q-fever) in animals

Table Coxiella burnetii (Q fever) in animals

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Analytical Method	Sampling unit	Units tested	Total units positive for Coxiella (Q-fever)	C. burnetii	No of clinically affected herds
Cattle (bovine animals) - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample > blood	Domestic	ELISA	Animal	272	28	28	
Sheep - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample > placental swab	Domestic	ELISA	Animal	29	0	0	
Goats - at farm - Clinical investigations	RVL	Suspect sampling	Industry sampling	animal sample > placental swab	Domestic	ELISA	Animal	1	0	0	

3. INFORMATION ON SPECIFIC INDICATORS OF ANTIMICROBIAL RESISTANCE

3.1 ESCHERICHIA COLI, NON-PATHOGENIC

3.1.1 General evaluation of the national situation

3.1.2 Antimicrobial resistance in Escherichia coli, non-pathogenic

Table Antimicrobial susceptibility testing of E.coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers - Monitoring - quantitative data
[Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

E.coli, non-pathogenic, unspecified	Gallus gallus (fowl) - broilers - Monitoring																							
	yes																							
	154																							
Antimicrobials:	Cut-off value	N	n	≤0.008	0.015	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	1024	2048	>2048	lowest highest
Aminoglycosides - Gentamicin	2	154	4						3	104	40	3	1		3									
Aminoglycosides - Kanamycin	8	154	5										144	5	1		2	2						
Aminoglycosides - Streptomycin	16	154	70										17	60	7	15	27	28						
Amphenicols - Chloramphenicol	16	154	8									1	59	83	3	2	6							
Amphenicols - Florfenicol	16	154	0									1	101	49	3									
Cephalosporins - Cefotaxime	0.25	154	6				130	17	1		2		4											
Fluoroquinolones - Ciprofloxacin	0.03	154	60	8	70	16	7	4	36	6	1			6										
Penicillins - Ampicillin	8	154	99								2	35	18			99								
Quinolones - Nalidixic acid	16	155	57										98			3	54							
Sulfonamides	256	154	91											19	26	18					91			
Tetracyclines - Tetracycline	8	154	78								9	62	5			5	73							
Trimethoprim	2	154	69							83	1	1				69								
Cephalosporins - Ceftazidim	0.5	154	7						141	6	1		1	2	3									

Table Antimicrobial susceptibility testing of E.coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers - Monitoring - quantitative data
[Dilution method]

Table Cut-off values used for antimicrobial susceptibility testing of Escherichia coli, non-pathogenic in Animals

Test Method Used	Standard methods used for testing
Broth dilution	EUCAST

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin	EFSA	2	
	Kanamycin		8	
	Streptomycin	EFSA	16	
Amphenicols	Chloramphenicol	EFSA	16	
	Florfenicol		16	
Cephalosporins	Cefotaxime	EFSA	0.25	
	Ceftazidim		0.5	
Fluoroquinolones	Ciprofloxacin	EFSA	0.03	
Penicillins	Ampicillin	EFSA	8	
Quinolones	Nalidixic acid	EFSA	16	
Sulfonamides	Sulfonamides	EFSA	256	
Tetracyclines	Tetracycline	EFSA	8	
Trimethoprim	Trimethoprim	EFSA	2	

Table Cut-off values used for antimicrobial susceptibility testing of Escherichia coli, non-pathogenic in Animals

Table Cut-off values used for antimicrobial susceptibility testing of *Escherichia coli*, non-pathogenic in Feed

Test Method Used	Standard methods used for testing

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		2	
	Streptomycin		16	
Amphenicols	Chloramphenicol		16	
Cephalosporins	Cefotaxime		0.25	
Fluoroquinolones	Ciprofloxacin		0.03	
Penicillins	Ampicillin		8	
Quinolones	Nalidixic acid		16	
Sulfonamides	Sulfonamides		256	
Tetracyclines	Tetracycline		8	
Trimethoprim	Trimethoprim		2	

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Test Method Used		Standard methods used for testing		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		2	
	Streptomycin		16	
Amphenicols	Chloramphenicol		16	
Cephalosporins	Cefotaxime		0.25	
Fluroquinolones	Ciprofloxacin		0.03	
Penicillins	Ampicillin		8	
Quinolones	Nalidixic acid		16	
Sulfonamides	Sulfonamides		256	
Tetracyclines	Tetracycline		8	
Trimethoprim	Trimethoprim		2	

3.2 ENTEROCOCCUS, NON-PATHOGENIC

3.2.1 General evaluation of the national situation

3.2.2 Antimicrobial resistance in Enterococcus, non-pathogenic isolates

Table Antimicrobial susceptibility testing of *E. faecalis* in *Gallus gallus* (fowl) - broilers - Monitoring - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to

E. faecalis	Gallus gallus (fowl) - broilers - Monitoring																										
	yes																										
	100																										
Antimicrobials:	Cut-off value	N	n	<=0.008	0.015	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	1024	2048	>2048	lowest	highest		
Aminoglycosides - Gentamicin	32	100	1										1	76	22				1								
Aminoglycosides - Streptomycin	512	100	47													1	25	24	3		47						
Amphenicols - Chloramphenicol	32	100	2							1		1	6	87	3		2										
Penicillins - Ampicillin	4	100	0							2	43	53	2														
Tetracyclines - Tetracycline	4	100	84						1	9	6				1	7	76										
Glycopeptides (Cyclic peptides, Polypeptides) - Vancomycin	4	101	2								7	58	34		1			1									
Macrolides - Erythromycin	4	100	79							11	5	4	1		2	2	75										

Table Antimicrobial susceptibility testing of E. faecium in Gallus gallus (fowl) - broilers - Monitoring - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
E. faecium		Gallus gallus (fowl) - broilers - Monitoring																									
		Isolates out of a monitoring program (yes/no)																									
		Number of isolates available in the laboratory																									
Antimicrobials:		Cut-off value	N	n	<=0.008	0.015	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	1024	2048	>2048	lowest	highest	
Aminoglycosides - Gentamicin		32	123	1										5	32	73	12			1							
Aminoglycosides - Streptomycin		128	123	49													6	58	10	2	5	42					
Amphenicols - Chloramphenicol		32	123	0									1	31	70	13	8										
Penicillins - Ampicillin		4	123	92								7	16	8	34	20	38										
Tetracyclines - Tetracycline		4	123	102							16	5			2	4		96									
Glycopeptides (Cyclic peptides, Polypeptides) - Vancomycin		4	122	0								85	27	10													
Macrolides - Erythromycin		4	123	51							46	11	9	6	4	1		46									

Table Cut-off values for antibiotic resistance of *E. faecalis* in Animals

Test Method Used		Standard methods used for testing		
Broth dilution		EUCAST		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin	EFSA	32	
	Streptomycin	EFSA	512	
	Kanamycin		512	
Amphenicols	Chloramphenicol	EFSA	32	
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin	EFSA	4	
Macrolides	Erythromycin	EFSA	4	
Oxazolidines	Linezolid	EFSA	4	
Penicillins	Ampicillin	EFSA	4	
Streptogramins	Quinupristin/Dalfopristin	EFSA	32	
Tetracyclines	Tetracycline	NON-EFSA	4	

Table Cut-off values for antibiotic resistance of *E. faecalis* in Feed

Test Method Used		Standard methods used for testing		
			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		32	
	Streptomycin		512	
Amphenicols	Chloramphenicol		32	
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin		4	
Macrolides	Erythromycin		4	
Oxazolidines	Linezolid		4	
Penicillins	Ampicillin		4	
Streptogramins	Quinupristin/Dalfopristin		32	
Tetracyclines	Tetracycline		2	

Table Cut-off values for antibiotic resistance of *E. faecalis* in Food

Test Method Used		Standard methods used for testing		
			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		32	
	Streptomycin		512	
Amphenicols	Chloramphenicol		32	
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin		4	
Macrolides	Erythromycin		4	
Oxazolidines	Linezolid		4	
Penicillins	Ampicillin		4	
Streptogramins	Quinupristin/Dalfopristin		32	
Tetracyclines	Tetracycline		2	

Table Cut-off values for antibiotic resistance of *E. faecium* in Animals

Test Method Used		Standard methods used for testing		
Broth dilution		EUCAST		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin	EFSA	32	
	Streptomycin	EFSA	128	
	Kanamycin		512	
Amphenicols	Chloramphenicol	EFSA	32	
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin	EFSA	4	
Macrolides	Erythromycin	EFSA	4	
Oxazolidines	Linezolid	EFSA	4	
Penicillins	Ampicillin	EFSA	4	
Streptogramins	Quinupristin/Dalfopristin	EFSA	1	
Tetracyclines	Tetracycline	NON-EFSA	4	

Table Cut-off values for antibiotic resistance of *E. faecium* in Feed

Test Method Used		Standard methods used for testing		
			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		32	
	Streptomycin		128	
Amphenicols	Chloramphenicol		32	
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin		4	
Macrolides	Erythromycin		4	
Oxazolidines	Linezolid		4	
Penicillins	Ampicillin		4	
Streptogramins	Quinupristin/Dalfopristin		1	
Tetracyclines	Tetracycline		2	

Table Cut-off values for antibiotic resistance of *E. faecium* in Food

Test Method Used		Standard methods used for testing		
			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Gentamicin		32	
	Streptomycin		128	
Amphenicols	Chloramphenicol		32	
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin		4	
Macrolides	Erythromycin		4	
Oxazolidines	Linezolid		4	
Penicillins	Ampicillin		4	
Streptogramins	Quinupristin/Dalfopristin		1	
Tetracyclines	Tetracycline		2	

4. INFORMATION ON SPECIFIC MICROBIOLOGICAL AGENTS

4.1 ENTEROBACTER SAKAZAKII

4.1.1 General evaluation of the national situation

4.1.2 Cronobacter in foodstuffs

Table Enterobacter sakazakii in food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Cronobacter	Cronobacter spp, unspecified
Infant formula - at retail - Surveillance	OFML	Convenience sampling	Official sampling	food sample		Single	10g	1		
Infant formula - dried - intended for infants below 6 months - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	10g	32		

4.2 HISTAMINE

4.2.1 General evaluation of the national situation

4.2.2 Histamine in foodstuffs

Table Histamine in food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units in non-conformity	<= 100 mg/kg	>100 - <= 200 mg/kg
Fish - smoked - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Batch	Not Stated	3		3	
Fish - unspecified - at processing plant - Surveillance	SFPA	Convenience sampling	Official sampling	food sample		Batch	Not Stated	24	1	23	1
										>200 - <= 400 mg/kg	> 400 mg/kg
Fish - smoked - at processing plant - Surveillance											
Fish - unspecified - at processing plant - Surveillance											

4.3 STAPHYLOCOCCAL ENTEROTOXINS

4.3.1 General evaluation of the national situation

4.3.2 Staphylococcal enterotoxins in foodstuffs

Table Staphylococcal enterotoxins in food

	Source of information	Sampling strategy	Sampler	Sample type	Sample Origin	Sampling unit	Sample weight	Units tested	Total units positive for Staphylococcal enterotoxins
Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	Not Stated	1	
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at processing plant - Surveillance	DSL	Convenience sampling	Official sampling	food sample		Batch	Not Stated	10	

5. FOODBORNE

Foodborne outbreaks are incidences of two or more human cases of the same disease or infection where the cases are linked or are probably linked to the same food source. Situation, in which the observed human cases exceed the expected number of cases and where a same food source is suspected, is also indicative of a foodborne outbreak.

A. Foodborne outbreaks

System in place for identification, epidemiological investigations and reporting of foodborne outbreaks

National web based system for reporting outbreaks of all human infectious disease (notifiable and non-notifiable). Case based data can be linked to individual outbreaks.

Description of the types of outbreaks covered by the reporting:

Outbreaks of all human infectious disease (notifiable and non-notifiable). Case based data can be linked to individual outbreaks.

National evaluation of the reported outbreaks in the country:

Descriptions of single outbreaks of special interest

Outbreaks of special interest during 2010:

Salmonellosis outbreak associated with raw milk -

<http://www.lenus.ie/hse/bitstream/10147/129538/4/iss5salmonella.pdf>

Salmonellosis outbreak associated with duck eggs -

<http://www.lenus.ie/hse/bitstream/10147/129310/1/iss4duckegg.pdf>

Control measures or other actions taken to improve the situation

Control measures resulting from Salmonellosis outbreak in duck eggs:

a. Production of "Code of Practice for Duck Table Egg Producers"

<http://www.agriculture.gov.ie/farmingsectors/poultry/> DAFF. 2010.

b. Production of "Guidelines for Producers of Small Quantities of Duck Eggs (Backyard Flocks)"

http://www.fsai.ie/uploadedFiles/Food_Businesses/Topics_of_Interest_to_Food_Businesses/Guidance%20for%20producers%20of%20small%20quantities%20of%20duck%20eggs%20%20Final%20%202013%20Sept%202010.pdf DAFF. 2010.

c. Production of "The Diseases of Animals Act 1966 (Control of Salmonella in Ducks) Order 2010 (S.I. No. 565 of 2010)."

<http://www.agriculture.gov.ie/media/migration/legislation/statutoryinstruments2010/SI5652010.pdf>

d. FSAI issued point of sale notice

e. SafeFood to develop further communication for public

Table Foodborne Outbreaks: summarised data

	Weak evidence or no vehicle outbreaks				Strong evidence Number of Outbreaks	Total number of outbreaks
	Number of outbreaks	Human cases	Hospitalized	Deaths		
Salmonella - S. Typhimurium	1	3	2	0	0	1
Salmonella - S. Enteritidis	0	unknown	unknown	unknown	0	0
Salmonella - Other serovars	2	14	0	0	1	3
Campylobacter	0	unknown	unknown	unknown	0	0
Listeria - Listeria monocytogenes	0	unknown	unknown	unknown	0	0
Listeria - Other Listeria	0	unknown	unknown	unknown	0	0
Yersinia	0	unknown	unknown	unknown	0	0
Escherichia coli, pathogenic - Verotoxigenic E. coli (VTEC)	5	15	1	0	3	8
Bacillus - B. cereus	0	unknown	unknown	unknown	0	0
Bacillus - Other Bacillus	0	unknown	unknown	unknown	0	0
Staphylococcal enterotoxins	0	unknown	unknown	unknown	0	0
Clostridium - Cl. botulinum	0	unknown	unknown	unknown	0	0
Clostridium - Cl. perfringens	0	unknown	unknown	unknown	0	0

	Weak evidence or no vehicle outbreaks				Strong evidence Number of Outbreaks	Total number of outbreaks
	Number of outbreaks	Human cases	Hospitalized	Deaths		
Clostridium - Other Clostridia	0	unknown	unknown	unknown	0	0
Other Bacterial agents - Brucella	0	unknown	unknown	unknown	0	0
Other Bacterial agents - Shigella	0	unknown	unknown	unknown	0	0
Other Bacterial agents - Other Bacterial agents	0	unknown	unknown	unknown	0	0
Parasites - Trichinella	0	unknown	unknown	unknown	0	0
Parasites - Giardia	0	unknown	unknown	unknown	0	0
Parasites - Cryptosporidium	4	13	1	0	0	4
Parasites - Anisakis	0	unknown	unknown	unknown	0	0
Parasites - Other Parasites	0	unknown	unknown	unknown	0	0
Viruses - Norovirus	0	unknown	unknown	unknown	0	0
Viruses - Hepatitis viruses	0	unknown	unknown	unknown	0	0
Viruses - Other Viruses	0	unknown	unknown	unknown	0	0
Other agents - Histamine	0	unknown	unknown	unknown	0	0
Other agents - Marine biotoxins	0	unknown	unknown	unknown	0	0
Other agents - Other Agents	0	unknown	unknown	unknown	0	0

Unknown agent

Weak evidence or no vehicle outbreaks				Strong evidence Number of Outbreaks	Total number of outbreaks
Number of outbreaks	Human cases	Hospitalized	Deaths		
2	40	0	0	0	2

Table Foodborne Outbreaks: detailed data for Escherichia coli, pathogenic

Please use CTRL for multiple selection fields

Verotoxigenic E. coli (VTEC) - VTEC O157

Value

FBO Code	2649
Number of outbreaks	1
Number of human cases	3
Number of hospitalisations	unknown
Number of deaths	unknown
Food vehicle	Tap water, including well water
More food vehicle information	
Nature of evidence	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans
Outbreak type	Household / domestic kitchen
Setting	Household / domestic kitchen
Place of origin of problem	Unknown
Origin of food vehicle	Unknown
Contributory factors	Unknown
Mixed Outbreaks (Other Agent)	
Additional information	

Verotoxigenic E. coli (VTEC) - VTEC O157

Value

FBO Code	2518
Number of outbreaks	1
Number of human cases	20
Number of hospitalisations	7
Number of deaths	0
Food vehicle	Tap water, including well water
More food vehicle information	Group water scheme, ground water
Nature of evidence	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans
Outbreak type	General
Setting	Disseminated cases
Place of origin of problem	Unknown
Origin of food vehicle	Unknown
Contributory factors	Other contributory factor
Mixed Outbreaks (Other Agent)	
Additional information	Private group water scheme from ground water source suspected to have been contaminated with animal faeces.

Verotoxigenic E. coli (VTEC) - VTEC O157

Value

FBO Code	2363
Number of outbreaks	1
Number of human cases	2
Number of hospitalisations	0
Number of deaths	unknown
Food vehicle	Tap water, including well water
More food vehicle information	
Nature of evidence	Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans
Outbreak type	Household / domestic kitchen
Setting	Household / domestic kitchen
Place of origin of problem	Unknown
Origin of food vehicle	Unknown
Contributory factors	Unknown
Mixed Outbreaks (Other Agent)	
Additional information	

Table Foodborne Outbreaks: detailed data for Salmonella

Please use CTRL for multiple selection fields

S. Heidelberg

Value

FBO Code	2543
Number of outbreaks	1
Number of human cases	10
Number of hospitalisations	2
Number of deaths	0
Food vehicle	Mixed food
More food vehicle information	
Nature of evidence	Descriptive epidemiological evidence
Outbreak type	General
Setting	Aircraft, ship, train
Place of origin of problem	Unknown
Origin of food vehicle	Unknown
Contributory factors	Unknown
Mixed Outbreaks (Other Agent)	
Additional information	Also analytical evidence from cohort study. International outbreak with 24 cases in total and 5 hospitalised. Figures submitted in this file relate to Irish cases only (ie 10 ill and 2 hospitalised). Other cases were also detected from Netherlands, Norway, Canada and US.