

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 2010

INFORMATION ON THE REPORTING AND MONITORING SYSTEM

Country: Ireland

Reporting Year:

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)
DAFF	Department of Agriculture Fisheries and Food	Samples taken at DAFF approved processing plants and submitted to a DAFF official laboratory for Salmonella analysis
VPHRL	Veterinary Public Health Regulatory Laboratory	Samples taken at processing plants and submitted to the VPHRL (DAFF official laboratory) for analysis (Salmonella, Listeria monocytogenes and some Campylobacter)

INFORMATION ON THE REPORTING AND MONITORING SYSTEM

Laboratory name	Description	Contribution
CVRL	Central Veterinary Research Laboratory (DAFF official laboratory) Laboratories approved by the Department of Agriculture, Fisheries and Food (DAFF)	Samples taken at processing plants and submitted to DAFF 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.
DAFF Regional Veterinary Laboratories (RVLs)	DAFF 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 2010 .

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)			14285		1694826			
	- in total			1717996		5825851		106332	
	unspecified (Local Authority Slaughterplants)			74004					
Deer	farmed - in total			2488					
Ducks	meat production flocks	40						30	
	- in total	40						30	
Gallus gallus (fowl)	broilers	600		77538516		10552036		274	
	laying hens	239		1995000		2212257		247	
	parent breeding flocks for meat production line	120		842230		1200000		83	
	grandparent breeding flocks for meat production line	18		89162		119922		7	
	- in total	977		80464908		14084215		611	
Geese	meat production flocks	45		40000		15000		30	
	- in total	45		40000		15000			

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*
Goats	- in total	414		235		8565			
Pigs	breeding animals					6663	2009	14	2009
	fattening pigs			2548226		145708	2009	114	2009
	mixed herds					1143795	2009	325	2009
	- in total			2689003		1296166	2009	453	2009
	- unspecified (Local Authority Slaughterplants)			58014					
	breeding animals - unspecified - boars			1208					
	breeding animals - unspecified - sows			81555					
Sheep	animals over 1 year					2268008			
	animals under 1 year (lambs)					843611			
	- in total	35779		2383132					
Solipeds, domestic	horses - in total			8918					
Turkeys	parent breeding flocks	14		12350		13000		5	
	meat production flocks	103		788294		1081079		45	

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*
Turkeys	- in total	117		800644		1094079		50	
Poultry, unspecified	- unspecified (Local Authority Slaughterplants)			11340					

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 unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Blockley	S. Brandenburg
Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls	CVRL	Single	25g	99	7						
Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls	CVRL	Single	25g	310	19				8		
Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls	CVRL	Single	25g	6	0						
Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls	CVRL	Single	25g	15	1						
Meat from broilers (Gallus gallus) - fresh - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	5141	145			5	6	1	2
Meat from broilers (Gallus gallus) - fresh - at retail - Surveillance - official controls	OFML	Single	Various *	9	0						

Table Salmonella in poultry meat and products thereof

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Blockley	S. Brandenburg
Meat from broilers (Gallus gallus) - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	42	0						
Meat from broilers (Gallus gallus) - meat products - at retail - Surveillance - official controls	OFML	Single	Various *	8	0						
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	151	0						
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various *	1080	0						
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	1343	0						
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls	CMCL	Single	25g	153	0						
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various *	58	0						
Meat from duck - carcass - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls	CVRL	Single	25g	10	4						2
Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls	CVRL	Single	25g	12	5						2

Table Salmonella in poultry meat and products thereof

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Blockley	S. Brandenburg
Meat from duck - fresh - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	124	58			10			
Meat from duck - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	23	0						
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various *	18	0						
Meat from duck - meat products - raw and intended to be eaten raw - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	10	0						
Meat from duck - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						
Meat from guinea fowl - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						
Meat from poultry, unspecified - fresh - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	12	0						
Meat from poultry, unspecified - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	4	0						
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	30	0						
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						

Table Salmonella in poultry meat and products thereof

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Blockley	S. Brandenburg
Meat from poultry, unspecified - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls	CMCL	Single	25g	28	0						
Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls	CVRL	Single	25g	8	1						
Meat from turkey - fresh - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	189	0						
Meat from turkey - fresh - at processing plant - Surveillance - official controls	CMCL	Single	25g	5	0						
Meat from turkey - fresh - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						
Meat from turkey - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	1	0						
Meat from turkey - meat products - at retail - Surveillance - official controls	OFML	Single	Various *	2	0						
Meat from turkey - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	31	0						
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various *	175	0						
Meat from turkey - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	103	0						

Table Salmonella in poultry meat and products thereof

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Blockley	S. Brandenburg
Meat from turkey - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						
	S. Bredeney	S. Dublin	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Mbandaka	S. Minnesota	S. Newport	S. Paratyphi B	S. Saintpaul
Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls				7							
Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls	1			10							
Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls											
Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls				1							
Meat from broilers (Gallus gallus) - fresh - at processing plant - Surveillance - HACCP and own checks			1	99	1	1	1	1	2	3	6
Meat from broilers (Gallus gallus) - fresh - at retail - Surveillance - official controls											
Meat from broilers (Gallus gallus) - meat products - at processing plant - Surveillance - official controls											

Table Salmonella in poultry meat and products thereof

	S. Bredeney	S. Dublin	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Mbandaka	S. Minnesota	S. Newport	S. Paratyphi B	S. Saintpaul
Meat from broilers (Gallus gallus) - meat products - at retail - Surveillance - official controls											
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks											
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from duck - carcass - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls				1							
Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls											
Meat from duck - fresh - at processing plant - Surveillance - HACCP and own checks											

Table Salmonella in poultry meat and products thereof

	S. Bredeney	S. Dublin	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Mbandaka	S. Minnesota	S. Newport	S. Paratyphi B	S. Saintpaul
Meat from duck - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from duck - meat products - raw and intended to be eaten raw - at processing plant - Surveillance - HACCP and own checks											
Meat from duck - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from guinea fowl - at retail - Surveillance - official controls											
Meat from poultry, unspecified - fresh - at processing plant - Surveillance - HACCP and own checks											
Meat from poultry, unspecified - meat products - at processing plant - Surveillance - official controls											
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from poultry, unspecified - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											

Table Salmonella in poultry meat and products thereof

	S. Bredeney	S. Dublin	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Mbandaka	S. Minnesota	S. Newport	S. Paratyphi B	S. Saintpaul
Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls											
Meat from turkey - fresh - at processing plant - Surveillance - HACCP and own checks											
Meat from turkey - fresh - at processing plant - Surveillance - official controls											
Meat from turkey - fresh - at retail - Surveillance - official controls											
Meat from turkey - meat products - at processing plant - Surveillance - official controls											
Meat from turkey - meat products - at retail - Surveillance - official controls											
Meat from turkey - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from turkey - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks											
Meat from turkey - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											

Table Salmonella in poultry meat and products thereof

	S. Schwarzengrund	S. Senftenberg	S. Typhimurium - DT 104	S. Typhimurium - DT 12	S. Typhimurium - DT 120 low	S. Typhimurium - DT 193	S. Typhimurium - DT 30	S. Typhimurium - DT 8	S. Typhimurium, monophasic - U 311	S. Virchow
Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls										
Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls										
Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls										
Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls										
Meat from broilers (Gallus gallus) - fresh - at processing plant - Surveillance - HACCP and own checks	1	1		1	2	2			2	7
Meat from broilers (Gallus gallus) - fresh - at retail - Surveillance - official controls										
Meat from broilers (Gallus gallus) - meat products - at processing plant - Surveillance - official controls										
Meat from broilers (Gallus gallus) - meat products - at retail - Surveillance - official controls										
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls										

Table Salmonella in poultry meat and products thereof

	S. Schwarzengrund	S. Senftenberg	S. Typhimurium - DT 104	S. Typhimurium - DT 12	S. Typhimurium - DT 120 low	S. Typhimurium - DT 193	S. Typhimurium - DT 30	S. Typhimurium - DT 8	S. Typhimurium, monophasic - U 311	S. Virchow
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls										
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks										
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls										
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls										
Meat from duck - carcass - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls	1									
Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls	3									
Meat from duck - fresh - at processing plant - Surveillance - HACCP and own checks							2	46		
Meat from duck - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls										
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls										

Table Salmonella in poultry meat and products thereof

	S. Schwarzengrund	S. Senftenberg	S. Typhimurium - DT 104	S. Typhimurium - DT 12	S. Typhimurium - DT 120 low	S. Typhimurium - DT 193	S. Typhimurium - DT 30	S. Typhimurium - DT 8	S. Typhimurium, monophasic - U 311	S. Virchow
Meat from duck - meat products - raw and intended to be eaten raw - at processing plant - Surveillance - HACCP and own checks										
Meat from duck - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls										
Meat from guinea fowl - at retail - Surveillance - official controls										
Meat from poultry, unspecified - fresh - at processing plant - Surveillance - HACCP and own checks										
Meat from poultry, unspecified - meat products - at processing plant - Surveillance - official controls										
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls										
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls										
Meat from poultry, unspecified - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls										
Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls										1
Meat from turkey - fresh - at processing plant - Surveillance - HACCP and own checks										

Table Salmonella in poultry meat and products thereof

	S. Schwarzengrund	S. Senftenberg	S. Typhimurium - DT 104	S. Typhimurium - DT 12	S. Typhimurium - DT 120 low	S. Typhimurium - DT 193	S. Typhimurium - DT 30	S. Typhimurium - DT 8	S. Typhimurium, monophasic - U 311	S. Virchow
Meat from turkey - fresh - at processing plant - Surveillance - official controls										
Meat from turkey - fresh - at retail - Surveillance - official controls										
Meat from turkey - meat products - at processing plant - Surveillance - official controls										
Meat from turkey - meat products - at retail - Surveillance - official controls										
Meat from turkey - meat products - cooked, ready-to- -eat - at processing plant - Surveillance - official controls										
Meat from turkey - meat products - cooked, ready-to- -eat - at retail - Surveillance - official controls										
Meat from turkey - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks										
Meat from turkey - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls										

Footnote:

*Various - Sample weight ranges from 10g – 25.99g

Table Salmonella in milk and dairy products

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Altona	S. Chandans
Cheeses made from cows' milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls	OFML	Single	Various*	2	0						
Cheeses made from goats' milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls	OFML	Single	Various *	19	0						
Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - at retail - Surveillance - official controls	OFML	Single	Various *	2	0						
Cheeses, made from unspecified milk or other animal milk - unspecified - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls	OFML	Single	Various *	91	0						
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at processing plant - Surveillance - official controls	DSL	Batch	25g	110	0						
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at retail - Surveillance - official controls	OFML	Single	Various *	36	0						
Dairy products (excluding cheeses) - at retail - Surveillance - official controls	OFML	Single	Various *	172	0						

Table Salmonella in milk and dairy products

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Altona	S. Chandans
Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - at processing plant - Surveillance - official controls	DSL	Batch	25g	162	0						
Dairy products (excluding cheeses) - dairy products, not specified - made from raw or low heat-treated milk - at processing plant - Surveillance - official controls	DSL	Batch	25g	3	0						
Dairy products (excluding cheeses) - milk powder and whey powder - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	10768	0						
Dairy products (excluding cheeses) - milk powder and whey powder - at processing plant - Surveillance - official controls	DSL	Batch	25g	77	0						
Dairy products, unspecified - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	7648	0						
Egg products - non-ready-to-eat - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	2262	0						
Egg products - ready-to-eat - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	23	0						
Eggs - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	17	2		2				
Eggs - table eggs - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	36	0						
Infant formula - at retail - Surveillance - official controls	OFML	Single	Various *	3	0						

Table Salmonella in milk and dairy products

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Altona	S. Chandans
Infant formula - dried - at processing plant - Surveillance - official controls	DSL	Batch	25g	14	0						
Infant formula - dried - at retail - Surveillance - official controls	OFML	Single	Various *	17	0						
Infant formula - dried - intended for infants below 6 months - at processing plant - Surveillance - official controls	DSL	Batch	25g	24	0						
Infant formula - liquid - at processing plant - Surveillance - official controls	DSL	Batch	25g	2	0						
Milk from other animal species or unspecified - pasteurised - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	914	0						
Milk from other animal species or unspecified - pasteurised - at processing plant - Surveillance - official controls	DSL	Batch	25g	1	0						
Milk from other animal species or unspecified - pasteurised - at retail - Surveillance - official controls	OFML	Single	Various *	6	0						
Milk from other animal species or unspecified - raw - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	4	2						
Milk from other animal species or unspecified - raw - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						
Milk from other animal species or unspecified - raw - intended for direct human consumption - at processing plant - Surveillance - official controls	DSL	Batch	25g	7	0						

Table Salmonella in milk and dairy products

	S. Dublin	S. Marseille
Cheeses made from cows' milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls		
Cheeses made from goats' milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls		
Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - at retail - Surveillance - official controls		
Cheeses, made from unspecified milk or other animal milk - unspecified - at retail - Surveillance - official controls		
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls		
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at processing plant - Surveillance - official controls		
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at retail - Surveillance - official controls		
Dairy products (excluding cheeses) - at retail - Surveillance - official controls		

Table Salmonella in milk and dairy products

	S. Dublin	S. Marseille
Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - at processing plant - Surveillance - official controls		
Dairy products (excluding cheeses) - dairy products, not specified - made from raw or low heat-treated milk - at processing plant - Surveillance - official controls		
Dairy products (excluding cheeses) - milk powder and whey powder - at processing plant - Surveillance - HACCP and own checks		
Dairy products (excluding cheeses) - milk powder and whey powder - at processing plant - Surveillance - official controls		
Dairy products, unspecified - at processing plant - Surveillance - HACCP and own checks		
Egg products - non-ready-to-eat - at processing plant - Surveillance - HACCP and own checks		
Egg products - ready-to-eat - at processing plant - Surveillance - HACCP and own checks		
Eggs - at processing plant - Surveillance - HACCP and own checks		
Eggs - table eggs - at processing plant - Surveillance - HACCP and own checks		
Infant formula - at retail - Surveillance - official controls		

Table Salmonella in milk and dairy products

	S. Dublin	S. Marseille
Infant formula - dried - at processing plant - Surveillance - official controls		
Infant formula - dried - at retail - Surveillance - official controls		
Infant formula - dried - intended for infants below 6 months - at processing plant - Surveillance - official controls		
Infant formula - liquid - at processing plant - Surveillance - official controls		
Milk from other animal species or unspecified - pasteurised - at processing plant - Surveillance - HACCP and own checks		
Milk from other animal species or unspecified - pasteurised - at processing plant - Surveillance - official controls		
Milk from other animal species or unspecified - pasteurised - at retail - Surveillance - official controls		
Milk from other animal species or unspecified - raw - at processing plant - Surveillance - HACCP and own checks	2	
Milk from other animal species or unspecified - raw - at retail - Surveillance - official controls		
Milk from other animal species or unspecified - raw - intended for direct human consumption - at processing plant - Surveillance - official controls		

Table Salmonella in milk and dairy products

Footnote:

*Various - Sample weight ranges from 10g – 25.99g

Table Salmonella in other food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Altona	S. Blockley
Bakery products - at retail - Surveillance - official controls	OFML	Single	Various *	427	0						
Beverages, alcoholic - at retail - Surveillance - official controls	OFML	Single	Various *	17	0						
Beverages, non-alcoholic - at retail - Surveillance - official controls	OFML	Single	Various *	21	0						
Cereals and meals - at retail - Surveillance - official controls	OFML	Single	Various *	229	0						
Confectionery products and pastes - at retail - Surveillance - official controls	OFML	Single	Various *	45	0						
Crustaceans - prawns - at processing plant - Surveillance - official controls	SFPA	Single	not stated	1	0						
Crustaceans - shrimps - at processing plant - Surveillance - official controls	SFPA	Single	not stated	2	0						
Crustaceans - unspecified - at processing plant - Surveillance - official controls	SFPA	Single	not stated	32	0						
Crustaceans - unspecified - cooked - at retail - Surveillance - official controls	OFML	Single	Various *	19	0						
Crustaceans - unspecified - raw - at retail - Surveillance - official controls	OFML	Single	Various *	3	0						
Egg products - at retail - Surveillance - official controls	OFML	Single	Various *	308	0						
Eggs - table eggs - at retail - Surveillance - official controls	OFML	Single	Various *	33	2		2				

Table Salmonella in other food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Altona	S. Blockley
Fats and oils (excluding butter) - at retail - Surveillance - official controls	OFML	Single	Various *	5	0						
Fish - at processing plant - Surveillance - official controls	SFPA	Single	not stated	4	0						
Fish - at processing plant - environmental sample - Surveillance - official controls	SFPA	Single	not stated	126	0						
Fish - raw - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	370	0						
Fish - smoked - at processing plant - Surveillance - official controls	SFPA	Single	not stated	29	0						
Fishery products, unspecified - at retail - Surveillance - official controls	OFML	Single	Various *	6	0						
Fishery products, unspecified - cooked - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	990	0						
Fishery products, unspecified - cooked - at retail - Surveillance - official controls	OFML	Single	Various *	317	0						
Fishery products, unspecified - raw - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	156	0						
Fishery products, unspecified - raw - at retail - Surveillance - official controls	OFML	Single	Various *	58	0						
Fishery products, unspecified - smoked - at processing plant - Surveillance - official controls	SFPA	Single	not stated	6	0						
Fishery products, unspecified - smoked - at retail - Surveillance - official controls	OFML	Single	Various *	10	0						

Table Salmonella in other food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Altona	S. Blockley
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						
Fruits and vegetables - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	2419	0						
Fruits and vegetables - at retail - Surveillance - official controls	OFML	Single	Various *	222	0						
Fruits and vegetables - precut - at retail - Surveillance - official controls	OFML	Single	Various *	22	0						
Fruits and vegetables - products - at retail - Surveillance - official controls	OFML	Single	Various *	154	0						
Juice - at retail - Surveillance - official controls	OFML	Single	Various *	18	0						
Live bivalve molluscs - mussels - at processing plant - Surveillance - official controls	SFPA	Single	not stated	16	0						
Live bivalve molluscs - oysters - at processing plant - Surveillance - official controls	SFPA	Single	not stated	22	0						
Meat from other animal species or not specified - fresh - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	1982	14			6			
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	920	4			3			
Molluscan shellfish - at processing plant - Surveillance - official controls	SFPA	Single	not stated	3	0						

Table Salmonella in other food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Altona	S. Blockley
Molluscan shellfish - cooked - at processing plant - Surveillance - official controls	SFPA	Single	not stated	9	0						
Molluscan shellfish - cooked - at retail - Surveillance - official controls	OFML	Single	Various *	3	0						
Molluscan shellfish - raw - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	209	0						
Molluscan shellfish - raw - at retail - Surveillance - official controls	OFML	Single	Various *	3	0						
Mushrooms - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	222	0						
Mushrooms - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						
Nuts and nut products - at retail - Surveillance - official controls	OFML	Single	Various *	579	0						
Other food - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	5905	4					1	
Other food - at retail - Surveillance - official controls	OFML	Single	Various *	32	0						
Other food - at retail - environmental sample - Surveillance - official controls	OFML	Single	Various *	199	0						
Other processed food products and prepared dishes - at retail - Surveillance - official controls	OFML	Single	Various *	1655	0						
Other processed food products and prepared dishes - sandwiches - at retail - Surveillance - official controls	OFML	Single	Various *	185	0						

Table Salmonella in other food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Altona	S. Blockley
Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	4375	0						
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	7100	2		1	1			
Other products of animal origin - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	271	2			1			
Sauce and dressings - at retail - Surveillance - official controls	OFML	Single	Various *	228	0						
Sauce and dressings - mayonnaise - at retail - Surveillance - official controls	OFML	Single	Various *	47	0						
Seeds, dried - at retail - Surveillance - official controls	OFML	Single	Various *	341	3				1	1	
Soups - at retail - Surveillance - official controls	OFML	Single	Various *	80	0						
Spices and herbs - at retail - Surveillance - official controls	OFML	Single	Various *	28	1						
Water - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	not stated	4	0						
Water - at processing plant - Surveillance - official controls	SFPA	Single	not stated	2	0						
Water - potable water - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	not stated	142	0						

Table Salmonella in other food

	S. Bovismorbificans	S. Brandenburg	S. Bredeney	S. Chandans	S. Derby	S. Dublin	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Marseille
Bakery products - at retail - Surveillance - official controls											
Beverages, alcoholic - at retail - Surveillance - official controls											
Beverages, non-alcoholic - at retail - Surveillance - official controls											
Cereals and meals - at retail - Surveillance - official controls											
Confectionery products and pastes - at retail - Surveillance - official controls											
Crustaceans - prawns - at processing plant - Surveillance - official controls											
Crustaceans - shrimps - at processing plant - Surveillance - official controls											
Crustaceans - unspecified - at processing plant - Surveillance - official controls											
Crustaceans - unspecified - cooked - at retail - Surveillance - official controls											
Crustaceans - unspecified - raw - at retail - Surveillance - official controls											
Egg products - at retail - Surveillance - official controls											
Eggs - table eggs - at retail - Surveillance - official controls											

Table Salmonella in other food

	S. Bovismorbificans	S. Brandenburg	S. Bredeney	S. Chandans	S. Derby	S. Dublin	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Marseille
Fats and oils (excluding butter) - at retail - Surveillance - official controls											
Fish - at processing plant - Surveillance - official controls											
Fish - at processing plant - environmental sample - Surveillance - official controls											
Fish - raw - at processing plant - Surveillance - HACCP and own checks											
Fish - smoked - at processing plant - Surveillance - official controls											
Fishery products, unspecified - at retail - Surveillance - official controls											
Fishery products, unspecified - cooked - at processing plant - Surveillance - HACCP and own checks											
Fishery products, unspecified - cooked - at retail - Surveillance - official controls											
Fishery products, unspecified - raw - at processing plant - Surveillance - HACCP and own checks											
Fishery products, unspecified - raw - at retail - Surveillance - official controls											
Fishery products, unspecified - smoked - at processing plant - Surveillance - official controls											
Fishery products, unspecified - smoked - at retail - Surveillance - official controls											

Table Salmonella in other food

	S. Bovismorbific ans	S. Brandenburg	S. Bredeney	S. Chandans	S. Derby	S. Dublin	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Marseille
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - at retail - Surveillance - official controls											
Fruits and vegetables - at processing plant - Surveillance - HACCP and own checks											
Fruits and vegetables - at retail - Surveillance - official controls											
Fruits and vegetables - pre-cut - at retail - Surveillance - official controls											
Fruits and vegetables - products - at retail - Surveillance - official controls											
Juice - at retail - Surveillance - official controls											
Live bivalve molluscs - mussels - at processing plant - Surveillance - official controls											
Live bivalve molluscs - oysters - at processing plant - Surveillance - official controls											
Meat from other animal species or not specified - fresh - at processing plant - Surveillance - HACCP and own checks	1				1	4					
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks			1								
Molluscan shellfish - at processing plant - Surveillance - official controls											

Table Salmonella in other food

	S. Bovismorbificans	S. Brandenburg	S. Bredeney	S. Chandans	S. Derby	S. Dublin	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Marseille
Molluscan shellfish - cooked - at processing plant - Surveillance - official controls											
Molluscan shellfish - cooked - at retail - Surveillance - official controls											
Molluscan shellfish - raw - at processing plant - Surveillance - HACCP and own checks											
Molluscan shellfish - raw - at retail - Surveillance - official controls											
Mushrooms - at processing plant - Surveillance - HACCP and own checks											
Mushrooms - at retail - Surveillance - official controls											
Nuts and nut products - at retail - Surveillance - official controls											
Other food - at processing plant - Surveillance - HACCP and own checks											
Other food - at retail - Surveillance - official controls											
Other food - at retail - environmental sample - Surveillance - official controls											
Other processed food products and prepared dishes - at retail - Surveillance - official controls											
Other processed food products and prepared dishes - sandwiches - at retail - Surveillance - official controls											

Table Salmonella in other food

	S. Bovismorbific ans	S. Brandenburg	S. Bredeney	S. Chandans	S. Derby	S. Dublin	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Marseille
Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - at processing plant - Surveillance - HACCP and own checks											
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at processing plant - Surveillance - HACCP and own checks											
Other products of animal origin - at processing plant - Surveillance - HACCP and own checks						1					
Sauce and dressings - at retail - Surveillance - official controls											
Sauce and dressings - mayonnaise - at retail - Surveillance - official controls											
Seeds, dried - at retail - Surveillance - official controls											1
Soups - at retail - Surveillance - official controls											
Spices and herbs - at retail - Surveillance - official controls				1							
Water - at processing plant - Surveillance - HACCP and own checks											
Water - at processing plant - Surveillance - official controls											
Water - potable water - at processing plant - Surveillance - HACCP and own checks											

Table Salmonella in other food

	S. Mbandaka	S. Minnesota	S. Montevideo	S. Newport	S. Paratyphi B	S. Saintpaul	S. Schwarzengrund	S. Senftenberg	S. Typhimurium - DT 193	S. Typhimurium, monophasic	S. Virchow
Bakery products - at retail - Surveillance - official controls											
Beverages, alcoholic - at retail - Surveillance - official controls											
Beverages, non-alcoholic - at retail - Surveillance - official controls											
Cereals and meals - at retail - Surveillance - official controls											
Confectionery products and pastes - at retail - Surveillance - official controls											
Crustaceans - prawns - at processing plant - Surveillance - official controls											
Crustaceans - shrimps - at processing plant - Surveillance - official controls											
Crustaceans - unspecified - at processing plant - Surveillance - official controls											
Crustaceans - unspecified - cooked - at retail - Surveillance - official controls											
Crustaceans - unspecified - raw - at retail - Surveillance - official controls											
Egg products - at retail - Surveillance - official controls											
Eggs - table eggs - at retail - Surveillance - official controls											

Table Salmonella in other food

	S. Mbandaka	S. Minnesota	S. Montevideo	S. Newport	S. Paratyphi B	S. Saintpaul	S. Schwarzengrund	S. Senftenberg	S. Typhimurium - DT 193	S. Typhimurium, monophasic	S. Virchow
Fats and oils (excluding butter) - at retail - Surveillance - official controls											
Fish - at processing plant - Surveillance - official controls											
Fish - at processing plant - environmental sample - Surveillance - official controls											
Fish - raw - at processing plant - Surveillance - HACCP and own checks											
Fish - smoked - at processing plant - Surveillance - official controls											
Fishery products, unspecified - at retail - Surveillance - official controls											
Fishery products, unspecified - cooked - at processing plant - Surveillance - HACCP and own checks											
Fishery products, unspecified - cooked - at retail - Surveillance - official controls											
Fishery products, unspecified - raw - at processing plant - Surveillance - HACCP and own checks											
Fishery products, unspecified - raw - at retail - Surveillance - official controls											
Fishery products, unspecified - smoked - at processing plant - Surveillance - official controls											
Fishery products, unspecified - smoked - at retail - Surveillance - official controls											

Table Salmonella in other food

	S. Mbandaka	S. Minnesota	S. Montevideo	S. Newport	S. Paratyphi B	S. Saintpaul	S. Schwarzengrund	S. Senftenberg	S. Typhimurium - DT 193	S. Typhimurium, monophasic	S. Virchow
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - at retail - Surveillance - official controls											
Fruits and vegetables - at processing plant - Surveillance - HACCP and own checks											
Fruits and vegetables - at retail - Surveillance - official controls											
Fruits and vegetables - pre-cut - at retail - Surveillance - official controls											
Fruits and vegetables - products - at retail - Surveillance - official controls											
Juice - at retail - Surveillance - official controls											
Live bivalve molluscs - mussels - at processing plant - Surveillance - official controls											
Live bivalve molluscs - oysters - at processing plant - Surveillance - official controls											
Meat from other animal species or not specified - fresh - at processing plant - Surveillance - HACCP and own checks	1								1		
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks											
Molluscan shellfish - at processing plant - Surveillance - official controls											

Table Salmonella in other food

	S. Mbandaka	S. Minnesota	S. Montevideo	S. Newport	S. Paratyphi B	S. Saintpaul	S. Schwarzengrund	S. Senftenberg	S. Typhimurium - DT 193	S. Typhimurium, monophasic	S. Virchow
Molluscan shellfish - cooked - at processing plant - Surveillance - official controls											
Molluscan shellfish - cooked - at retail - Surveillance - official controls											
Molluscan shellfish - raw - at processing plant - Surveillance - HACCP and own checks											
Molluscan shellfish - raw - at retail - Surveillance - official controls											
Mushrooms - at processing plant - Surveillance - HACCP and own checks											
Mushrooms - at retail - Surveillance - official controls											
Nuts and nut products - at retail - Surveillance - official controls											
Other food - at processing plant - Surveillance - HACCP and own checks			2	1							
Other food - at retail - Surveillance - official controls											
Other food - at retail - environmental sample - Surveillance - official controls											
Other processed food products and prepared dishes - at retail - Surveillance - official controls											
Other processed food products and prepared dishes - sandwiches - at retail - Surveillance - official controls											

Table Salmonella in other food

	S. Mbandaka	S. Minnesota	S. Montevideo	S. Newport	S. Paratyphi B	S. Saintpaul	S. Schwarzengrund	S. Senftenberg	S. Typhimurium - DT 193	S. Typhimurium, monophasic	S. Virchow
Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - at processing plant - Surveillance - HACCP and own checks											
Other processed food products and prepared dishes - unspecified - ready-to-eat foods - at processing plant - Surveillance - HACCP and own checks											
Other products of animal origin - at processing plant - Surveillance - HACCP and own checks											
Sauce and dressings - at retail - Surveillance - official controls											
Sauce and dressings - mayonnaise - at retail - Surveillance - official controls											
Seeds, dried - at retail - Surveillance - official controls											
Soups - at retail - Surveillance - official controls											
Spices and herbs - at retail - Surveillance - official controls											
Water - at processing plant - Surveillance - HACCP and own checks											
Water - at processing plant - Surveillance - official controls											
Water - potable water - at processing plant - Surveillance - HACCP and own checks											

Table Salmonella in other food

Footnote:

*Various - Sample weight ranges from 10g – 25.99g

Table Salmonella in red meat and products thereof

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Blockley	S. Brandenburg
Meat from sheep - fresh - at processing plant	CVRL	Single	25g	1586	9			2			
Meat from bovine animals - fresh - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	20630	47	3		14			
Meat from bovine animals - fresh - at processing plant - Surveillance - official controls	CMCL	Single	25g	62	0						
Meat from bovine animals - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	112	0						
Meat from bovine animals - meat products - at retail - Surveillance - official controls	OFML	Single	Various *	3	0						
Meat from bovine animals - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	114	0						
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various *	517	0						
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	6560	6						
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls	CMCL	Single	25g	123	0						
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various *	44	0						
Meat from bovine animals - minced meat - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						

Table Salmonella in red meat and products thereof

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Blockley	S. Brandenburg
Meat from bovine animals - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls	CMCL	Single	25g	28	0						
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various *	10	0						
Meat from bovine animals and pig - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	26	0						
Meat from horse - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						
Meat from other animal species or not specified - meat products - at retail - Surveillance - official controls	OFML	Single	Various *	3	0						
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various *	372	0						
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various *	35	0						
Meat from other animal species or not specified - minced meat - at retail - Surveillance - official controls	OFML	Single	Various *	2	0						
Meat from pig - fresh - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	4298	123			27	4		2
Meat from pig - fresh - at processing plant - Surveillance - official controls	CMCL	Single	25g	25	0						

Table Salmonella in red meat and products thereof

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Blockley	S. Brandenburg
Meat from pig - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	107	2		1				
Meat from pig - meat products - at retail - Surveillance - official controls	OFML	Single	Various *	6	0						
Meat from pig - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	177	0						
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various *	803	0						
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	4886	72			44			1
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls	CMCL	Single	25g	168	0						
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various *	18	0						
Meat from pig - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls	CMCL	Single	25g	2	0						
Meat from sheep - fresh - at processing plant - Surveillance - official controls	CMCL	Single	25g	29	0						
Meat from sheep - fresh - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						
Meat from sheep - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	3	0						

Table Salmonella in red meat and products thereof

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Blockley	S. Brandenburg
Meat from sheep - meat products - at retail - Surveillance - official controls	OFML	Single	Various *	1	0						
Meat from sheep - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	15	0						
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various *	70	0						
Meat from sheep - meat products - raw and intended to be eaten raw - at processing plant - Surveillance - HACCP and own checks	CVRL	Single	25g	295	2						
Meat from sheep - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls	CMCL	Single	25g	4	1						
Meat from sheep - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various *	3	0						
Meat from sheep - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls	CMCL	Single	25g	8	0						
Meat from sheep - offal - at processing plant - Surveillance - official controls	CMCL	Single	25g	4	0						
Meat, mixed meat - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	10	0						
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	22	0						

Table Salmonella in red meat and products thereof

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified	S. Agona	S. Blockley	S. Brandenburg
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various *	52	0						
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls	CMCL	Single	25g	3	0						
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various *	5	0						
Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various *	2	0						
Other food - at processing plant - Surveillance - official controls	CMCL	Single	25g	22	0						
	S. Bredeney	S. Colindale	S. Derby	S. Dublin	S. Give	S. Goldcoast	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Mbandaka
Meat from sheep - fresh - at processing plant				2							
Meat from bovine animals - fresh - at processing plant - Surveillance - HACCP and own checks				26							
Meat from bovine animals - fresh - at processing plant - Surveillance - official controls											
Meat from bovine animals - meat products - at processing plant - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Bredeney	S. Colindale	S. Derby	S. Dublin	S. Give	S. Goldcoast	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Mbandaka
Meat from bovine animals - meat products - at retail - Surveillance - official controls											
Meat from bovine animals - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks			2	1							
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from bovine animals - minced meat - at retail - Surveillance - official controls											
Meat from bovine animals - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from bovine animals and pig - meat products - at processing plant - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Bredeney	S. Colindale	S. Derby	S. Dublin	S. Give	S. Goldcoast	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Mbandaka
Meat from horse - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from other animal species or not specified - meat products - at retail - Surveillance - official controls											
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from other animal species or not specified - minced meat - at retail - Surveillance - official controls											
Meat from pig - fresh - at processing plant - Surveillance - HACCP and own checks	2		7	2	1	1		1		1	
Meat from pig - fresh - at processing plant - Surveillance - official controls											
Meat from pig - meat products - at processing plant - Surveillance - official controls	1										
Meat from pig - meat products - at retail - Surveillance - official controls											
Meat from pig - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Bredeney	S. Colindale	S. Derby	S. Dublin	S. Give	S. Goldcoast	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Mbandaka
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks	1	3	3	1			1	1			
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from pig - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from sheep - fresh - at processing plant - Surveillance - official controls											
Meat from sheep - fresh - at retail - Surveillance - official controls											
Meat from sheep - meat products - at processing plant - Surveillance - official controls											
Meat from sheep - meat products - at retail - Surveillance - official controls											
Meat from sheep - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Bredeney	S. Colindale	S. Derby	S. Dublin	S. Give	S. Goldcoast	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Mbandaka
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from sheep - meat products - raw and intended to be eaten raw - at processing plant - Surveillance - HACCP and own checks				2							
Meat from sheep - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls				1							
Meat from sheep - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from sheep - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from sheep - offal - at processing plant - Surveillance - official controls											
Meat, mixed meat - meat products - at processing plant - Surveillance - official controls											
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Bredeney	S. Colindale	S. Derby	S. Dublin	S. Give	S. Goldcoast	S. Infantis	S. Kentucky	S. Livingstone	S. London	S. Mbandaka
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Other food - at processing plant - Surveillance - official controls											
	S. Minnesota	S. Newport	S. Ohio	S. Paratyphi B	S. Rissen	S. Saintpaul	S. Schwarzengrund	S. Senftenberg	S. Stanley	S. Typhimurium - DT 104	S. Typhimurium - DT 104b
Meat from sheep - fresh - at processing plant											4
Meat from bovine animals - fresh - at processing plant - Surveillance - HACCP and own checks				1						1	
Meat from bovine animals - fresh - at processing plant - Surveillance - official controls											
Meat from bovine animals - meat products - at processing plant - Surveillance - official controls											
Meat from bovine animals - meat products - at retail - Surveillance - official controls											
Meat from bovine animals - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Minnesota	S. Newport	S. Ohio	S. Paratyphi B	S. Rissen	S. Saintpaul	S. Schwarzengr und	S. Senftenberg	S. Stanley	S. Typhimurium - DT 104	S. Typhimurium - DT 104b
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks											
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from bovine animals - minced meat - at retail - Surveillance - official controls											
Meat from bovine animals - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from bovine animals and pig - meat products - at processing plant - Surveillance - official controls											
Meat from horse - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Minnesota	S. Newport	S. Ohio	S. Paratyphi B	S. Rissen	S. Saintpaul	S. Schwarzengr und	S. Senftenberg	S. Stanley	S. Typhimurium - DT 104	S. Typhimurium - DT 104b
Meat from other animal species or not specified - meat products - at retail - Surveillance - official controls											
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from other animal species or not specified - minced meat - at retail - Surveillance - official controls											
Meat from pig - fresh - at processing plant - Surveillance - HACCP and own checks					2				1	3	11
Meat from pig - fresh - at processing plant - Surveillance - official controls											
Meat from pig - meat products - at processing plant - Surveillance - official controls											
Meat from pig - meat products - at retail - Surveillance - official controls											
Meat from pig - meat products - cooked, ready-to- eat - at processing plant - Surveillance - official controls											
Meat from pig - meat products - cooked, ready-to- eat - at retail - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Minnesota	S. Newport	S. Ohio	S. Paratyphi B	S. Rissen	S. Saintpaul	S. Schwarzengr und	S. Senftenberg	S. Stanley	S. Typhimurium - DT 104	S. Typhimurium - DT 104b
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks			1							1	5
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from pig - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from sheep - fresh - at processing plant - Surveillance - official controls											
Meat from sheep - fresh - at retail - Surveillance - official controls											
Meat from sheep - meat products - at processing plant - Surveillance - official controls											
Meat from sheep - meat products - at retail - Surveillance - official controls											
Meat from sheep - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Minnesota	S. Newport	S. Ohio	S. Paratyphi B	S. Rissen	S. Saintpaul	S. Schwarzengr und	S. Senftenberg	S. Stanley	S. Typhimurium - DT 104	S. Typhimurium - DT 104b
Meat from sheep - meat products - raw and intended to be eaten raw - at processing plant - Surveillance - HACCP and own checks											
Meat from sheep - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from sheep - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from sheep - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from sheep - offal - at processing plant - Surveillance - official controls											
Meat, mixed meat - meat products - at processing plant - Surveillance - official controls											
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Minnesota	S. Newport	S. Ohio	S. Paratyphi B	S. Rissen	S. Saintpaul	S. Schwarzengrund	S. Senftenberg	S. Stanley	S. Typhimurium - DT 104	S. Typhimurium - DT 104b
Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Other food - at processing plant - Surveillance - official controls											
	S. Typhimurium - DT 12	S. Typhimurium - DT 120	S. Typhimurium - DT 120 low	S. Typhimurium - DT 193	S. Typhimurium - DT 193a	S. Typhimurium - DT 208	S. Typhimurium - DT 35	S. Typhimurium - Not typeable	S. Typhimurium - RDNC	S. Typhimurium - U 288	S. Typhimurium - U 302
Meat from sheep - fresh - at processing plant											
Meat from bovine animals - fresh - at processing plant - Surveillance - HACCP and own checks	2										
Meat from bovine animals - fresh - at processing plant - Surveillance - official controls											
Meat from bovine animals - meat products - at processing plant - Surveillance - official controls											
Meat from bovine animals - meat products - at retail - Surveillance - official controls											
Meat from bovine animals - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Typhimurium - DT 12	S. Typhimurium - DT 120	S. Typhimurium - DT 120 low	S. Typhimurium - DT 193	S. Typhimurium - DT 193a	S. Typhimurium - DT 208	S. Typhimurium - DT 35	S. Typhimurium - Not typeable	S. Typhimurium - RDNC	S. Typhimurium - U 288	S. Typhimurium - U 302
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks				2							1
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from bovine animals - minced meat - at retail - Surveillance - official controls											
Meat from bovine animals - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from bovine animals and pig - meat products - at processing plant - Surveillance - official controls											
Meat from horse - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from other animal species or not specified - meat products - at retail - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Typhimurium - DT 12	S. Typhimurium - DT 120	S. Typhimurium - DT 120 low	S. Typhimurium - DT 193	S. Typhimurium - DT 193a	S. Typhimurium - DT 208	S. Typhimurium - DT 35	S. Typhimurium - Not typeable	S. Typhimurium - RDNC	S. Typhimurium - U 288	S. Typhimurium - U 302
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from other animal species or not specified - minced meat - at retail - Surveillance - official controls											
Meat from pig - fresh - at processing plant - Surveillance - HACCP and own checks	1	2	4	11	2	1	3	8	1	1	7
Meat from pig - fresh - at processing plant - Surveillance - official controls											
Meat from pig - meat products - at processing plant - Surveillance - official controls											
Meat from pig - meat products - at retail - Surveillance - official controls											
Meat from pig - meat products - cooked, ready-to- eat - at processing plant - Surveillance - official controls											
Meat from pig - meat products - cooked, ready-to- eat - at retail - Surveillance - official controls											
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks	2		1				1	2			1

Table Salmonella in red meat and products thereof

	S. Typhimurium - DT 12	S. Typhimurium - DT 120	S. Typhimurium - DT 120 low	S. Typhimurium - DT 193	S. Typhimurium - DT 193a	S. Typhimurium - DT 208	S. Typhimurium - DT 35	S. Typhimurium - Not typeable	S. Typhimurium - RDNC	S. Typhimurium - U 288	S. Typhimurium - U 302
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from pig - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from sheep - fresh - at processing plant - Surveillance - official controls											
Meat from sheep - fresh - at retail - Surveillance - official controls											
Meat from sheep - meat products - at processing plant - Surveillance - official controls											
Meat from sheep - meat products - at retail - Surveillance - official controls											
Meat from sheep - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat from sheep - meat products - raw and intended to be eaten raw - at processing plant - Surveillance - HACCP and own checks											

Table Salmonella in red meat and products thereof

	S. Typhimurium - DT 12	S. Typhimurium - DT 120	S. Typhimurium - DT 120 low	S. Typhimurium - DT 193	S. Typhimurium - DT 193a	S. Typhimurium - DT 208	S. Typhimurium - DT 35	S. Typhimurium - Not typeable	S. Typhimurium - RDNC	S. Typhimurium - U 288	S. Typhimurium - U 302
Meat from sheep - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from sheep - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											
Meat from sheep - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat from sheep - offal - at processing plant - Surveillance - official controls											
Meat, mixed meat - meat products - at processing plant - Surveillance - official controls											
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls											
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls											
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls											

Table Salmonella in red meat and products thereof

	S. Typhimurium - DT 12	S. Typhimurium - DT 120	S. Typhimurium - DT 120 low	S. Typhimurium - DT 193	S. Typhimurium - DT 193a	S. Typhimurium - DT 208	S. Typhimurium - DT 35	S. Typhimurium - Not typeable	S. Typhimurium - RDNC	S. Typhimurium - U 288	S. Typhimurium - U 302
Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls											
Other food - at processing plant - Surveillance - official controls											

	S. Typhimurium - U 311	S. Typhimurium - U 314	S. Typhimurium, monophasic - DT 120	S. Typhimurium, monophasic - DT 193	S. Typhimurium, monophasic - U 311	S. Virchow
Meat from sheep - fresh - at processing plant		1				
Meat from bovine animals - fresh - at processing plant - Surveillance - HACCP and own checks						
Meat from bovine animals - fresh - at processing plant - Surveillance - official controls						
Meat from bovine animals - meat products - at processing plant - Surveillance - official controls						
Meat from bovine animals - meat products - at retail - Surveillance - official controls						
Meat from bovine animals - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls						
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls						

Table Salmonella in red meat and products thereof

	S. Typhimurium - U 311	S. Typhimurium - U 314	S. Typhimurium, monophasic - DT 120	S. Typhimurium, monophasic - DT 193	S. Typhimurium, monophasic - U 311	S. Virchow
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks						
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls						
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls						
Meat from bovine animals - minced meat - at retail - Surveillance - official controls						
Meat from bovine animals - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls						
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance - official controls						
Meat from bovine animals and pig - meat products - at processing plant - Surveillance - official controls						
Meat from horse - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls						
Meat from other animal species or not specified - meat products - at retail - Surveillance - official controls						

Table Salmonella in red meat and products thereof

	S. Typhimurium - U 311	S. Typhimurium - U 314	S. Typhimurium, monophasic - DT 120	S. Typhimurium, monophasic - DT 193	S. Typhimurium, monophasic - U 311	S. Virchow
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls						
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls						
Meat from other animal species or not specified - minced meat - at retail - Surveillance - official controls						
Meat from pig - fresh - at processing plant - Surveillance - HACCP and own checks	7		1	3	6	
Meat from pig - fresh - at processing plant - Surveillance - official controls						
Meat from pig - meat products - at processing plant - Surveillance - official controls						
Meat from pig - meat products - at retail - Surveillance - official controls						
Meat from pig - meat products - cooked, ready-to- eat - at processing plant - Surveillance - official controls						
Meat from pig - meat products - cooked, ready-to- eat - at retail - Surveillance - official controls						
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - HACCP and own checks				2	1	

Table Salmonella in red meat and products thereof

	S. Typhimurium - U 311	S. Typhimurium - U 314	S. Typhimurium, monophasic - DT 120	S. Typhimurium, monophasic - DT 193	S. Typhimurium, monophasic - U 311	S. Virchow
Meat from pig - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls						
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls						
Meat from pig - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls						
Meat from sheep - fresh - at processing plant - Surveillance - official controls						
Meat from sheep - fresh - at retail - Surveillance - official controls						
Meat from sheep - meat products - at processing plant - Surveillance - official controls						
Meat from sheep - meat products - at retail - Surveillance - official controls						
Meat from sheep - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls						
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls						
Meat from sheep - meat products - raw and intended to be eaten raw - at processing plant - Surveillance - HACCP and own checks						

Table Salmonella in red meat and products thereof

	S. Typhimurium - U 311	S. Typhimurium - U 314	S. Typhimurium, monophasic - DT 120	S. Typhimurium, monophasic - DT 193	S. Typhimurium, monophasic - U 311	S. Virchow
Meat from sheep - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls						
Meat from sheep - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls						
Meat from sheep - minced meat - intended to be eaten cooked - at processing plant - Surveillance - official controls						
Meat from sheep - offal - at processing plant - Surveillance - official controls						
Meat, mixed meat - meat products - at processing plant - Surveillance - official controls						
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls						
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls						
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at processing plant - Surveillance - official controls						
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls						

Table Salmonella in red meat and products thereof

	S. Typhimurium - U 311	S. Typhimurium - U 314	S. Typhimurium, monophasic - DT 120	S. Typhimurium, monophasic - DT 193	S. Typhimurium, monophasic - U 311	S. Virchow
Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls						
Other food - at processing plant - Surveillance - official controls						

Footnote:

*Various - Sample weight ranges from 10g – 25.99g

2.1.3 Salmonella in animals

Table Salmonella in breeding flocks of Gallus gallus

[illegible]

Table Salmonella in breeding flocks of Gallus gallus

Footnote:
NCP - National Control Plan, Department of Agriculture, Fisheries & Food (DAFF)

Table Salmonella in other birds

	Source of information	Sampling unit	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified
Birds - Clinical investigations	RVL	Animal	18	0			
Ducks - Clinical investigations	RVL	Animal	27	1		1	
Eagle - Clinical investigations (Golden Eagle) ¹⁾	RVL	Animal	2	0			
Geese - Clinical investigations	RVL	Animal	25	1		1	
Pheasants - Clinical investigations	RVL	Animal	14	0			
Pigeons - Clinical investigations	RVL	Animal	17	1		1	
Swans - Clinical investigations	RVL	Animal	7	0			

Comments:

¹⁾ Golden Eagle

Footnote:

RVL Regional Veterinary Laboratories

Table Salmonella in other animals

	Source of information	Sampling unit	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	S. 1,4,[5],12:i:-	Salmonella spp., unspecified	S. Dublin	S. Kimuenza	S. London
Alpacas - Clinical investigations	RVL	Animal	1	0							
Badgers - Clinical investigations	RVL	Animal	5	1					1		
Cats - Clinical investigations	RVL	Animal	58	2		1			1		
Cattle (bovine animals) - adult cattle over 2 years - Clinical investigations	RVL	Animal	2176	379		12			366		
Cattle (bovine animals) - calves (under 1 year) - Clinical investigations	RVL	Animal	9819	559		10			549		
Deer - Clinical investigations	RVL	Animal	10	0							
Dogs - Clinical investigations	RVL	Animal	377	2					2		
Hares - Clinical investigations	RVL	Animal	6	0							
Other animals - exotic pet animals - Clinical investigations	RVL	Animal	74	0							
Pigs - breeding animals - Clinical investigations	RVL	Animal	32	1							1
Pigs - fattening pigs - Clinical investigations	RVL	Animal	312	7		5				1	
Rabbits - Clinical investigations	RVL	Animal	30	0							
Sheep - Clinical investigations	RVL	Animal	1523	31		1			29		
Solipeds, domestic - donkeys - Clinical investigations	RVL	Animal	2	1					1		
Solipeds, domestic - horses - Clinical investigations ¹⁾	RVL	Animal	587	5		4			1		

Table Salmonella in other animals

	S. Mbandaka	S. Montevideo	S. Rissen
Alpacas - Clinical investigations			
Badgers - Clinical investigations			
Cats - Clinical investigations			
Cattle (bovine animals) - adult cattle over 2 years - Clinical investigations		1	
Cattle (bovine animals) - calves (under 1 year) - Clinical investigations			
Deer - Clinical investigations			
Dogs - Clinical investigations			
Hares - Clinical investigations			
Other animals - exotic pet animals - Clinical investigations			
Pigs - breeding animals - Clinical investigations			
Pigs - fattening pigs - Clinical investigations			1
Rabbits - Clinical investigations			
Sheep - Clinical investigations	1		
Solipeds, domestic - donkeys - Clinical investigations			
Solipeds, domestic - horses - Clinical investigations ¹⁾			

Comments:

Table Salmonella in other animals

Comments:

¹⁾ Equines

Footnote:

RVL Regional Veterinary Laboratories

Table Salmonella in other poultry

	Number of existing flocks	Source of information	Sampling unit	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	S. 1,4,[5],12:i: -	Salmonella spp., unspecified	S. Derby	S. Kentucky
Ducks - laying ducks - at farm - environmental sample - Surveillance - official controls - selective sampling (Boot swabs & dust)	40		Flock	54	25		25				
Gallus gallus (fowl) - broilers - before slaughter - at farm - environmental sample - Control and eradication programmes - official and industry sampling (Boot swabs & dust)	600	NCP, DAFF	Flock	600	3						3
Gallus gallus (fowl) - laying hens - adult - at farm - environmental sample - Control and eradication programmes - industry sampling (Boot swabs and dust)	239	NCP, DAFF	Flock	239	0						
Gallus gallus (fowl) - laying hens - adult - at farm - environmental sample - Control and eradication programmes - official and industry sampling (Boot swabs and dust)	239	NCP, DAFF	Flock	239	1					1	
Gallus gallus (fowl) - laying hens - adult - at farm - environmental sample - Control and eradication programmes - official sampling - objective sampling (Boot swabs & dust)	239	NCP, DAFF	Flock	211	1					1	
Turkeys - breeding flocks, unspecified - adult - at farm - environmental sample - Control and eradication programmes - official and industry sampling (Boot swabs & dust)	14	NCP, DAFF	Flock	14	0						
Turkeys - fattening flocks - before slaughter - at farm - environmental sample - Control and eradication programmes - official and industry sampling (Boot swabs & dust)	103	NCP, DAFF	Flock	103	1				1		

Table Salmonella in other poultry

Footnote:

- NCP, DAFF - National Control Plan, Department of Agriculture, Fisheries & Food.
1. Laying ducks - there are 40 commercial duck layers. However there were 54 units tested as some small backyard flocks were also tested due to public health concerns.
 2. Official sampling in table egg birds occurs in one flock per year per holding comprising at least 1,000 birds, hence the number of official tests is less than the total number of flocks - 211 of 239 flocks tested.
 3. Where results are presented for official and industry testing combined, the positives are all from official testing. Testing by DAFF approved private laboratories for industry are obliged to notify DAFF of positive results for the 5 serovars of greatest public health significance. There were none reported in 2010.

2.1.4 Salmonella in feedingstuffs

Table Salmonella in compound feedingstuffs

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified
Compound feedingstuffs for cattle - final product - at feed mill - Monitoring		Single	25g	44	0			
Compound feedingstuffs for horses - final product - at feed mill - Monitoring		Single	25g	1	0			
Compound feedingstuffs for pigs - final product - at feed mill - Monitoring		Single	25g	15	0			
Compound feedingstuffs for poultry (non specified) - final product - at feed mill - Monitoring		Single	25g	10	0			
Compound feedingstuffs for poultry - broilers - final product - at feed mill - Monitoring		Single	25g	8	0			
Compound feedingstuffs for poultry - laying hens - final product - at feed mill - Monitoring		Single	25g	9	0			
Compound feedingstuffs for sheep - final product - at feed mill - Monitoring		Single	25g	5	0			

Table Salmonella in feed material of animal origin

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified
Feed material of land animal origin - dairy products - at feed mill - Monitoring		Single	25g	1	0			

Table Salmonella in other feed matter

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified
Feed material of cereal grain origin - barley derived - Monitoring		Single	25g	17	0			
Feed material of cereal grain origin - maize - Monitoring		Single	25g	4	0			
Feed material of cereal grain origin - maize - derived - Monitoring		Single	25g	9	0			
Feed material of cereal grain origin - other cereal grain derived - Monitoring		Single	25g	2	0			
Feed material of cereal grain origin - other cereal grain derived - Monitoring (Wheat and derived)		Single	25g	17	0			
Feed material of oil seed or fruit origin - other - Monitoring (Sunflower seed derived)		Single	25g	2	0			
Feed material of oil seed or fruit origin - other oil seeds derived - Monitoring		Single	25g	1	0			
Feed material of oil seed or fruit origin - other oil seeds derived - Monitoring (Soya bean derived)		Single	25g	8	0			
Feed material of oil seed or fruit origin - palm kernel derived - Monitoring		Single	25g	1	0			
Feed material of oil seed or fruit origin - rape seed derived - Monitoring		Single	25g	15	0			
Other feed material - forages and roughages - Monitoring		Single	25g	0	0			
Other feed material - legume seeds and similar products - Monitoring		Single	25g	1	0			

Table Salmonella in other feed matter

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Salmonella	S. Enteritidis	S. Typhimurium	Salmonella spp., unspecified
Other feed material - other plants - Monitoring		Single	25g	0	0			
Other feed material - other seeds and fruits - Monitoring		Single	25g	5	0			

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			938				3						
Number of isolates serotyped	0	0	938	0	0	0	3	0	0	0	0	0	0
Number of isolates per serovar													
S. Dublin			915										
S. Kimuenza							1						
S. London							1						
S. Mbandaka													
S. Montevideo			1										
S. Rissen							1						

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			938				3						
Number of isolates serotyped	0	0	938	0	0	0	3	0	0	0	0	0	0
Number of isolates per serovar													
S. Typhimurium			22										

Serovar	Other poultry			Other animals			
	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance
Sources of isolates							
Number of isolates in the laboratory						7	
Number of isolates serotyped	0	0	0	0	0	7	0
Number of isolates per serovar							
S. Dublin							
S. Kimuenza							
S. London							
S. Mbandaka						1	
S. Montevideo							

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						7	
Number of isolates serotyped	0	0	0	0	0	7	0
Number of isolates per serovar							
S. Rissen							
S. Typhimurium						6	

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		Eggs		Fruits and vegetables
	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring
Sources of isolates													
Number of isolates in the laboratory		53		197		174				2		4	
Number of isolates serotyped	0	39	0	126	0	168	0	0	0	1	0	4	0
Number of isolates per serovar													
S. Agona				4		14							
S. Altona													
S. Anatum													
S. Blockley						1							
S. Bovismorbificans													
S. Brandenburg				3		2							
S. Bredeney				4		1							
S. Chandans													
S. Colindale				3									
S. Derby		2		10									
S. Dublin		27		3		1				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		Eggs		Fruits and vegetables
	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring
Sources of isolates													
Number of isolates in the laboratory		53		197		174				2		4	
Number of isolates serotyped	0	39	0	126	0	168	0	0	0	1	0	4	0
Number of isolates per serovar													
S. Enteritidis		3											
S. Give				1									
S. Goldcoast				1									
S. Infantis				1		1							
S. Kentucky				2		117							
S. Livingstone						1							
S. London				1		1							
S. Marseille													
S. Mbandaka						1							
S. Minnesota						1							
S. Montevideo													

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		Eggs		Fruits and vegetables
	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring
Sources of isolates													
Number of isolates in the laboratory		53		197		174				2		4	
Number of isolates serotyped	0	39	0	126	0	168	0	0	0	1	0	4	0
Number of isolates per serovar													
S. Newport						2							
S. Ohio				1									
S. Paratyphi B		1				3							
S. Rissen				2									
S. Saintpaul				1		6							
S. Schwarzengrund						1							
S. Senftenberg						1							
S. Typhimurium		6		79		5						4	
S. Typhimurium, monophasic				10		2							
S. Virchow						7							

Table Salmonella serovars in food

Serovar	Fruits and vegetables	Meat from duck		Meat from other animal species or not specified		Meat from sheep		Meat from turkey		Milk from other animal species or unspecified		Other food	
	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance
Sources of isolates													
Number of isolates in the laboratory	1		67		18		12		1		2		4
Number of isolates serotyped	1	0	57	0	9	0	10	0	1	0	2	0	4
Number of isolates per serovar													
S. Agona													
S. Altona													1
S. Anatum													
S. Blockley													
S. Bovismorbificans					1								
S. Brandenburg			4										
S. Bredeney					1								
S. Chandans	1												
S. Colindale													
S. Derby					1								
S. Dublin					4		5				2		

Table Salmonella serovars in food

Serovar	Fruits and vegetables	Meat from duck		Meat from other animal species or not specified		Meat from sheep		Meat from turkey		Milk from other animal species or unspecified		Other food	
	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance
Sources of isolates													
Number of isolates in the laboratory	1		67		18		12		1		2		4
Number of isolates serotyped	1	0	57	0	9	0	10	0	1	0	2	0	4
Number of isolates per serovar													
S. Enteritidis													
S. Give													
S. Goldcoast													
S. Infantis													
S. Kentucky			1										
S. Livingstone													
S. London													
S. Marseille													
S. Mbandaka					1								
S. Minnesota													
S. Montevideo													2

Table Salmonella serovars in food

Serovar	Fruits and vegetables	Meat from duck		Meat from other animal species or not specified		Meat from sheep		Meat from turkey		Milk from other animal species or unspecified		Other food	
	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance
Sources of isolates													
Number of isolates in the laboratory	1		67		18		12		1		2		4
Number of isolates serotyped	1	0	57	0	9	0	10	0	1	0	2	0	4
Number of isolates per serovar													
S. Newport													1
S. Ohio													
S. Paratyphi B													
S. Rissen													
S. Saintpaul													
S. Schwarzengrund			4										
S. Senftenberg													
S. Typhimurium			48		1		5						
S. Typhimurium, monophasic													
S. Virchow									1				

Table Salmonella serovars in food

Serovar	Other processed food products and prepared dishes		Seeds, dried	
	Monitoring	Surveillance	Monitoring	Surveillance
Sources of isolates				
Number of isolates in the laboratory		2		3
Number of isolates serotyped	0	1	0	3
Number of isolates per serovar				
S. Agona				1
S. Altona				
S. Anatum				1
S. Blockley				
S. Bovismorbificans				
S. Brandenburg				
S. Bredeney				
S. Chandans				
S. Colindale				
S. Derby				
S. Dublin				

Table Salmonella serovars in food

Serovar	Other processed food products and prepared dishes		Seeds, dried	
	Monitoring	Surveillance	Monitoring	Surveillance
Sources of isolates				
Number of isolates in the laboratory		2		3
Number of isolates serotyped	0	1	0	3
Number of isolates per serovar				
S. Enteritidis				
S. Give				
S. Goldcoast				
S. Infantis				
S. Kentucky				
S. Livingstone				
S. London				
S. Marseille				1
S. Mbandaka				
S. Minnesota				
S. Montevideo				

Table Salmonella serovars in food

Serovar	Other processed food products and prepared dishes		Seeds, dried	
	Monitoring	Surveillance	Monitoring	Surveillance
Sources of isolates				
Number of isolates in the laboratory		2		3
Number of isolates serotyped	0	1	0	3
Number of isolates per serovar				
S. Newport				
S. Ohio				
S. Paratyphi B				
S. Rissen				
S. Saintpaul				
S. Schwarzengrund				
S. Senftenberg				
S. Typhimurium		1		
S. Typhimurium, monophasic				
S. Virchow				

Table Salmonella serovars in food

The following amendments were made:

Date of Modification	Row name	Column name	Old value	New value
2012-02-06	Number of isolates in the laboratory	Eggs - Surveillance	3	4
	Number of isolates serotyped	Eggs - Surveillance	3	4
	Salmonella - S. Typhimurium	Eggs - Surveillance	3	4

Table Salmonella Typhimurium 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			28				3						
Number of isolates phagetyped	0	0	28	0	0	0	3	0	0	0	0	0	0
Number of isolates per phagetype													
DT 104			15				0						
DT 104b			2				1						
DT 193			6				1						
DT 49			1										
DT 8			1										
Not typeable			3				1						

Table Salmonella Typhimurium phagetypes in animals

Phagetype	Other poultry			Other animals			
	Monitoring	Clinical	Surveillance	Control program	Monitoring	Clinical	Surveillance
Sources of isolates							
Number of isolates in the laboratory						6	
Number of isolates phagetyped	0	0	0	0	0	6	0
Number of isolates per phagetype							
DT 104						2	
DT 104b							
DT 193						2	
DT 49							
DT 8						1	
Not typeable						1	

Table Salmonella Typhimurium phagetypes in food

Phagetype	Meat from bovine animals		Meat from pig		Meat from broilers (Gallus gallus)		Meat from other poultry species		Other products of animal origin		Eggs		Meat from duck
	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring
Sources of isolates													
Number of isolates in the laboratory		6		79		5						4	
Number of isolates phagetyped	0	6	0	68	0	5	0	0	0	0	0	2	0
Number of isolates per phagetype													
DT 104		1		4									
DT 104b				16									
DT 112		2											
DT 12				3		1							
DT 120				2									
DT 120 low				5		2							
DT 193		2		13		2							
DT 193a				2									
DT 208				1									
DT 30												1	
DT 35				4									

Table Salmonella Typhimurium phagetypes in food

Phagetype	Meat from bovine animals		Meat from pig		Meat from broilers (Gallus gallus)		Meat from other poultry species		Other products of animal origin		Eggs		Meat from duck
	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring
Sources of isolates													
Number of isolates in the laboratory		6		79		5						4	
Number of isolates phagetyped	0	6	0	68	0	5	0	0	0	0	0	2	0
Number of isolates per phagetype													
DT 8												1	
RDNC				1									
U 288				1									
U 302		1		8									
U 311				8									
U 314													

Table Salmonella Typhimurium phage types in food

Phagetype	Meat from duck	Meat from other animal species or not specified		Meat from sheep		Other processed food products and prepared dishes	
	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance
Sources of isolates							
Number of isolates in the laboratory	48		1		5		1
Number of isolates phagetyped	48	0	1	0	5	0	0
Number of isolates per phagetype							
DT 104							
DT 104b					4		
DT 112							
DT 12							
DT 120							
DT 120 low							
DT 193			1				
DT 193a							
DT 208							
DT 30	2						
DT 35							

Table Salmonella Typhimurium phagetypes in food

Phagetype	Meat from duck	Meat from other animal species or not specified		Meat from sheep		Other processed food products and prepared dishes	
	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance
Sources of isolates							
Number of isolates in the laboratory	48		1		5		1
Number of isolates phagetyped	48	0	1	0	5	0	0
Number of isolates per phagetype							
DT 8	46						
RDNC							
U 288							
U 302							
U 311							
U 314					1		

The following amendments were made:

Date of Modification	Row name	Column name	Old value	New value
2012-02-06	Salmonella - S. Typhimurium - DT 8	Eggs - Surveillance	2	1
	Number of isolates phagetyped	Eggs - Surveillance	3	2
	Number of isolates in the laboratory	Eggs - Surveillance	3	4

Table S. 1,4,[5],12:i:- phagetypes in Food

Phagetype	Meat from bovine animals		Meat from pig		Meat from broilers (Gallus gallus)		Meat from other poultry species		Other products of animal origin	
	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance	Monitoring	Surveillance
Sources of isolates										
Number of isolates in the laboratory				10		2				
Number of isolates phagetyped	0	0	0	10	0	2	0	0	0	0
Number of isolates per phagetype										
DT 120				1						
DT 193				3						
U 311				6		2				

2.1.6 Antimicrobial resistance in Salmonella isolates

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

Salmonella	S. Enteritidis		S. Typhimurium		Salmonella spp.		S. Dublin	
	Isolates out of a monitoring program (yes/no)		no				no	
	Number of isolates available in the laboratory		11				831	
	N	n	N	n	N	n	N	n
Antimicrobials:								
Fluoroquinolones - Enrofloxacin			11	0			813	1
Aminoglycosides - Streptomycin			11	9			809	27
Aminoglycosides - Neomycin			10	2			799	26
Penicillins - Ampicillin			11	11			828	20
Tetracyclines - Tetracycline			11	8			826	7
Fully sensitive			11	0			831	769
Resistant to 1 antimicrobial			11	2			831	41
Resistant to 2 antimicrobials			11	0			831	16
Resistant to 3 antimicrobials			11	0			831	3
Resistant to 4 antimicrobials			11	8			831	2
Resistant to >4 antimicrobials			11	1			831	0
Cephalosporins - Cefpodoxime			11	0			805	1
Cephalosporins - Cefotiofur			10	1			814	4
Penicillins - Amoxicillin / Clavulanic acid			10	8			831	0
Trimethoprim + Sulphonamides - Trimethoprim + Sulfamethoxazol			11	0			831	4

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

Table Antimicrobial susceptibility testing of Salmonella in Pigs

Salmonella	S. Enteritidis		S. Typhimurium		Salmonella spp.	
Isolates out of a monitoring program (yes/no)			no			
Number of isolates available in the laboratory			3			
Antimicrobials:	N	n	N	n	N	n
Fluoroquinolones - Enrofloxacin			3	0		
Aminoglycosides - Streptomycin			3	2		
Aminoglycosides - Neomycin			1	1		
Penicillins - Ampicillin			3	3		
Tetracyclines - Tetracycline			3	2		
Resistant to 3 antimicrobials			3	3		
Cephalosporins - Cefpodoxime			3	0		
Cephalosporins - Ceftiofur			3	0		
Penicillins - Amoxicillin / Clavulanic acid			2	2		
Trimethoprim + Sulphonamides - Trimethoprim + Sulfamethoxazol			3	2		

Table Antimicrobial susceptibility testing of *S. Liverpool* in Turkeys - unspecified - quantitative data [Dilution method]

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

S. Liverpool	Turkeys - unspecified																								
	no																								
	1																								
	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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																			
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Sulphonamides - Sulfonamide		1	1														1								
Aminoglycosides - Streptomycin	32	1	0											1											
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0					1																	
Cephalosporins - Ceftazidim	2	1	0							1															

Table Antimicrobial susceptibility testing of *S. Agona* in Turkeys - unspecified - quantitative data [Dilution method]

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

S. Agona	Turkeys - unspecified																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0											1											
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0		1																				
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0											1											
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0					1																	
Sulphonamides	256	1	0																1						
Cephalosporins - Ceftazidim	2	1	0					1																	

Table Antimicrobial susceptibility testing of *S. Kottbus* in Turkeys - unspecified - quantitative data [Dilution method]

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

S. Kottbus	Turkeys - unspecified																								
	no																								
	5																								
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
Amphenicols - Chloramphenicol	16	5	0										3	2											
Amphenicols - Florfenicol	16	5	0										5												
Tetracyclines - Tetracycline	8	5	0									5													
Fluoroquinolones - Ciprofloxacin	0.06	5	0		4	1																			
Quinolones - Nalidixic acid	16	5	0										5												
Trimethoprim	2	5	0							5															
Aminoglycosides - Streptomycin	32	5	0											4	1										
Aminoglycosides - Gentamicin	2	5	0						4	1															
Aminoglycosides - Kanamycin	4	5	0										5												
Penicillins - Ampicillin	4	5	0								3	2													
Cephalosporins - Cefotaxim	0.5	5	0				4	1																	
Sulphonamides	256	5	0													4	1								
Cephalosporins - Ceftazidim	2	5	0						5																

Table Antimicrobial susceptibility testing of *S. Fresno* in Reptiles - quantitative data [Dilution method]

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

S. Fresno	Reptiles																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																			
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0												1										
Aminoglycosides - Gentamicin	2	1	0							1															
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0						1																
Sulphonamides	256	1	0															1							
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *diarizonae* in Reptiles - quantitative data [Dilution method]

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

S. enterica subsp. diarizonae	Reptiles																								
	no																								
	3																								
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
Amphenicols - Chloramphenicol	16	3	0									1	2												
Amphenicols - Florfenicol	16	3	0									2	1												
Tetracyclines - Tetracycline	8	3	0								2	1													
Fluoroquinolones - Ciprofloxacin	0.06	3	1		2				1																
Quinolones - Nalidixic acid	16	3	1										2				1								
Trimethoprim	2	3	0							3															
Sulphonamides - Sulfonamide		3	3													2	1								
Aminoglycosides - Streptomycin	32	3	0												1	2									
Aminoglycosides - Gentamicin	2	3	0						1	2															
Aminoglycosides - Kanamycin	4	3	0										3												
Penicillins - Ampicillin	4	3	0							1	2														
Cephalosporins - Cefotaxim	0.5	3	0				3																		
Cephalosporins - Ceftazidim	2	3	0						3																

Table Antimicrobial susceptibility testing of *S. Potsdam* in Reptiles - quantitative data [Dilution method]

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

S. Potsdam	Reptiles																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0										1												
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																			
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0										1												
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0									1													
Cephalosporins - Cefotaxim	0.5	1	0				1																		
Sulphonamides	256	1	0													1									
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *houtenae* in Reptiles - quantitative data [Dilution method]

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

S. enterica subsp. houtenae Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Reptiles																								
	no																								
	1																								
	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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																			
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0											1											
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0									1													
Cephalosporins - Cefotaxim	0.5	1	0					1																	
Sulphonamides	256	1	0												1										
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of *S. enterica* subsp. *arizonae* in Reptiles - quantitative data [Dilution method]

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

S. enterica subsp. arizonae	Reptiles																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0										1												
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0								1														
Fluoroquinolones - Ciprofloxacin	0.06	1	0		1																				
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0											1											
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0				1																		
Sulphonamides	256	1	0													1									
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of S. Montevideo in Reptiles - quantitative data [Dilution method]

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

S. Montevideo	Reptiles																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0										1												
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0		1																				
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0											1											
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0				1																		
Sulphonamides	256	1	0														1								
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of S. Oranienburg in Reptiles - quantitative data [Dilution method]

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

S. Oranienburg	Reptiles																								
	no																								
	2																								
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
Amphenicols - Chloramphenicol	16	2	0											2											
Amphenicols - Florfenicol	16	2	0									1	1												
Tetracyclines - Tetracycline	8	2	0									2													
Fluoroquinolones - Ciprofloxacin	0.06	2	0			2																			
Quinolones - Nalidixic acid	16	2	0											2											
Trimethoprim	2	2	0							2															
Aminoglycosides - Streptomycin	32	2	0											1	1										
Aminoglycosides - Gentamicin	2	2	0							2															
Aminoglycosides - Kanamycin	4	2	0										2												
Penicillins - Ampicillin	4	2	0								2														
Cephalosporins - Cefotaxim	0.5	2	0				1	1																	
Sulphonamides	256	2	0												1	1									
Cephalosporins - Ceftazidim	2	2	0						2																

Table Antimicrobial susceptibility testing of *S. Mbandaka* in Poultry, unspecified - quantitative data [Dilution method]

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

S. Mbandaka	Poultry, unspecified																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0											1											
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																			
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Sulphonamides - Sulfonamide		1	1														1								
Aminoglycosides - Streptomycin	32	1	0												1										
Aminoglycosides - Gentamicin	2	1	0							1															
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0					1																	
Cephalosporins - Ceftazidim	2	1	0							1															

Table Antimicrobial susceptibility testing of *S. Kentucky* in Poultry, unspecified - quantitative data [Dilution method]

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

S. Kentucky	Poultry, unspecified																								
	no																								
	3																								
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
Amphenicols - Chloramphenicol	16	3	0											3											
Amphenicols - Florfenicol	16	3	0											3											
Tetracyclines - Tetracycline	8	3	0									3													
Fluoroquinolones - Ciprofloxacin	0.06	3	0			3																			
Quinolones - Nalidixic acid	16	3	0										3												
Trimethoprim	2	3	0							3															
Aminoglycosides - Streptomycin	32	3	0											3											
Aminoglycosides - Gentamicin	2	3	0						3																
Aminoglycosides - Kanamycin	4	3	0										3												
Penicillins - Ampicillin	4	3	0								1	2													
Cephalosporins - Cefotaxim	0.5	3	0					2	1																
Sulphonamides	256	3	0															2	1						
Cephalosporins - Ceftazidim	2	3	0							3															

Table Antimicrobial susceptibility testing of *S. Virchow* in Poultry, unspecified - quantitative data [Dilution method]

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

S. Virchow	Poultry, unspecified																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	1														1								
Fluoroquinolones - Ciprofloxacin	0.06	1	1					1																	
Quinolones - Nalidixic acid	16	1	1														1								
Trimethoprim	2	1	1													1									
Aminoglycosides - Streptomycin	32	1	1															1							
Aminoglycosides - Gentamicin	2	1	1												1										
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	1													1									
Cephalosporins - Cefotaxim	0.5	1	0					1																	
Sulphonamides	256	1	1																		1				
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of *S. Typhimurium* in Poultry, unspecified - quantitative data [Dilution method]

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

S. Typhimurium	Poultry, unspecified																								
	no																								
	2																								
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
Amphenicols - Chloramphenicol	16	2	2														2								
Amphenicols - Florfenicol	16	2	2													2									
Tetracyclines - Tetracycline	8	2	2													1	1								
Fluoroquinolones - Ciprofloxacin	0.06	2	0			1	1																		
Quinolones - Nalidixic acid	16	2	0										2												
Trimethoprim	2	2	2													2									
Aminoglycosides - Streptomycin	32	2	2														1	1							
Aminoglycosides - Gentamicin	2	2	0						1	1															
Aminoglycosides - Kanamycin	4	2	0										2												
Penicillins - Ampicillin	4	2	2													2									
Cephalosporins - Cefotaxim	0.5	2	0				1	1																	
Sulphonamides	256	2	2																		2				
Cephalosporins - Ceftazidim	2	2	0						2																

Table Antimicrobial susceptibility testing of *S. Kimuenza* in Pigs - quantitative data [Dilution method]

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

S. Kimuenza	Pigs																								
	no																								
	2																								
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
Amphenicols - Chloramphenicol	16	2	0											2											
Amphenicols - Florfenicol	16	2	0										2												
Tetracyclines - Tetracycline	8	2	0									2													
Fluoroquinolones - Ciprofloxacin	0.06	2	0		1	1																			
Quinolones - Nalidixic acid	16	2	0										2												
Trimethoprim	2	2	0							2															
Aminoglycosides - Streptomycin	32	2	0											2											
Aminoglycosides - Gentamicin	2	2	0						1	1															
Aminoglycosides - Kanamycin	4	2	0										2												
Penicillins - Ampicillin	4	2	0									2													
Cephalosporins - Cefotaxim	0.5	2	0				2																		
Sulphonamides	256	2	0													1	1								
Cephalosporins - Ceftazidim	2	2	0						2																

Table Antimicrobial susceptibility testing of *S. Rissen* in Pigs - quantitative data [Dilution method]

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

S. Rissen	Pigs																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0											1											
Tetracyclines - Tetracycline	8	1	1														1								
Fluoroquinolones - Ciprofloxacin	0.06	1	1							1															
Quinolones - Nalidixic acid	16	1	0											1											
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0										1												
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	1													1									
Cephalosporins - Cefotaxim	0.5	1	0						1																
Sulphonamides	256	1	0													1									
Cephalosporins - Ceftazidim	2	1	0								1														

Table Antimicrobial susceptibility testing of *S. Typhimurium* in Pigs - quantitative data [Dilution method]

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

S. Typhimurium	Pigs																								
	no																								
	15																								
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
Amphenicols - Chloramphenicol	16	15	8										1	5	1		8								
Amphenicols - Florfenicol	16	15	2										5	2	6	2									
Tetracyclines - Tetracycline	8	15	12									3					12								
Fluoroquinolones - Ciprofloxacin	0.06	15	3		1	9	2		1	2															
Quinolones - Nalidixic acid	16	15	3										10	2			3								
Trimethoprim	2	15	13							2						13									
Aminoglycosides - Streptomycin	32	15	7											4	4			7							
Aminoglycosides - Gentamicin	2	15	3						6	5	1			3											
Aminoglycosides - Kanamycin	4	15	0										15												
Penicillins - Ampicillin	4	15	13									2				13									
Cephalosporins - Cefotaxim	0.5	15	0				9	3	2	1															
Sulphonamides	256	15	13														2				13				
Cephalosporins - Ceftazidim	2	15	0						9	4	2														

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic in Pigs - quantitative data [Dilution method]

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

S. Typhimurium, monophasic	Pigs																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	1														1								
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																			
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	1															1							
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	1													1									
Cephalosporins - Cefotaxim	0.5	1	0				1																		
Sulphonamides	256	1	1																		1				
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of S. Mbandaka in Sheep - quantitative data [Dilution method]

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

S. Mbandaka	Sheep																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0											1											
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0		1																				
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0											1											
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0						1																
Sulphonamides	256	1	0														1								
Cephalosporins - Ceftazidim	2	1	0							1															

Table Antimicrobial susceptibility testing of *S. Typhimurium* in Sheep - quantitative data [Dilution method]

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

S. Typhimurium	Sheep																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	1														1								
Amphenicols - Florfenicol	16	1	1														1								
Tetracyclines - Tetracycline	8	1	1													1									
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																			
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	1														1								
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	1													1									
Cephalosporins - Cefotaxim	0.5	1	0					1																	
Sulphonamides	256	1	1																		1				
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of *S. Typhimurium* in Cats - quantitative data [Dilution method]

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

S. Typhimurium	Cats																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																			
Quinolones - Nalidixic acid	16	1	0											1											
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0											1											
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0									1													
Cephalosporins - Cefotaxim	0.5	1	0					1																	
Sulphonamides	256	1	0													1									
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of *S. Anatum* in Solipeds, domestic - horses - quantitative data [Dilution method]

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

S. Anatum	Solipeds, domestic - horses																								
	no																								
	2																								
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
Amphenicols - Chloramphenicol	16	2	0											2											
Amphenicols - Florfenicol	16	2	0										2												
Tetracyclines - Tetracycline	8	2	0									2													
Fluoroquinolones - Ciprofloxacin	0.06	2	0			2																			
Quinolones - Nalidixic acid	16	2	0										2												
Trimethoprim	2	2	0							2															
Aminoglycosides - Streptomycin	32	2	0											2											
Aminoglycosides - Gentamicin	2	2	0						1	1															
Aminoglycosides - Kanamycin	4	2	0										2												
Penicillins - Ampicillin	4	2	0								2														
Cephalosporins - Cefotaxim	0.5	2	0				2																		
Sulphonamides	256	2	0													1	1								
Cephalosporins - Ceftazidim	2	2	0						1	1															

Table Antimicrobial susceptibility testing of S. London in Solipeds, domestic - horses - quantitative data [Dilution method]

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

S. London	Solipeds, domestic - horses																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0		1																				
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0											1											
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0				1																		
Sulphonamides	256	1	0														1								
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of S. Typhimurium in Solipeds, domestic - horses - quantitative data [Dilution method]

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

S. Typhimurium	Solipeds, domestic - horses																								
	no																								
	5																								
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
Amphenicols - Chloramphenicol	16	5	1											4			1								
Amphenicols - Florfenicol	16	5	1										4				1								
Tetracyclines - Tetracycline	8	5	1									3	1			1									
Fluoroquinolones - Ciprofloxacin	0.06	5	0			5																			
Quinolones - Nalidixic acid	16	5	0										4	1											
Trimethoprim	2	5	0							5															
Aminoglycosides - Streptomycin	32	5	1											3	1		1								
Aminoglycosides - Gentamicin	2	5	0						3	1	1														
Aminoglycosides - Kanamycin	4	5	0										5												
Penicillins - Ampicillin	4	5	1								1	3				1									
Cephalosporins - Cefotaxim	0.5	5	0				2	3																	
Sulphonamides	256	5	1														4				1				
Cephalosporins - Ceftazidim	2	5	0						2	3															

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic in Solipeds, domestic - horses - quantitative data [Dilution method]

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

S. Typhimurium, monophasic	Solipeds, domestic - horses																									
	no																									
	2																									
	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	
Antimicrobials:																										
Amphenicols - Chloramphenicol	16	2	0										2													
Amphenicols - Florfenicol	16	2	0									2														
Tetracyclines - Tetracycline	8	2	2													2										
Fluoroquinolones - Ciprofloxacin	0.06	2	0		2																					
Quinolones - Nalidixic acid	16	2	0									2														
Trimethoprim	2	2	0						2																	
Aminoglycosides - Streptomycin	32	2	2														2									
Aminoglycosides - Gentamicin	2	2	0					1	1																	
Aminoglycosides - Kanamycin	4	2	0									2														
Penicillins - Ampicillin	4	2	2												2											
Cephalosporins - Cefotaxim	0.5	2	0			2																				
Sulphonamides	256	2	2																	2						
Cephalosporins - Ceftazidim	2	2	0					2																		

Table Antimicrobial susceptibility testing of *S. Agama* in Cattle (bovine animals) - quantitative data [Dilution method]

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

S. Agama	Cattle (bovine animals)																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0										1												
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0				1																		
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0											1											
Aminoglycosides - Gentamicin	2	1	0							1															
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0				1																		
Sulphonamides	256	1	0														1								
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of S. Montevideo in Cattle (bovine animals) - quantitative data [Dilution method]

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

S. Montevideo	Cattle (bovine animals)																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																			
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0											1											
Aminoglycosides - Gentamicin	2	1	0						1																
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0				1																		
Sulphonamides	256	1	0														1								
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of *S. Dublin* in Cattle (bovine animals) - quantitative data [Dilution method]

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

S. Dublin	Cattle (bovine animals)																								
	no																								
	5																								
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
Amphenicols - Chloramphenicol	16	5	0									1	3	1											
Amphenicols - Florfenicol	16	5	0									2	3												
Tetracyclines - Tetracycline	8	5	1								2	2					1								
Fluoroquinolones - Ciprofloxacin	0.06	5	0		3	2																			
Quinolones - Nalidixic acid	16	5	0										5												
Trimethoprim	2	5	0							5															
Aminoglycosides - Streptomycin	32	5	1											3	1		1								
Aminoglycosides - Gentamicin	2	5	0						5																
Aminoglycosides - Kanamycin	4	5	0										5												
Penicillins - Ampicillin	4	5	0							1	2	2													
Cephalosporins - Cefotaxim	0.5	5	0				4	1																	
Sulphonamides	256	5	0													3	2								
Cephalosporins - Ceftazidim	2	5	0						4	1															

Table Antimicrobial susceptibility testing of *S. Typhimurium* in Cattle (bovine animals) - quantitative data [Dilution method]

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

S. Typhimurium	Cattle (bovine animals)																								
	no																								
	18																								
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
Amphenicols - Chloramphenicol	16	18	10										1	7			10								
Amphenicols - Florfenicol	16	18	10										7	1		4	6								
Tetracyclines - Tetracycline	8	18	11									7				3	8								
Fluoroquinolones - Ciprofloxacin	0.06	18	0		3	15																			
Quinolones - Nalidixic acid	16	18	0										17	1											
Trimethoprim	2	18	0							18															
Aminoglycosides - Streptomycin	32	18	13											5			11	2							
Aminoglycosides - Gentamicin	2	18	0						11	7															
Aminoglycosides - Kanamycin	4	18	0										18												
Penicillins - Ampicillin	4	18	11								2	5				11									
Cephalosporins - Cefotaxim	0.5	18	0				8	9	1																
Sulphonamides	256	18	13													3	1	1			13				
Cephalosporins - Ceftazidim	2	18	0						15	3															

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic in Cattle (bovine animals) - quantitative data [Dilution method]

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

S. Typhimurium, monophasic	Cattle (bovine animals)																									
	no																									
	5																									
	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	
Antimicrobials:																										
Amphenicols - Chloramphenicol	16	5	0										5													
Amphenicols - Florfenicol	16	5	0									5														
Tetracyclines - Tetracycline	8	5	5													5										
Fluoroquinolones - Ciprofloxacin	0.06	5	0			5																				
Quinolones - Nalidixic acid	16	5	0									5														
Trimethoprim	2	5	0						5																	
Aminoglycosides - Streptomycin	32	5	5														5									
Aminoglycosides - Gentamicin	2	5	0					3	2																	
Aminoglycosides - Kanamycin	4	5	0									5														
Penicillins - Ampicillin	4	5	5												5											
Cephalosporins - Cefotaxim	0.5	5	0			2	3																			
Sulphonamides	256	5	5																	5						
Cephalosporins - Ceftazidim	2	5	0					4	1																	

Table Antimicrobial susceptibility testing of S. enterica subsp. arizonae in Rodents - zoo animal - quantitative data [Dilution method]

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

S. enterica subsp. arizonae	Rodents - zoo animal																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																			
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0										1												
Aminoglycosides - Gentamicin	2	1	0							1															
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0					1																	
Sulphonamides	256	1	0													1									
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of S. Typhimurium in Birds - zoo animal - quantitative data [Dilution method]

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

S. Typhimurium	Birds - zoo animal																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0										1												
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0		1																				
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0											1											
Aminoglycosides - Gentamicin	2	1	0							1															
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0				1																		
Sulphonamides	256	1	0														1								
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of *S. Typhimurium* in Geese - quantitative data [Dilution method]

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

S. Typhimurium	Geese																								
	no																								
	2																								
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
Amphenicols - Chloramphenicol	16	2	0										1	1											
Amphenicols - Florfenicol	16	2	0									1	1												
Tetracyclines - Tetracycline	8	2	0									1	1												
Fluoroquinolones - Ciprofloxacin	0.06	2	0		1		1																		
Quinolones - Nalidixic acid	16	2	0										1	1											
Trimethoprim	2	2	0							2															
Aminoglycosides - Streptomycin	32	2	0											1	1										
Aminoglycosides - Gentamicin	2	2	0							2															
Aminoglycosides - Kanamycin	4	2	0										2												
Penicillins - Ampicillin	4	2	0								1	1													
Cephalosporins - Cefotaxim	0.5	2	0				1	1																	
Sulphonamides	256	2	0													1	1								
Cephalosporins - Ceftazidim	2	2	0						2																

Table Antimicrobial susceptibility testing of S. Typhimurium in Pigeons - quantitative data [Dilution method]

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

S. Typhimurium	Pigeons																								
	no																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0										1												
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0		1																				
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0													1									
Aminoglycosides - Gentamicin	2	1	0								1														
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0									1													
Cephalosporins - Cefotaxim	0.5	1	0					1																	
Sulphonamides	256	1	0												1										
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of *S. Senftenberg* in *Gallus gallus* (fowl) - broilers - unspecified - quantitative data [Dilution method]

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

S. Senftenberg	Gallus gallus (fowl) - broilers - unspecified																									
	no																									
	1																									
	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	
Antimicrobials:																										
Amphenicols - Chloramphenicol	16	1	0										1													
Amphenicols - Florfenicol	16	1	0										1													
Tetracyclines - Tetracycline	8	1	0								1															
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																				
Quinolones - Nalidixic acid	16	1	0									1														
Trimethoprim	2	1	0							1																
Aminoglycosides - Streptomycin	32	1	0										1													
Aminoglycosides - Gentamicin	2	1	0							1																
Aminoglycosides - Kanamycin	4	1	0									1														
Penicillins - Ampicillin	4	1	0								1															
Cephalosporins - Cefotaxim	0.5	1	0					1																		
Sulphonamides	256	1	0													1										
Cephalosporins - Ceftazidim	2	1	0						1																	

Table Antimicrobial susceptibility testing of *S. Tennessee* in *Gallus gallus* (fowl) - broilers - unspecified - quantitative data [Dilution method]

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

S. Tennessee	Gallus gallus (fowl) - broilers - unspecified																									
	no																									
	1																									
	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	
Antimicrobials:																										
Amphenicols - Chloramphenicol	16	1	0										1													
Amphenicols - Florfenicol	16	1	0									1														
Tetracyclines - Tetracycline	8	1	0								1															
Fluoroquinolones - Ciprofloxacin	0.06	1	0		1																					
Quinolones - Nalidixic acid	16	1	0									1														
Trimethoprim	2	1	0						1																	
Aminoglycosides - Streptomycin	32	1	0												1											
Aminoglycosides - Gentamicin	2	1	0							1																
Aminoglycosides - Kanamycin	4	1	0									1														
Penicillins - Ampicillin	4	1	0							1																
Cephalosporins - Cefotaxim	0.5	1	0					1																		
Sulphonamides	256	1	0													1										
Cephalosporins - Ceftazidim	2	1	0						1																	

Table Antimicrobial susceptibility testing of S. Livingstone in Gallus gallus (fowl) - broilers - unspecified - quantitative data [Dilution method]

S. Livingstone		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Gallus gallus (fowl) - broilers - unspecified																									
		no																									
		1																									
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	
Amphenicols - Chloramphenicol		16	1	0											1												
Amphenicols - Florfenicol		16	1	0											1												
Tetracyclines - Tetracycline		8	1	0									1														
Fluoroquinolones - Ciprofloxacin		0.06	1	0			1																				
Quinolones - Nalidixic acid		16	1	0										1													
Trimethoprim		2	1	0							1																
Aminoglycosides - Streptomycin		32	1	0											1												
Aminoglycosides - Gentamicin		2	1	0						1																	
Aminoglycosides - Kanamycin		4	1	0										1													
Penicillins - Ampicillin		4	1	0								1															
Cephalosporins - Cefotaxim		0.5	1	0					1																		
Sulphonamides		256	1	0														1									
Cephalosporins - Ceftazidim		2	1	0							1																

Table Antimicrobial susceptibility testing of *S. Orion* in *Gallus gallus* (fowl) - broilers - unspecified - quantitative data [Dilution method]

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

S. Orion	Gallus gallus (fowl) - broilers - unspecified																									
	no																									
	2																									
	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	
Antimicrobials:																										
Amphenicols - Chloramphenicol	16	2	0										2													
Amphenicols - Florfenicol	16	2	0									2														
Tetracyclines - Tetracycline	8	2	0								2															
Fluoroquinolones - Ciprofloxacin	0.06	2	0		1	1																				
Quinolones - Nalidixic acid	16	2	0									2														
Trimethoprim	2	2	0						2																	
Aminoglycosides - Streptomycin	32	2	0											2												
Aminoglycosides - Gentamicin	2	2	0						2																	
Aminoglycosides - Kanamycin	4	2	0									2														
Penicillins - Ampicillin	4	2	0							2																
Cephalosporins - Cefotaxim	0.5	2	0					2																		
Sulphonamides	256	2	0												1	1										
Cephalosporins - Ceftazidim	2	2	0						2																	

Table Antimicrobial susceptibility testing of *S. Kentucky* in *Gallus gallus* (fowl) - broilers - unspecified - quantitative data [Dilution method]

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

S. Kentucky	Gallus gallus (fowl) - broilers - unspecified																									
	no																									
	16																									
	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	
Antimicrobials:																										
Amphenicols - Chloramphenicol	16	16	0										16													
Amphenicols - Florfenicol	16	16	0									10	6													
Tetracyclines - Tetracycline	8	16	1								14	1				1										
Fluoroquinolones - Ciprofloxacin	0.06	16	0		4	12																				
Quinolones - Nalidixic acid	16	16	0									15	1													
Trimethoprim	2	16	2						14						2											
Aminoglycosides - Streptomycin	32	16	0									2	12	2												
Aminoglycosides - Gentamicin	2	16	0					15	1																	
Aminoglycosides - Kanamycin	4	16	0									16														
Penicillins - Ampicillin	4	16	5							5	6				5											
Cephalosporins - Cefotaxim	0.5	16	2					13	1			2														
Sulphonamides	256	16	3												2	5	6		1	2						
Cephalosporins - Ceftazidim	2	16	2						14					2												

Table Antimicrobial susceptibility testing of S. Dublin in Ducks - unspecified - quantitative data [Dilution method]

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

S. Dublin	Ducks - unspecified																								
	no																								
	4																								
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
Amphenicols - Chloramphenicol	16	4	0									1	3												
Amphenicols - Florfenicol	16	4	0									3	1												
Tetracyclines - Tetracycline	8	4	0								3	1													
Fluoroquinolones - Ciprofloxacin	0.06	4	0		4																				
Quinolones - Nalidixic acid	16	4	0										4												
Trimethoprim	2	4	0							4															
Aminoglycosides - Streptomycin	32	4	0										1	3											
Aminoglycosides - Gentamicin	2	4	0						4																
Aminoglycosides - Kanamycin	4	4	0										4												
Penicillins - Ampicillin	4	4	0							1	3														
Cephalosporins - Cefotaxim	0.5	4	0				4																		
Sulphonamides	256	4	0													4									
Cephalosporins - Ceftazidim	2	4	0						4																

Table Antimicrobial susceptibility testing of S. Typhimurium in Ducks - unspecified - quantitative data [Dilution method]

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

S. Typhimurium	Ducks - unspecified																								
	no																								
	59																								
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
Amphenicols - Chloramphenicol	16	59	1										9	49			1								
Amphenicols - Florfenicol	16	59	1										37	21			1								
Tetracyclines - Tetracycline	8	59	1								1	39	18			1									
Fluoroquinolones - Ciprofloxacin	0.06	59	0			16	43																		
Quinolones - Nalidixic acid	16	59	0										9	49	1										
Trimethoprim	2	59	0						59																
Aminoglycosides - Streptomycin	32	59	1											34	21	3	1								
Aminoglycosides - Gentamicin	2	59	0						40	17	2														
Aminoglycosides - Kanamycin	4	59	0										59												
Penicillins - Ampicillin	4	58	0							1	6	51													
Cephalosporins - Cefotaxim	0.5	59	0				8	49	2																
Sulphonamides	256	59	1												1	35	21	1			1				
Cephalosporins - Ceftazidim	2	59	0						34	24	1														

Table Antimicrobial susceptibility testing of *S. Dublin* in *Gallus gallus* (fowl) - broilers - unspecified - quantitative data [Dilution method]

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

S. Dublin	Gallus gallus (fowl) - broilers - unspecified																										
	no																										
	2																										
	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		
Antimicrobials:																											
Amphenicols - Chloramphenicol	16	2	0								1	1															
Amphenicols - Florfenicol	16	2	0								2																
Tetracyclines - Tetracycline	8	2	0							1	1																
Quinolones - Nalidixic acid	16	2	0									2															
Trimethoprim	2	2	0						2																		
Aminoglycosides - Streptomycin	32	2	0											1	1												
Aminoglycosides - Gentamicin	2	2	0					1	1																		
Aminoglycosides - Kanamycin	4	2	0									2															
Penicillins - Ampicillin	4	2	0						1	1																	
Cephalosporins - Cefotaxim	0.5	2	0				2																				
Sulphonamides	256	2	0												1		1										
Cephalosporins - Ceftazidim	2	2	0						2																		

Table Antimicrobial susceptibility testing of S. Agona in Gallus gallus (fowl) - broilers - unspecified - quantitative data [Dilution method]

S. Agona		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																									
		Gallus gallus (fowl) - broilers - unspecified																									
		no																									
		1																									
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	
Amphenicols - Chloramphenicol		16	1	0											1												
Amphenicols - Florfenicol		16	1	0											1												
Tetracyclines - Tetracycline		8	1	0									1														
Fluoroquinolones - Ciprofloxacin		0.06	1	0			1																				
Quinolones - Nalidixic acid		16	1	0										1													
Trimethoprim		2	1	0							1																
Aminoglycosides - Streptomycin		32	1	0											1												
Aminoglycosides - Gentamicin		2	1	0						1																	
Aminoglycosides - Kanamycin		4	1	0										1													
Penicillins - Ampicillin		4	1	0								1															
Cephalosporins - Cefotaxim		0.5	1	0					1																		
Sulphonamides		256	1	0															1								
Cephalosporins - Ceftazidim		2	1	0							1																

Table Antimicrobial susceptibility testing of S. Typhimurium in Gallus gallus (fowl) - breeding flocks, unspecified - adult - quantitative data
[Dilution method]

S. Typhimurium 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) - breeding flocks, unspecified - adult																									
		yes																									
		7																									
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		
Amphenicols - Chloramphenicol	16	7	3										1	3			3										
Amphenicols - Florfenicol	16	7	3										4			3											
Fluoroquinolones - Ciprofloxacin	0.06	7	0		1	6																					
Quinolones - Nalidixic acid	16	7	0										5	2													
Trimethoprim	2	7	3							4						3											
Aminoglycosides - Streptomycin	32	7	3										2	2			3										
Aminoglycosides - Gentamicin	2	7	0						7																		
Aminoglycosides - Kanamycin	4	7	0										7														
Penicillins - Ampicillin	4	7	3								3	1				3											
Cephalosporins - Cefotaxim	0.5	7	0				6	1																			
Sulphonamides	256	7	3													2	2				3						
Cephalosporins - Ceftazidim	2	7	0						7																		

Footnote:
National Salmonella Control Plan

Table Antimicrobial susceptibility testing of *S. Derby* in *Gallus gallus* (fowl) - laying hens - adult - quantitative data [Dilution method]

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

S. Derby	Gallus gallus (fowl) - laying hens - adult																								
	yes																								
	1																								
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
Amphenicols - Chloramphenicol	16	1	0											1											
Amphenicols - Florfenicol	16	1	0										1												
Tetracyclines - Tetracycline	8	1	0									1													
Fluoroquinolones - Ciprofloxacin	0.06	1	0		1																				
Quinolones - Nalidixic acid	16	1	0										1												
Trimethoprim	2	1	0							1															
Aminoglycosides - Streptomycin	32	1	0										1												
Aminoglycosides - Gentamicin	2	1	0							1															
Aminoglycosides - Kanamycin	4	1	0										1												
Penicillins - Ampicillin	4	1	0								1														
Cephalosporins - Cefotaxim	0.5	1	0					1																	
Sulphonamides	256	1	0															1							
Cephalosporins - Ceftazidim	2	1	0						1																

Table Antimicrobial susceptibility testing of S. Kentucky in Gallus gallus (fowl) - broilers (National Control Plan) - 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																									
		Gallus gallus (fowl) - broilers (National Control Plan)																									
		yes																									
		3																									
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		
Amphenicols - Chloramphenicol	16	3	0											3													
Amphenicols - Florfenicol	16	3	0											3													
Tetracyclines - Tetracycline	8	3	0									3															
Fluoroquinolones - Ciprofloxacin	0.06	3	0			3																					
Quinolones - Nalidixic acid	16	3	0										3														
Trimethoprim	2	3	0							3																	
Aminoglycosides - Streptomycin	32	3	0											2	1												
Aminoglycosides - Gentamicin	2	3	0						3																		
Aminoglycosides - Kanamycin	4	3	0										3														
Penicillins - Ampicillin	4	3	0									2	1														
Cephalosporins - Cefotaxim	0.5	3	0					2		1																	
Sulphonamides	256	3	0														2	1									
Cephalosporins - Ceftazidim	2	3	0							2	1																

Footnote:
National Salmonella Control Plan

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Turkeys - meat production flocks (National Control Plan) - quantitative data [Dilution method]

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

Salmonella spp., unspecified	Turkeys - meat production flocks (National Control Plan)																									
	Isolates out of a monitoring program (yes/no)																									
	Number of isolates available in the laboratory																									
	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	
Antimicrobials:																										
Amphenicols - Chloramphenicol	16	2	0									2														
Amphenicols - Florfenicol	16	2	0									2														
Tetracyclines - Tetracycline	8	2	0								2															
Fluoroquinolones - Ciprofloxacin	0.06	2	0		1	1																				
Quinolones - Nalidixic acid	16	2	0									2														
Trimethoprim	2	2	0							2																
Aminoglycosides - Streptomycin	32	2	0										2													
Aminoglycosides - Gentamicin	2	2	0						2																	
Aminoglycosides - Kanamycin	4	2	0									2														
Penicillins - Ampicillin	4	2	0							1	1															
Cephalosporins - Cefotaxim	0.5	2	0				2																			
Sulphonamides	256	2	0											1		1										
Cephalosporins - Ceftazidim	2	2	0						2																	

Isolates out of a monitoring
program (yes/no)

Number of isolates available
in the laboratory

Antimicrobials:

Amphenicols - Chloramphenicol

Amphenicols - Florfenicol

Tetracyclines - Tetracycline

Fluoroquinolones - Ciprofloxacin

Quinolones - Nalidixic acid

Trimethoprim

Aminoglycosides - Streptomycin

Aminoglycosides - Gentamicin

Aminoglycosides - Kanamycin

Penicillins - Ampicillin

Cephalosporins - Cefotaxim

Sulphonamides

Cephalosporins - Ceftazidim

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Poultry, unspecified - quantitative data [Dilution method]

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

Salmonella spp., unspecified	Poultry, unspecified																								
	no																								
	2																								
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
Amphenicols - Chloramphenicol	16	2	0											2											
Amphenicols - Florfenicol	16	2	0											2											
Tetracyclines - Tetracycline	8	2	0									2													
Fluoroquinolones - Ciprofloxacin	0.06	2	0		1	1																			
Quinolones - Nalidixic acid	16	2	0										2												
Trimethoprim	2	2	0							2															
Aminoglycosides - Streptomycin	32	2	0										1	1											
Aminoglycosides - Gentamicin	2	2	0						2																
Aminoglycosides - Kanamycin	4	2	0										2												
Penicillins - Ampicillin	4	2	0								2														
Cephalosporins - Cefotaxim	0.5	2	0				2																		
Sulphonamides	256	2	0													1	1								
Cephalosporins - Ceftazidim	2	2	0						2																

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Spices and herbs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

Salmonella spp., unspecified	Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
	Spices and herbs - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																					1				
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																						
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																				1					
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	0															1										
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	0																									

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Spices and herbs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

Salmonella spp., unspecified Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Spices and herbs - Surveillance - HACCP and own checks																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol						1												8	1024

Table Antimicrobial susceptibility testing of S. Kentucky in Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks - 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 - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	18	0																						17		1	
Amphenicols - Florfenicol	16	18	0																			9			9			
Tetracyclines - Tetracycline	8	18	1																	17								
Fluoroquinolones - Ciprofloxacin	0.06	18	0			1		17																				
Quinolones - Nalidixic acid	16	18	0																			18						
Trimethoprim	2	18	2													15		1										
Aminoglycosides - Streptomycin	32	18	1																						16		1	
Aminoglycosides - Gentamicin	2	18	0											17		1												
Aminoglycosides - Kanamycin	4	18	0																			18						
Penicillins - Ampicillin	4	18	3															4		10		1						
Cephalosporins - Cefotaxim	0.5	18	1									16		1								1						
Cephalosporins - Ceftazidim	2	18	1													15		2								1		
Sulphonamides - Sulfamethoxazol	256	18	2																									

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

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		2																0.5	32
Aminoglycosides - Streptomycin				1														2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		3																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				11		5						2						8	1024

Table Antimicrobial susceptibility testing of S. Bovismorbificans in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Bovismorbificans 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 - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																			1							
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	0																	1									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																					
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	0													1													
Aminoglycosides - Streptomycin	32	1	0																							1			
Aminoglycosides - Gentamicin	2	1	0											1															
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0															1											
Cephalosporins - Cefotaxim	0.5	1	0							1																			
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	0																										

Table Antimicrobial susceptibility testing of *S. Bovismorbificans* in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Bovismorbificans	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol						1												8	1024

Table Antimicrobial susceptibility testing of S. Bredeney in Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Bredeney		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																											
Isolates out of a monitoring program (yes/no)																													
Number of isolates available in the laboratory																													
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	0																	1									
Fluoroquinolones - Ciprofloxacin	0.06	1	0							1																			
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	0													1													
Aminoglycosides - Streptomycin	32	1	0																							1			
Aminoglycosides - Gentamicin	2	1	0											1															
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0																	1									
Cephalosporins - Cefotaxim	0.5	1	0									1																	
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	0																										

Table Antimicrobial susceptibility testing of *S. Bredeney* in Meat from broilers (*Gallus gallus*) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Bredeney	Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1														8	1024

Table Antimicrobial susceptibility testing of S. Infantis in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Infantis	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	1																									
Amphenicols - Florfenicol	16	1	0																							1		
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	1											1														
Quinolones - Nalidixic acid	16	1	1																									
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																									
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	0																			1						
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0													1												
Sulphonamides - Sulfamethoxazol	256	1	1																									

Table Antimicrobial susceptibility testing of *S. Infantis* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Infantis	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol		1																2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				1														4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin		1																2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

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

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

S. Agona	Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	8	0																					8			
Amphenicols - Florfenicol	16	8	0																			6		2			
Tetracyclines - Tetracycline	8	8	0																	8							
Fluoroquinolones - Ciprofloxacin	0.06	8	0			1		7																			
Quinolones - Nalidixic acid	16	8	0																			8					
Trimethoprim	2	8	0													8											
Aminoglycosides - Streptomycin	32	8	0																					7		1	
Aminoglycosides - Gentamicin	2	8	0											7		1											
Aminoglycosides - Kanamycin	4	8	0																			8					
Penicillins - Ampicillin	4	8	0															6		2							
Cephalosporins - Cefotaxim	0.5	8	0									8															
Cephalosporins - Ceftazidim	2	8	0													8											
Sulphonamides - Sulfamethoxazol	256	8	0																								

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

S. Agona	Meat from broilers (<i>Gallus gallus</i>) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				6		2												8	1024

Table Antimicrobial susceptibility testing of S. Give in Meat from pig - fresh - Surveillance - HACCP and own checks - 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																											
		Meat from pig - fresh - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	0																	1									
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																							
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	1																										
Aminoglycosides - Streptomycin	32	1	0																				1						
Aminoglycosides - Gentamicin	2	1	0											1															
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0															1											
Cephalosporins - Cefotaxim	0.5	1	0							1																			
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	1																										

Table Antimicrobial susceptibility testing of S. Give in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Give	Meat from pig - fresh - Surveillance - HACCP and own checks																			
	Isolates out of a monitoring program (yes/no)																			
	Number of isolates available in the laboratory																			
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64	
Amphenicols - Florfenicol																		2	64	
Tetracyclines - Tetracycline																		1	64	
Fluoroquinolones - Ciprofloxacin																		0.008	8	
Quinolones - Nalidixic acid																		4	64	
Trimethoprim		1																0.5	32	
Aminoglycosides - Streptomycin																		2	128	
Aminoglycosides - Gentamicin																		0.25	32	
Aminoglycosides - Kanamycin																		4	128	
Penicillins - Ampicillin																		0.5	32	
Cephalosporins - Cefotaxim																		0.06	4	
Cephalosporins - Ceftazidim																		0.25	16	
Sulphonamides - Sulfamethoxazol												1						8	1024	

Table Antimicrobial susceptibility testing of S. Dublin in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Dublin		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from pig - fresh - Surveillance - HACCP and own checks																											
		Isolates out of a monitoring program (yes/no)																											
		Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																	1									
Amphenicols - Florfenicol	16	1	0																	1									
Tetracyclines - Tetracycline	8	1	0															1											
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																							
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	0													1													
Aminoglycosides - Streptomycin	32	1	0																										
Aminoglycosides - Gentamicin	2	1	0													1													
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0													1													
Cephalosporins - Cefotaxim	0.5	1	0							1																			
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	0																										

Table Antimicrobial susceptibility testing of *S. Dublin* in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Dublin	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin		1																2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1														8	1024

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

S. London		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from pig - fresh - Surveillance - HACCP and own checks																											
		Isolates out of a monitoring program (yes/no)																											
		Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	3	0																			2		1					
Amphenicols - Florfenicol	16	3	0																	1		2							
Tetracyclines - Tetracycline	8	3	0															2		1									
Fluoroquinolones - Ciprofloxacin	0.06	3	0			3																							
Quinolones - Nalidixic acid	16	3	0																			3							
Trimethoprim	2	3	0													3													
Aminoglycosides - Streptomycin	32	3	0																			1		2					
Aminoglycosides - Gentamicin	2	3	0											3															
Aminoglycosides - Kanamycin	4	3	0																			3							
Penicillins - Ampicillin	4	3	0															3											
Cephalosporins - Cefotaxim	0.5	3	0							3																			
Cephalosporins - Ceftazidim	2	3	0											3															
Sulphonamides - Sulfamethoxazol	256	3	0																										

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

S. London	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1		2												8	1024

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

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
S. Colindale	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	3	0																			1		2			
Amphenicols - Florfenicol	16	3	0																			2		1			
Tetracyclines - Tetracycline	8	3	0																	3							
Fluoroquinolones - Ciprofloxacin	0.06	3	0					3																			
Quinolones - Nalidixic acid	16	3	0																			3					
Trimethoprim	2	3	0													3											
Aminoglycosides - Streptomycin	32	3	0																			1		1		1	
Aminoglycosides - Gentamicin	2	3	0											2				1									
Aminoglycosides - Kanamycin	4	3	0																			3					
Penicillins - Ampicillin	4	3	0															2		1							
Cephalosporins - Cefotaxim	0.5	3	0							2		1															
Cephalosporins - Ceftazidim	2	3	0											3													
Sulphonamides - Sulfamethoxazol	256	3	0																								

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

S. Colindale	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				2				1										8	1024

Table Antimicrobial susceptibility testing of S. Colindale in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Colindale		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from pig - fresh - Surveillance - HACCP and own checks																											
		Isolates out of a monitoring program (yes/no)																											
		Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	0																	1									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																					
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	0													1													
Aminoglycosides - Streptomycin	32	1	0																					1					
Aminoglycosides - Gentamicin	2	1	0															1											
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0															1											
Cephalosporins - Cefotaxim	0.5	1	0							1																			
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	0																										

Table Antimicrobial susceptibility testing of *S. Colindale* in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Colindale	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol						1												8	1024

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

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

S. Agona	Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	0																					2			
Amphenicols - Florfenicol	16	2	0																			2					
Tetracyclines - Tetracycline	8	2	0																	2							
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																			
Quinolones - Nalidixic acid	16	2	0																			2					
Trimethoprim	2	2	0													2											
Aminoglycosides - Streptomycin	32	2	0																					2			
Aminoglycosides - Gentamicin	2	2	0											2													
Aminoglycosides - Kanamycin	4	2	0																			2					
Penicillins - Ampicillin	4	2	0															1		1							
Cephalosporins - Cefotaxim	0.5	2	0									2															
Cephalosporins - Ceftazidim	2	2	0													2											
Sulphonamides - Sulfamethoxazol	256	2	0																								

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

S. Agona	Meat from broilers (<i>Gallus gallus</i>) - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				2														8	1024

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

S. Brandenburg 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 - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	2	0																					2					
Amphenicols - Florfenicol	16	2	0																			1		1					
Tetracyclines - Tetracycline	8	2	1																					1					
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																					
Quinolones - Nalidixic acid	16	2	0																			2							
Trimethoprim	2	2	0													2													
Aminoglycosides - Streptomycin	32	2	0																					2					
Aminoglycosides - Gentamicin	2	2	0											2															
Aminoglycosides - Kanamycin	4	2	0																			2							
Penicillins - Ampicillin	4	2	0															1		1									
Cephalosporins - Cefotaxim	0.5	2	0							1		1																	
Cephalosporins - Ceftazidim	2	2	0											2															
Sulphonamides - Sulfamethoxazol	256	2	0																								1		

Table Antimicrobial susceptibility testing of *S. Brandenburg* in Meat from duck - fresh - Surveillance - HACCP and own checks - quantitative data
[Dilution method]

S. Brandenburg	Meat from duck - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1														8	1024

Table Antimicrobial susceptibility testing of S. Saintpaul in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Saintpaul	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	4	0																					4			
Amphenicols - Florfenicol	16	4	0																			1		3			
Tetracyclines - Tetracycline	8	4	4																								
Fluoroquinolones - Ciprofloxacin	0.06	4	0					4																			
Quinolones - Nalidixic acid	16	4	0																			4					
Trimethoprim	2	4	3													1											
Aminoglycosides - Streptomycin	32	4	0																								
Aminoglycosides - Gentamicin	2	4	0											4													
Aminoglycosides - Kanamycin	4	4	0																			4					
Penicillins - Ampicillin	4	4	3																	1							
Cephalosporins - Cefotaxim	0.5	4	0									4															
Cephalosporins - Ceftazidim	2	4	0											4													
Sulphonamides - Sulfamethoxazol	256	4	4																								

Table Antimicrobial susceptibility testing of *S. Saintpaul* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Saintpaul	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				4														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		3																0.5	32
Aminoglycosides - Streptomycin		4																2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		3																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												4						8	1024

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

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

RDNC	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	1																									
Amphenicols - Florfenicol	16	1	0																					1				
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	1																									
Aminoglycosides - Streptomycin	32	1	0																							1		
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	1																									

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

RDNC	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol				1														2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

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

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

U 302	Meat from pig - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16
Amphenicols - Chloramphenicol	16	2	0																			2					
Amphenicols - Florfenicol	16	2	0																			2					
Tetracyclines - Tetracycline	8	2	0																	2							
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																			
Quinolones - Nalidixic acid	16	2	0																			2					
Trimethoprim	2	2	1													1											
Aminoglycosides - Streptomycin	32	2	1																					1			
Aminoglycosides - Gentamicin	2	2	0											1		1											
Aminoglycosides - Kanamycin	4	2	0																			2					
Penicillins - Ampicillin	4	2	0																	2							
Cephalosporins - Cefotaxim	0.5	2	0									2															
Cephalosporins - Ceftazidim	2	2	0											2													
Sulphonamides - Sulfamethoxazol	256	2	2																								

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

U 302	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												2						8	1024

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

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

DT 193	Meat from pig - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16
Amphenicols - Chloramphenicol		16	3	0																					3		
Amphenicols - Florfenicol		16	3	0																			3				
Tetracyclines - Tetracycline		8	3	3																							
Fluoroquinolones - Ciprofloxacin		0.06	3	0					3																		
Quinolones - Nalidixic acid		16	3	0																			3				
Trimethoprim		2	3	0													2		1								
Aminoglycosides - Streptomycin		32	3	3																							
Aminoglycosides - Gentamicin		2	3	0											3												
Aminoglycosides - Kanamycin		4	3	0																			3				
Penicillins - Ampicillin		4	3	3																							
Cephalosporins - Cefotaxim		0.5	3	0									3														
Cephalosporins - Ceftazidim		2	3	0											1		2										
Sulphonamides - Sulfamethoxazol		256	3	3																							

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

DT 193	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				3														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin						3												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		3																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												3						8	1024

Table Antimicrobial susceptibility testing of S. Agona in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Agona		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from pig - fresh - Surveillance - HACCP and own checks																											
Isolates out of a monitoring program (yes/no)																													
Number of isolates available in the laboratory																													
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	3	0																					2		1			
Amphenicols - Florfenicol	16	3	0																					2		1			
Tetracyclines - Tetracycline	8	3	1																	2									
Fluoroquinolones - Ciprofloxacin	0.06	3	3													3													
Quinolones - Nalidixic acid	16	3	3																										
Trimethoprim	2	3	1													2													
Aminoglycosides - Streptomycin	32	3	0																					1		2			
Aminoglycosides - Gentamicin	2	3	0											3															
Aminoglycosides - Kanamycin	4	3	0																			3							
Penicillins - Ampicillin	4	3	1															1		1									
Cephalosporins - Cefotaxim	0.5	3	0									2		1															
Cephalosporins - Ceftazidim	2	3	0													2		1											
Sulphonamides - Sulfamethoxazol	256	3	1																										

Table Antimicrobial susceptibility testing of *S. Agona* in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Agona	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				3														4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1		1								1						8	1024

Table Antimicrobial susceptibility testing of S. Paratyphi B in Meat from bovine animals - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Paratyphi B	Meat from bovine animals - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																					1				
Amphenicols - Florfenicol	16	1	0																					1				
Tetracyclines - Tetracycline	8	1	0																			1						
Fluoroquinolones - Ciprofloxacin	0.06	1	1													1												
Quinolones - Nalidixic acid	16	1	1																									
Trimethoprim	2	1	1																									
Aminoglycosides - Streptomycin	32	1	0																									
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	0																	1								
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0													1												
Sulphonamides - Sulfamethoxazol	256	1	0																									

Table Antimicrobial susceptibility testing of *S. Paratyphi B* in Meat from bovine animals - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Paratyphi B	Meat from bovine animals - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				1														4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin		1																2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1																8	1024

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

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

Not typeable	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																						1			
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																				1					
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																									
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																				1					
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	1																									

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

Not typeable Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

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

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
Salmonella spp., unspecified	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	1																					1			
Amphenicols - Florfenicol	16	2	1																					1			
Tetracyclines - Tetracycline	8	2	1																	1							
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																			
Quinolones - Nalidixic acid	16	2	0																			2					
Trimethoprim	2	2	1													1											
Aminoglycosides - Streptomycin	32	2	1																					1			
Aminoglycosides - Gentamicin	2	2	0											2													
Aminoglycosides - Kanamycin	4	2	0																			2					
Penicillins - Ampicillin	4	2	1																	1							
Cephalosporins - Cefotaxim	0.5	2	0									2															
Cephalosporins - Ceftazidim	2	2	0											1		1											
Sulphonamides - Sulfamethoxazol	256	2	1																								

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - 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 - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol				1														2	64
Amphenicols - Florfenicol		1																2	64
Tetracyclines - Tetracycline		1																1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1								1						8	1024

Table Antimicrobial susceptibility testing of S. Newport in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Newport	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	0																						2			
Amphenicols - Florfenicol	16	2	0																				1		1			
Tetracyclines - Tetracycline	8	2	2																									
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																				
Quinolones - Nalidixic acid	16	2	0																				2					
Trimethoprim	2	2	2																									
Aminoglycosides - Streptomycin	32	2	0																						2			
Aminoglycosides - Gentamicin	2	2	0													1		1										
Aminoglycosides - Kanamycin	4	2	0																				2					
Penicillins - Ampicillin	4	2	2																									
Cephalosporins - Cefotaxim	0.5	2	0							1				1														
Cephalosporins - Ceftazidim	2	2	0											1		1												
Sulphonamides - Sulfamethoxazol	256	2	2																									

Table Antimicrobial susceptibility testing of *S. Newport* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Newport	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				2														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		2																0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		2																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												2						8	1024

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

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

DT 17	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																						1			
Amphenicols - Florfenicol	16	1	0																						1			
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																				1					
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																								1	
Aminoglycosides - Gentamicin	2	1	0													1												
Aminoglycosides - Kanamycin	4	1	0																				1					
Penicillins - Ampicillin	4	1	0															1										
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	0																									

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 17 in Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

DT 17	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																			
	Isolates out of a monitoring program (yes/no)																			
	Number of isolates available in the laboratory																			
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
	Amphenicols - Chloramphenicol																		2	64
	Amphenicols - Florfenicol																		2	64
	Tetracyclines - Tetracycline																		1	64
	Fluoroquinolones - Ciprofloxacin																		0.008	8
	Quinolones - Nalidixic acid																		4	64
	Trimethoprim																		0.5	32
	Aminoglycosides - Streptomycin																		2	128
	Aminoglycosides - Gentamicin																		0.25	32
	Aminoglycosides - Kanamycin																		4	128
	Penicillins - Ampicillin																		0.5	32
	Cephalosporins - Cefotaxim																		0.06	4
	Cephalosporins - Ceftazidim																		0.25	16
	Sulphonamides - Sulfamethoxazol		1																8	1024

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

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

Not typeable	Meat from pig - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																						1			
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																				1					
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																									
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																				1					
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	1																									

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

Not typeable	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Dublin in Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Dublin	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																			1					
Amphenicols - Florfenicol	16	1	0																			1					
Tetracyclines - Tetracycline	8	1	0															1									
Fluoroquinolones - Ciprofloxacin	0.06	1	1									1															
Quinolones - Nalidixic acid	16	1	0																							1	
Trimethoprim	2	1	0													1											
Aminoglycosides - Streptomycin	32	1	0																							1	
Aminoglycosides - Gentamicin	2	1	0											1													
Aminoglycosides - Kanamycin	4	1	0																			1					
Penicillins - Ampicillin	4	1	0															1									
Cephalosporins - Cefotaxim	0.5	1	0							1																	
Cephalosporins - Ceftazidim	2	1	0											1													
Sulphonamides - Sulfamethoxazol	256	1	0																								

Table Antimicrobial susceptibility testing of *S. Dublin* in Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Dublin	Meat from poultry, unspecified - meat products - cooked, ready-to-eat - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1																8	1024

Table Antimicrobial susceptibility testing of S. Virchow in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Virchow	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16
Amphenicols - Chloramphenicol	16	6	0																			2		4			
Amphenicols - Florfenicol	16	6	0																			5		1			
Tetracyclines - Tetracycline	8	6	2															3		1							
Fluoroquinolones - Ciprofloxacin	0.06	6	6									2		1		3											
Quinolones - Nalidixic acid	16	6	6																								
Trimethoprim	2	6	2													4											
Aminoglycosides - Streptomycin	32	6	2																					4			
Aminoglycosides - Gentamicin	2	6	2											4												2	
Aminoglycosides - Kanamycin	4	6	0																			6					
Penicillins - Ampicillin	4	6	2															4									
Cephalosporins - Cefotaxim	0.5	6	0							5		1															
Cephalosporins - Ceftazidim	2	6	0											5		1											
Sulphonamides - Sulfamethoxazol	256	6	2																								

Table Antimicrobial susceptibility testing of *S. Virchow* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Virchow	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				2														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				6														4	64
Trimethoprim		2																0.5	32
Aminoglycosides - Streptomycin						2												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		2																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1		3								2						8	1024

Table Antimicrobial susceptibility testing of S. Virchow in Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Virchow	Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																						1			
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	1									1																
Quinolones - Nalidixic acid	16	1	1																									
Trimethoprim	2	1	1																									
Aminoglycosides - Streptomycin	32	1	1																									
Aminoglycosides - Gentamicin	2	1	1																								1	
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	1																									

Table Antimicrobial susceptibility testing of *S. Virchow* in Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Virchow	Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				1														4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Senftenberg in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Senftenberg		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																											
		Isolates out of a monitoring program (yes/no)																											
		Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																					1					
Tetracyclines - Tetracycline	8	1	0																	1									
Fluoroquinolones - Ciprofloxacin	0.06	1	1											1															
Quinolones - Nalidixic acid	16	1	1																										
Trimethoprim	2	1	0													1													
Aminoglycosides - Streptomycin	32	1	0																					1					
Aminoglycosides - Gentamicin	2	1	0													1													
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0															1											
Cephalosporins - Cefotaxim	0.5	1	0									1																	
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	0																										

Table Antimicrobial susceptibility testing of *S. Senftenberg* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Senftenberg	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				1														4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1														8	1024

Table Antimicrobial susceptibility testing of S. Dublin in Meat from sheep - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Dublin	Meat from sheep - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	3	0																			3					
Amphenicols - Florfenicol	16	3	0																			3					
Tetracyclines - Tetracycline	8	3	0															1		2							
Fluoroquinolones - Ciprofloxacin	0.06	3	0			1		2																			
Quinolones - Nalidixic acid	16	3	0																			3					
Trimethoprim	2	3	0													3											
Aminoglycosides - Streptomycin	32	3	0																					3			
Aminoglycosides - Gentamicin	2	3	0											3													
Aminoglycosides - Kanamycin	4	3	0																			3					
Penicillins - Ampicillin	4	3	0													1		2									
Cephalosporins - Cefotaxim	0.5	3	0							3																	
Cephalosporins - Ceftazidim	2	3	0											3													
Sulphonamides - Sulfamethoxazol	256	3	0																								

Table Antimicrobial susceptibility testing of S. Dublin in Meat from sheep - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Dublin	Meat from sheep - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		3																8	1024

Table Antimicrobial susceptibility testing of S. Dublin in Meat from sheep - fresh - Surveillance - HACCP and own checks - 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																											
		Meat from sheep - fresh - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	4	0																	2		2							
Amphenicols - Florfenicol	16	4	0																	2		2							
Tetracyclines - Tetracycline	8	4	0															3		1									
Fluoroquinolones - Ciprofloxacin	0.06	4	2			1				1		1		1															
Quinolones - Nalidixic acid	16	4	1																			1				2			
Trimethoprim	2	4	0													4													
Aminoglycosides - Streptomycin	32	4	0																						4				
Aminoglycosides - Gentamicin	2	4	0											3		1													
Aminoglycosides - Kanamycin	4	4	0																			4							
Penicillins - Ampicillin	4	4	0													2		2											
Cephalosporins - Cefotaxim	0.5	4	0							4																			
Cephalosporins - Ceftazidim	2	4	0											4															
Sulphonamides - Sulfamethoxazol	256	4	0																								1		

Table Antimicrobial susceptibility testing of S. Dublin in Meat from sheep - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Dublin	Meat from sheep - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				1														4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		2		1														8	1024

Table Antimicrobial susceptibility testing of S. Kentucky in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Kentucky	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	3	0																					3			
Amphenicols - Florfenicol	16	3	0																			2		1			
Tetracyclines - Tetracycline	8	3	1																	1		1					
Fluoroquinolones - Ciprofloxacin	0.06	3	0			1		2																			
Quinolones - Nalidixic acid	16	3	0																			3					
Trimethoprim	2	3	0													3											
Aminoglycosides - Streptomycin	32	3	0																					3			
Aminoglycosides - Gentamicin	2	3	0											3													
Aminoglycosides - Kanamycin	4	3	0																			3					
Penicillins - Ampicillin	4	3	1													1						1					
Cephalosporins - Cefotaxim	0.5	3	0									2		1													
Cephalosporins - Ceftazidim	2	3	0													2		1									
Sulphonamides - Sulfamethoxazol	256	3	0																								

Table Antimicrobial susceptibility testing of *S. Kentucky* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1		2												8	1024

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

Salmonella spp., unspecified	Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
	Meat from pig - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																			1						
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	0															1										
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0															1										
Aminoglycosides - Streptomycin	32	1	1																									
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	0																	1								
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0													1												
Sulphonamides - Sulfamethoxazol	256	1	1																									

Table Antimicrobial susceptibility testing of *Salmonella* spp., unspecified in Meat from pig - fresh - Surveillance - HACCP and own checks - 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 - fresh - Surveillance - HACCP and own checks																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin				1														2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Brandenburg in Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Brandenburg	Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																					1				
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																					1				
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	0																									

Table Antimicrobial susceptibility testing of S. Brandenburg in Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Brandenburg Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1														8	1024

Table Antimicrobial susceptibility testing of S. Brandenburg in Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Brandenburg	Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	0																					2			
Amphenicols - Florfenicol	16	2	0																			1		1			
Tetracyclines - Tetracycline	8	2	2																							1	
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																			
Quinolones - Nalidixic acid	16	2	0																			2					
Trimethoprim	2	2	0													2											
Aminoglycosides - Streptomycin	32	2	0																					2			
Aminoglycosides - Gentamicin	2	2	0											2													
Aminoglycosides - Kanamycin	4	2	0																			2					
Penicillins - Ampicillin	4	2	0															2									
Cephalosporins - Cefotaxim	0.5	2	0							2																	
Cephalosporins - Ceftazidim	2	2	0											2													
Sulphonamides - Sulfamethoxazol	256	2	0																								

Table Antimicrobial susceptibility testing of *S. Brandenburg* in Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Brandenburg	Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1		1														8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 208 in Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

DT 208	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	1																									
Amphenicols - Florfenicol	16	1	0																					1				
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	1																									
Aminoglycosides - Streptomycin	32	1	0																								1	
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	1																									

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 208 in Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

DT 208	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol		1																2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

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

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

DT 193	Meat from bovine animals - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																						1			
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																				1					
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																									
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																				1					
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	1																									

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

DT 193	Meat from bovine animals - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

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

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

DT 12	Meat from pig - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	3	2																						1			
Amphenicols - Florfenicol	16	3	2																			1						
Tetracyclines - Tetracycline	8	3	3																									
Fluoroquinolones - Ciprofloxacin	0.06	3	0					3																				
Quinolones - Nalidixic acid	16	3	0																			3						
Trimethoprim	2	3	0													3												
Aminoglycosides - Streptomycin	32	3	2																								1	
Aminoglycosides - Gentamicin	2	3	0													3												
Aminoglycosides - Kanamycin	4	3	0																			3						
Penicillins - Ampicillin	4	3	2															1										
Cephalosporins - Cefotaxim	0.5	3	0							1		1		1														
Cephalosporins - Ceftazidim	2	3	0											2		1												
Sulphonamides - Sulfamethoxazol	256	3	2																									

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

DT 12	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:				2														2	64
Amphenicols - Chloramphenicol				2														2	64
Amphenicols - Florfenicol		1		1														2	64
Tetracyclines - Tetracycline		1		2														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin				1		1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		2																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1								2						8	1024

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

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

U 302	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16
Amphenicols - Chloramphenicol	16	5	3																						2		
Amphenicols - Florfenicol	16	5	2																			2					1
Tetracyclines - Tetracycline	8	5	5																								
Fluoroquinolones - Ciprofloxacin	0.06	5	1					4										1									
Quinolones - Nalidixic acid	16	5	1																			3			1		
Trimethoprim	2	5	2													3											
Aminoglycosides - Streptomycin	32	5	3																						1		
Aminoglycosides - Gentamicin	2	5	0											3		2											
Aminoglycosides - Kanamycin	4	5	0																			5					
Penicillins - Ampicillin	4	5	3																	2							
Cephalosporins - Cefotaxim	0.5	5	0									4		1													
Cephalosporins - Ceftazidim	2	5	0											2		3											
Sulphonamides - Sulfamethoxazol	256	5	3																								

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

U 302	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol				3														2	64
Amphenicols - Florfenicol		2																2	64
Tetracyclines - Tetracycline		1		4														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				1														4	64
Trimethoprim		2																0.5	32
Aminoglycosides - Streptomycin		1		1		2												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		3																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				2								3						8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - U 322 in Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

U 322	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	2																								
Amphenicols - Florfenicol	16	2	0																							2	
Tetracyclines - Tetracycline	8	2	2																								
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																			
Quinolones - Nalidixic acid	16	2	0																			2					
Trimethoprim	2	2	2																								
Aminoglycosides - Streptomycin	32	2	2																								
Aminoglycosides - Gentamicin	2	2	0													2											
Aminoglycosides - Kanamycin	4	2	0																			2					
Penicillins - Ampicillin	4	2	2																								
Cephalosporins - Cefotaxim	0.5	2	0									2															
Cephalosporins - Ceftazidim	2	2	0													2											
Sulphonamides - Sulfamethoxazol	256	2	2																								

Table Antimicrobial susceptibility testing of *S. Typhimurium* - U 322 in Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

U 322	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol				2														2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				2														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		2																0.5	32
Aminoglycosides - Streptomycin						2												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		2																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												2						8	1024

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

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

S. Dublin	Meat from bovine animals - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	3	0																	1		2					
Amphenicols - Florfenicol	16	3	0																	1		2					
Tetracyclines - Tetracycline	8	3	0															3									
Fluoroquinolones - Ciprofloxacin	0.06	3	0			2		1																			
Quinolones - Nalidixic acid	16	3	0																			2		1			
Trimethoprim	2	3	0													3											
Aminoglycosides - Streptomycin	32	3	0																			1		2			
Aminoglycosides - Gentamicin	2	3	0											3													
Aminoglycosides - Kanamycin	4	3	0																			3					
Penicillins - Ampicillin	4	3	0													1		1				1					
Cephalosporins - Cefotaxim	0.5	3	0							2				1													
Cephalosporins - Ceftazidim	2	3	0											3													
Sulphonamides - Sulfamethoxazol	256	3	0																								

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

S. Dublin	Meat from bovine animals - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																			
	Isolates out of a monitoring program (yes/no)																			
	Number of isolates available in the laboratory																			
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
	Amphenicols - Chloramphenicol																		2	64
	Amphenicols - Florfenicol																		2	64
	Tetracyclines - Tetracycline																		1	64
	Fluoroquinolones - Ciprofloxacin																		0.008	8
	Quinolones - Nalidixic acid																		4	64
	Trimethoprim																		0.5	32
	Aminoglycosides - Streptomycin																		2	128
	Aminoglycosides - Gentamicin																		0.25	32
	Aminoglycosides - Kanamycin																		4	128
	Penicillins - Ampicillin																		0.5	32
	Cephalosporins - Cefotaxim																		0.06	4
	Cephalosporins - Ceftazidim																		0.25	16
	Sulphonamides - Sulfamethoxazol		3																8	1024

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

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

S. Derby	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	5	0																					5				
Amphenicols - Florfenicol	16	5	0																					5				
Tetracyclines - Tetracycline	8	5	3																	2								
Fluoroquinolones - Ciprofloxacin	0.06	5	0			1		4																				
Quinolones - Nalidixic acid	16	5	0																			5						
Trimethoprim	2	5	2													3												
Aminoglycosides - Streptomycin	32	5	1																					2		2		
Aminoglycosides - Gentamicin	2	5	1											3		1										1		
Aminoglycosides - Kanamycin	4	5	0																			5						
Penicillins - Ampicillin	4	5	1															1		3								
Cephalosporins - Cefotaxim	0.5	5	0									4		1														
Cephalosporins - Ceftazidim	2	5	0													5												
Sulphonamides - Sulfamethoxazol	256	5	2																									

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

S. Derby Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																		2	64
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				3														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		2																0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				2		1						2						8	1024

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

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 193	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																					1			
Amphenicols - Florfenicol	16	1	0																			1					
Tetracyclines - Tetracycline	8	1	1																								
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																					
Quinolones - Nalidixic acid	16	1	0																			1					
Trimethoprim	2	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																								
Aminoglycosides - Gentamicin	2	1	0													1											
Aminoglycosides - Kanamycin	4	1	0																			1					
Penicillins - Ampicillin	4	1	1																								
Cephalosporins - Cefotaxim	0.5	1	0									1															
Cephalosporins - Ceftazidim	2	1	0													1											
Sulphonamides - Sulfamethoxazol	256	1	1																								

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

DT 193	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

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

DT 193		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from pig - fresh - Surveillance - HACCP and own checks																											
		Isolates out of a monitoring program (yes/no)																											
		Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	10	3																					7					
Amphenicols - Florfenicol	16	10	1																			5		2		2			
Tetracyclines - Tetracycline	8	10	9																	1									
Fluoroquinolones - Ciprofloxacin	0.06	10	2			1		6		1				2															
Quinolones - Nalidixic acid	16	10	2																			7		1					
Trimethoprim	2	10	4													6													
Aminoglycosides - Streptomycin	32	10	8																					1		1			
Aminoglycosides - Gentamicin	2	10	0											9		1													
Aminoglycosides - Kanamycin	4	10	2																			8							
Penicillins - Ampicillin	4	10	10																										
Cephalosporins - Cefotaxim	0.5	10	0							4		5		1															
Cephalosporins - Ceftazidim	2	10	0											7		3													
Sulphonamides - Sulfamethoxazol	256	10	10																										

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

DT 193	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol				3														2	64
Amphenicols - Florfenicol		1																2	64
Tetracyclines - Tetracycline				9														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				2														4	64
Trimethoprim		4																0.5	32
Aminoglycosides - Streptomycin						8												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin						2												4	128
Penicillins - Ampicillin		10																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												10						8	1024

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

S. Rissen		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from pig - fresh - Surveillance - HACCP and own checks																											
		Isolates out of a monitoring program (yes/no)																											
		Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	3	0																					2		1			
Amphenicols - Florfenicol	16	3	0																					3					
Tetracyclines - Tetracycline	8	3	3																										
Fluoroquinolones - Ciprofloxacin	0.06	3	0			1		2																					
Quinolones - Nalidixic acid	16	3	0																			3							
Trimethoprim	2	3	1													2													
Aminoglycosides - Streptomycin	32	3	0																					3					
Aminoglycosides - Gentamicin	2	3	0											1		2													
Aminoglycosides - Kanamycin	4	3	0																			3							
Penicillins - Ampicillin	4	3	1																	2									
Cephalosporins - Cefotaxim	0.5	3	0									2		1															
Cephalosporins - Ceftazidim	2	3	0													3													
Sulphonamides - Sulfamethoxazol	256	3	1																										

Table Antimicrobial susceptibility testing of *S. Rissen* in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Rissen	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				3														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1		1								1						8	1024

Table Antimicrobial susceptibility testing of S. Mbandaka in Meat from bovine animals - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Mbandaka	Meat from bovine animals - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																					1			
Amphenicols - Florfenicol	16	1	0																					1			
Tetracyclines - Tetracycline	8	1	0																	1							
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																					
Quinolones - Nalidixic acid	16	1	0																			1					
Trimethoprim	2	1	0													1											
Aminoglycosides - Streptomycin	32	1	0																					1			
Aminoglycosides - Gentamicin	2	1	0													1											
Aminoglycosides - Kanamycin	4	1	0																			1					
Penicillins - Ampicillin	4	1	0																	1							
Cephalosporins - Cefotaxim	0.5	1	0									1															
Cephalosporins - Ceftazidim	2	1	0													1											
Sulphonamides - Sulfamethoxazol	256	1	0																								

Table Antimicrobial susceptibility testing of *S. Mbandaka* in Meat from bovine animals - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Mbandaka	Meat from bovine animals - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol						1												8	1024

Table Antimicrobial susceptibility testing of S. Kentucky in Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Kentucky	Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	10	0																					10			
Amphenicols - Florfenicol	16	10	0																			3		7			
Tetracyclines - Tetracycline	8	10	0																	10							
Fluoroquinolones - Ciprofloxacin	0.06	10	0			2		8																			
Quinolones - Nalidixic acid	16	10	0																			9		1			
Trimethoprim	2	10	1													9											
Aminoglycosides - Streptomycin	32	10	1																					7		2	
Aminoglycosides - Gentamicin	2	10	0											9		1											
Aminoglycosides - Kanamycin	4	10	0																			10					
Penicillins - Ampicillin	4	10	2															1		7							
Cephalosporins - Cefotaxim	0.5	10	0									9		1													
Cephalosporins - Ceftazidim	2	10	0													10											
Sulphonamides - Sulfamethoxazol	256	10	1																								

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

S. Kentucky	Meat from broilers (<i>Gallus gallus</i>) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		2																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				2		7						1						8	1024

Table Antimicrobial susceptibility testing of S. Kentucky in Meat from duck - fresh - Surveillance - HACCP and own checks - 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 - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	0																	1									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																					
Quinolones - Nalidixic acid	16	1	0																							1			
Trimethoprim	2	1	0													1													
Aminoglycosides - Streptomycin	32	1	0																					1					
Aminoglycosides - Gentamicin	2	1	0											1															
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0															1											
Cephalosporins - Cefotaxim	0.5	1	0									1																	
Cephalosporins - Ceftazidim	2	1	0													1													
Sulphonamides - Sulfamethoxazol	256	1	0																										

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

S. Kentucky Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from duck - fresh - Surveillance - HACCP and own checks																			
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64	
Amphenicols - Florfenicol																		2	64	
Tetracyclines - Tetracycline																		1	64	
Fluoroquinolones - Ciprofloxacin																		0.008	8	
Quinolones - Nalidixic acid																		4	64	
Trimethoprim																		0.5	32	
Aminoglycosides - Streptomycin																		2	128	
Aminoglycosides - Gentamicin																		0.25	32	
Aminoglycosides - Kanamycin																		4	128	
Penicillins - Ampicillin																		0.5	32	
Cephalosporins - Cefotaxim																		0.06	4	
Cephalosporins - Ceftazidim																		0.25	16	
Sulphonamides - Sulfamethoxazol				1														8	1024	

Table Antimicrobial susceptibility testing of S. Minnesota in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Minnesota 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 poultry, unspecified - fresh - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	1																										
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																					
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	0													1													
Aminoglycosides - Streptomycin	32	1	0																							1			
Aminoglycosides - Gentamicin	2	1	0											1															
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0															1											
Cephalosporins - Cefotaxim	0.5	1	0									1																	
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	1																										

Table Antimicrobial susceptibility testing of *S. Minnesota* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Minnesota Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Newport in Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Newport		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																											
		Isolates out of a monitoring program (yes/no)																											
		Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	0																	1									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																					
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	0													1													
Aminoglycosides - Streptomycin	32	1	0																					1					
Aminoglycosides - Gentamicin	2	1	0													1													
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0															1											
Cephalosporins - Cefotaxim	0.5	1	0									1																	
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	0																										

Table Antimicrobial susceptibility testing of *S. Newport* in Meat from broilers (*Gallus gallus*) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Newport Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																			
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64	
Amphenicols - Florfenicol																		2	64	
Tetracyclines - Tetracycline																		1	64	
Fluoroquinolones - Ciprofloxacin																		0.008	8	
Quinolones - Nalidixic acid																		4	64	
Trimethoprim																		0.5	32	
Aminoglycosides - Streptomycin																		2	128	
Aminoglycosides - Gentamicin																		0.25	32	
Aminoglycosides - Kanamycin																		4	128	
Penicillins - Ampicillin																		0.5	32	
Cephalosporins - Cefotaxim																		0.06	4	
Cephalosporins - Ceftazidim																		0.25	16	
Sulphonamides - Sulfamethoxazol						1												8	1024	

Table Antimicrobial susceptibility testing of S. Schwarzengrund in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks
- quantitative data [Dilution method]

S. Schwarzengrund 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 poultry, unspecified - fresh - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	1																										
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																					
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	1																										
Aminoglycosides - Streptomycin	32	1	0																					1					
Aminoglycosides - Gentamicin	2	1	0											1															
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	1																										
Cephalosporins - Cefotaxim	0.5	1	0							1																			
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	1																										

Table Antimicrobial susceptibility testing of *S. Schwarzengrund* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks
- quantitative data [Dilution method]

S. Schwarzengrund	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Saintpaul in Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Saintpaul	Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																					1				
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																									
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	0																			1						
Cephalosporins - Cefotaxim	0.5	1	0											1														
Cephalosporins - Ceftazidim	2	1	0													1												
Sulphonamides - Sulfamethoxazol	256	1	1																									

Table Antimicrobial susceptibility testing of *S. Saintpaul* in Meat from broilers (*Gallus gallus*) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Saintpaul Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (<i>Gallus gallus</i>) - fresh - Surveillance - HACCP and own checks																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin		1																2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

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

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

DT 104	Meat from bovine animals - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	1																									
Amphenicols - Florfenicol	16	1	1																									
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																									
Aminoglycosides - Gentamicin	2	1	0													1												
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	1																									

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

DT 104	Meat from bovine animals - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol				1														2	64
Amphenicols - Florfenicol				1														2	64
Tetracyclines - Tetracycline		1																1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin				1														2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

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

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

DT 104b	Meat from pig - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	11	3																						8			
Amphenicols - Florfenicol	16	11	3																			8						
Tetracyclines - Tetracycline	8	11	3																	7		1						
Fluoroquinolones - Ciprofloxacin	0.06	11	0					11																				
Quinolones - Nalidixic acid	16	11	0																			11						
Trimethoprim	2	11	0													11												
Aminoglycosides - Streptomycin	32	11	3																						7		1	
Aminoglycosides - Gentamicin	2	11	0											9		2												
Aminoglycosides - Kanamycin	4	11	0																			11						
Penicillins - Ampicillin	4	11	11																									
Cephalosporins - Cefotaxim	0.5	11	0							3		8																
Cephalosporins - Ceftazidim	2	11	0											8		3												
Sulphonamides - Sulfamethoxazol	256	11	11																									

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

DT 104b	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol				3														2	64
Amphenicols - Florfenicol		3																2	64
Tetracyclines - Tetracycline		2		1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin				3														2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		11																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												11						8	1024

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

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

DT 104b	Meat from bovine animals - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	1																									
Amphenicols - Florfenicol	16	1	1																									
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																									
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0													1												
Sulphonamides - Sulfamethoxazol	256	1	1																									

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 104b in Meat from bovine animals - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

DT 104b	Meat from bovine animals - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol				1														2	64
Amphenicols - Florfenicol		1																2	64
Tetracyclines - Tetracycline		1																1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin				1														2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 low in Meat from pig - fresh - Surveillance - HACCP and own checks - 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 - fresh - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	2	1																					1					
Amphenicols - Florfenicol	16	2	0																			1				1			
Tetracyclines - Tetracycline	8	2	2																										
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																					
Quinolones - Nalidixic acid	16	2	0																			2							
Trimethoprim	2	2	0													2													
Aminoglycosides - Streptomycin	32	2	2																										
Aminoglycosides - Gentamicin	2	2	0											2															
Aminoglycosides - Kanamycin	4	2	1																			1							
Penicillins - Ampicillin	4	2	2																										
Cephalosporins - Cefotaxim	0.5	2	0							1		1																	
Cephalosporins - Ceftazidim	2	2	0											2															
Sulphonamides - Sulfamethoxazol	256	2	2																										

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

DT 120 low	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol				1														2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline		1		1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin				1		1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin						1												4	128
Penicillins - Ampicillin		2																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												2						8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - U 288 in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

U 288 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 - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	1																										
Amphenicols - Florfenicol	16	1	0																							1			
Tetracyclines - Tetracycline	8	1	1																										
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																					
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	1																										
Aminoglycosides - Streptomycin	32	1	1																										
Aminoglycosides - Gentamicin	2	1	0													1													
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	1																										
Cephalosporins - Cefotaxim	0.5	1	0									1																	
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	1																										

Table Antimicrobial susceptibility testing of *S. Typhimurium* - U 288 in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

U 288	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol				1														2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 8 in Meat from duck - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

DT 8	Meat from duck - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16
Amphenicols - Chloramphenicol	16	2	0																						2		
Amphenicols - Florfenicol	16	2	0																			2					
Tetracyclines - Tetracycline	8	2	0																	1		1					
Fluoroquinolones - Ciprofloxacin	0.06	2	0							2																	
Quinolones - Nalidixic acid	16	2	0																						2		
Trimethoprim	2	2	0													2											
Aminoglycosides - Streptomycin	32	2	0																						2		
Aminoglycosides - Gentamicin	2	2	0											1		1											
Aminoglycosides - Kanamycin	4	2	0																			2					
Penicillins - Ampicillin	4	2	0																	2							
Cephalosporins - Cefotaxim	0.5	2	0									2															
Cephalosporins - Ceftazidim	2	2	0													2											
Sulphonamides - Sulfamethoxazol	256	2	0																								

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 8 in Meat from duck - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

DT 8	Meat from duck - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1		1														8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 12 in Meat from bovine animals - fresh - Surveillance - HACCP and own checks
- 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																											
		Meat from bovine animals - fresh - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	2	2																										
Amphenicols - Florfenicol	16	2	2																										
Tetracyclines - Tetracycline	8	2	2																										
Fluoroquinolones - Ciprofloxacin	0.06	2	0							2																			
Quinolones - Nalidixic acid	16	2	0																					2					
Trimethoprim	2	2	0													1		1											
Aminoglycosides - Streptomycin	32	2	2																										
Aminoglycosides - Gentamicin	2	2	0											2															
Aminoglycosides - Kanamycin	4	2	0																			2							
Penicillins - Ampicillin	4	2	2																										
Cephalosporins - Cefotaxim	0.5	2	0											2															
Cephalosporins - Ceftazidim	2	2	0											1		1													
Sulphonamides - Sulfamethoxazol	256	2	2																										

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 12 in Meat from bovine animals - fresh - Surveillance - HACCP and own checks
- quantitative data [Dilution method]

DT 12	Meat from bovine animals - fresh - Surveillance - HACCP and own checks																			
	Isolates out of a monitoring program (yes/no)																			
	Number of isolates available in the laboratory																			
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol				2														2	64	
Amphenicols - Florfenicol				2														2	64	
Tetracyclines - Tetracycline				2														1	64	
Fluoroquinolones - Ciprofloxacin																		0.008	8	
Quinolones - Nalidixic acid																		4	64	
Trimethoprim																		0.5	32	
Aminoglycosides - Streptomycin						2												2	128	
Aminoglycosides - Gentamicin																		0.25	32	
Aminoglycosides - Kanamycin																		4	128	
Penicillins - Ampicillin		2																0.5	32	
Cephalosporins - Cefotaxim																		0.06	4	
Cephalosporins - Ceftazidim																		0.25	16	
Sulphonamides - Sulfamethoxazol												2						8	1024	

Table Antimicrobial susceptibility testing of S. Ohio in Meat from pig - fresh - Surveillance - HACCP and own checks - 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 pig - fresh - Surveillance - HACCP and own checks																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																					1				
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	1											1														
Quinolones - Nalidixic acid	16	1	1																									
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																					1				
Aminoglycosides - Gentamicin	2	1	0													1												
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	0																	1								
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0													1												
Sulphonamides - Sulfamethoxazol	256	1	0																									

Table Antimicrobial susceptibility testing of S. Ohio in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Ohio	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				1														4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1														8	1024

Table Antimicrobial susceptibility testing of *S. Agona* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Agona	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																							1	
Amphenicols - Florfenicol	16	1	0																							1	
Tetracyclines - Tetracycline	8	1	0																					1			
Fluoroquinolones - Ciprofloxacin	0.06	1	1															1									
Quinolones - Nalidixic acid	16	1	1																								
Trimethoprim	2	1	0													1											
Aminoglycosides - Streptomycin	32	1	0																							1	
Aminoglycosides - Gentamicin	2	1	0											1													
Aminoglycosides - Kanamycin	4	1	0																			1					
Penicillins - Ampicillin	4	1	0																			1					
Cephalosporins - Cefotaxim	0.5	1	0											1													
Cephalosporins - Ceftazidim	2	1	0															1									
Sulphonamides - Sulfamethoxazol	256	1	0																								

Table Antimicrobial susceptibility testing of *S. Agona* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Agona	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				1														4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1														8	1024

Table Antimicrobial susceptibility testing of S. Paratyphi B in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Paratyphi B	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																					1				
Amphenicols - Florfenicol	16	1	0																					1				
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	1													1												
Quinolones - Nalidixic acid	16	1	1																									
Trimethoprim	2	1	1																									
Aminoglycosides - Streptomycin	32	1	1																									
Aminoglycosides - Gentamicin	2	1	1																					1				
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	1																			1						
Cephalosporins - Ceftazidim	2	1	1																			1						
Sulphonamides - Sulfamethoxazol	256	1	1																									

Table Antimicrobial susceptibility testing of *S. Paratyphi B* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Paratyphi B	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				1														4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

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

S. Bredeney		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from pig - fresh - Surveillance - HACCP and own checks																											
		Isolates out of a monitoring program (yes/no)																											
		Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	6	0																					6					
Amphenicols - Florfenicol	16	6	0																			6							
Tetracyclines - Tetracycline	8	6	0																	6									
Fluoroquinolones - Ciprofloxacin	0.06	6	0			1		5																					
Quinolones - Nalidixic acid	16	6	0																			6							
Trimethoprim	2	6	0													5		1											
Aminoglycosides - Streptomycin	32	6	0																					5		1			
Aminoglycosides - Gentamicin	2	6	0											4		2													
Aminoglycosides - Kanamycin	4	6	0																			6							
Penicillins - Ampicillin	4	6	0															4		1		1							
Cephalosporins - Cefotaxim	0.5	6	0							4		2																	
Cephalosporins - Ceftazidim	2	6	0											5		1													
Sulphonamides - Sulfamethoxazol	256	6	0																										

Table Antimicrobial susceptibility testing of *S. Bredeney* in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Bredeney	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		6																8	1024

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

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

S. London	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	0																			1		1			
Amphenicols - Florfenicol	16	2	0																			2					
Tetracyclines - Tetracycline	8	2	0															1		1							
Fluoroquinolones - Ciprofloxacin	0.06	2	0			2																					
Quinolones - Nalidixic acid	16	2	0																			2					
Trimethoprim	2	2	0													2											
Aminoglycosides - Streptomycin	32	2	0																					1		1	
Aminoglycosides - Gentamicin	2	2	0											2													
Aminoglycosides - Kanamycin	4	2	0																			2					
Penicillins - Ampicillin	4	2	0															2									
Cephalosporins - Cefotaxim	0.5	2	0							1		1															
Cephalosporins - Ceftazidim	2	2	0											2													
Sulphonamides - Sulfamethoxazol	256	2	0																								

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

S. London	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				2														8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - DT 193 in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

DT 193	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	0																						2			
Amphenicols - Florfenicol	16	2	0																			2						
Tetracyclines - Tetracycline	8	2	2																									
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																				
Quinolones - Nalidixic acid	16	2	0																				2					
Trimethoprim	2	2	0													2												
Aminoglycosides - Streptomycin	32	2	2																									
Aminoglycosides - Gentamicin	2	2	0											2														
Aminoglycosides - Kanamycin	4	2	0																				2					
Penicillins - Ampicillin	4	2	2																									
Cephalosporins - Cefotaxim	0.5	2	0							2																		
Cephalosporins - Ceftazidim	2	2	0											2														
Sulphonamides - Sulfamethoxazol	256	2	2																									

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - DT 193 in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

DT 193	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				2														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin						2												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		2																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												2						8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - U 314 in Meat from sheep - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

U 314	Meat from sheep - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																						1			
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																						1			
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	0																	1								
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	0																									

Table Antimicrobial susceptibility testing of S. Typhimurium - U 314 in Meat from sheep - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

U 314	Meat from sheep - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1																8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium, monophasic - U 311 in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

U 311	Meat from pig - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16
Amphenicols - Chloramphenicol	16	6	0																						6		
Amphenicols - Florfenicol	16	6	0																			6					
Tetracyclines - Tetracycline	8	6	5																	1							
Fluoroquinolones - Ciprofloxacin	0.06	6	0					6																			
Quinolones - Nalidixic acid	16	6	0																				6				
Trimethoprim	2	6	0													6											
Aminoglycosides - Streptomycin	32	6	5																						1		
Aminoglycosides - Gentamicin	2	6	0											2		4											
Aminoglycosides - Kanamycin	4	6	0																				6				
Penicillins - Ampicillin	4	6	5																	1							
Cephalosporins - Cefotaxim	0.5	6	0							3		3															
Cephalosporins - Ceftazidim	2	6	0											5		1											
Sulphonamides - Sulfamethoxazol	256	6	5																								

Table Antimicrobial susceptibility testing of *S. Typhimurium*, monophasic - U 311 in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

U 311	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				5														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin						5												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		5																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1								5						8	1024

Table Antimicrobial susceptibility testing of S. Derby in Meat from pig - fresh - Surveillance - HACCP and own checks - 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 - fresh - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	10	1																	1				8					
Amphenicols - Florfenicol	16	10	1																			2		7					
Tetracyclines - Tetracycline	8	10	8																	1		1							
Fluoroquinolones - Ciprofloxacin	0.06	10	0					9		1																			
Quinolones - Nalidixic acid	16	10	0																			9		1					
Trimethoprim	2	10	4													5		1											
Aminoglycosides - Streptomycin	32	10	3																					1		5			
Aminoglycosides - Gentamicin	2	10	0											1		7		2											
Aminoglycosides - Kanamycin	4	10	0																			10							
Penicillins - Ampicillin	4	10	1															5		4				1					
Cephalosporins - Cefotaxim	0.5	10	1									8		1				1											
Cephalosporins - Ceftazidim	2	10	0													9				1									
Sulphonamides - Sulfamethoxazol	256	10	7																										

Table Antimicrobial susceptibility testing of *S. Derby* in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Derby	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol		1																2	64
Amphenicols - Florfenicol		1																2	64
Tetracyclines - Tetracycline				8														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		4																0.5	32
Aminoglycosides - Streptomycin		1				3												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1		1		1				7						8	1024

Table Antimicrobial susceptibility testing of S. Anatum in Other food - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Anatum 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																											
		Other food - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	0																	1									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																					
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	0													1													
Aminoglycosides - Streptomycin	32	1	0																					1					
Aminoglycosides - Gentamicin	2	1	0											1															
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0															1											
Cephalosporins - Cefotaxim	0.5	1	0									1																	
Cephalosporins - Ceftazidim	2	1	0													1													
Sulphonamides - Sulfamethoxazol	256	1	0																										

Table Antimicrobial susceptibility testing of *S. Anatum* in Other food - Surveillance - HACCP and own checks - quantitative data [Dilution method

S. Anatum	Other food - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1														8	1024

Table Antimicrobial susceptibility testing of S. Kentucky in Meat from pig - fresh - Surveillance - HACCP and own checks - 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 pig - fresh - Surveillance - HACCP and own checks																											
		Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	2																										
Amphenicols - Florfenicol	16	2	0																								2		
Tetracyclines - Tetracycline	8	2	2																										
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																					
Quinolones - Nalidixic acid	16	2	0																			2							
Trimethoprim	2	2	2																										
Aminoglycosides - Streptomycin	32	2	0																								1		
Aminoglycosides - Gentamicin	2	2	2																								1		
Aminoglycosides - Kanamycin	4	2	0																			2							
Penicillins - Ampicillin	4	2	2																										
Cephalosporins - Cefotaxim	0.5	2	0									2																	
Cephalosporins - Ceftazidim	2	2	0													2													
Sulphonamides - Sulfamethoxazol	256	2	2																										

Table Antimicrobial susceptibility testing of *S. Kentucky* in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Kentucky	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol				2														2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				2														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		2																0.5	32
Aminoglycosides - Streptomycin		1																2	128
Aminoglycosides - Gentamicin		1																0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		2																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												2						8	1024

Table Antimicrobial susceptibility testing of S. Goldcoast in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Goldcoast Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory			Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																									
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																					1				
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																					1				
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	0															1										
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0													1												
Sulphonamides - Sulfamethoxazol	256	1	0																									

Table Antimicrobial susceptibility testing of S. Goldcoast in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Goldcoast	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1																8	1024

Table Antimicrobial susceptibility testing of *S. Kentucky* in Meat from poultry, unspecified - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Kentucky	Meat from poultry, unspecified - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	0																					2			
Amphenicols - Florfenicol	16	2	0																					2			
Tetracyclines - Tetracycline	8	2	0																	1		1					
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																			
Quinolones - Nalidixic acid	16	2	0																			2					
Trimethoprim	2	2	1													1											
Aminoglycosides - Streptomycin	32	2	0																					2			
Aminoglycosides - Gentamicin	2	2	0											2													
Aminoglycosides - Kanamycin	4	2	0																			2					
Penicillins - Ampicillin	4	2	1																	1							
Cephalosporins - Cefotaxim	0.5	2	0									2															
Cephalosporins - Ceftazidim	2	2	0													2											
Sulphonamides - Sulfamethoxazol	256	2	1																								

Table Antimicrobial susceptibility testing of *S. Kentucky* in Meat from poultry, unspecified - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Kentucky	Meat from poultry, unspecified - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1								1						8	1024

Table Antimicrobial susceptibility testing of S. Montevideo in Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Montevideo	Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																			1						
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																					1				
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	0																	1								
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	0																							1		

Table Antimicrobial susceptibility testing of *S. Montevideo* in Meat from broilers (*Gallus gallus*) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Montevideo	Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol																		8	1024

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

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

DT 104	Meat from pig - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16
Amphenicols - Chloramphenicol	16	3	2																						1		
Amphenicols - Florfenicol	16	3	2																			1					
Tetracyclines - Tetracycline	8	3	2																	1							
Fluoroquinolones - Ciprofloxacin	0.06	3	0					3																			
Quinolones - Nalidixic acid	16	3	0																			3					
Trimethoprim	2	3	0													3											
Aminoglycosides - Streptomycin	32	3	2																						1		
Aminoglycosides - Gentamicin	2	3	0											1		2											
Aminoglycosides - Kanamycin	4	3	0																			3					
Penicillins - Ampicillin	4	3	3																								
Cephalosporins - Cefotaxim	0.5	3	0							1		2															
Cephalosporins - Ceftazidim	2	3	0											1		2											
Sulphonamides - Sulfamethoxazol	256	3	3																								

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

DT 104	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol				2														2	64
Amphenicols - Florfenicol		2																2	64
Tetracyclines - Tetracycline		1		1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin				1		1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		3																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												3						8	1024

Table Antimicrobial susceptibility testing of S. Stanley in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Stanley 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 - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	0																	1									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																					
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	0													1													
Aminoglycosides - Streptomycin	32	1	0																				1						
Aminoglycosides - Gentamicin	2	1	0											1															
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0															1											
Cephalosporins - Cefotaxim	0.5	1	0									1																	
Cephalosporins - Ceftazidim	2	1	0													1													
Sulphonamides - Sulfamethoxazol	256	1	0																										

Table Antimicrobial susceptibility testing of S. Stanley in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Stanley	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1														8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 208 in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

DT 208	Meat from pig - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																				1					
Amphenicols - Florfenicol	16	1	0																				1					
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																				1					
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																						1			
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																				1					
Penicillins - Ampicillin	4	1	0															1										
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	0																									

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 208 in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

DT 208	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline		1																1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1																8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 120 in Meat from pig - fresh - Surveillance - HACCP and own checks - 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 - fresh - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	1																										
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																					
Quinolones - Nalidixic acid	16	1	0																					1					
Trimethoprim	2	1	1																										
Aminoglycosides - Streptomycin	32	1	1																										
Aminoglycosides - Gentamicin	2	1	0											1															
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	1																										
Cephalosporins - Cefotaxim	0.5	1	0							1																			
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	1																										

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

DT 120	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - Not typeable in Other food - Surveillance - HACCP and own checks - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
Not typeable	Other food - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																					1			
Amphenicols - Florfenicol	16	1	0																			1					
Tetracyclines - Tetracycline	8	1	1																								
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																			
Quinolones - Nalidixic acid	16	1	0																			1					
Trimethoprim	2	1	0													1											
Aminoglycosides - Streptomycin	32	1	0																					1			
Aminoglycosides - Gentamicin	2	1	0											1													
Aminoglycosides - Kanamycin	4	1	0																			1					
Penicillins - Ampicillin	4	1	0																	1							
Cephalosporins - Cefotaxim	0.5	1	0											1													
Cephalosporins - Ceftazidim	2	1	0													1											
Sulphonamides - Sulfamethoxazol	256	1	0																								

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in Other food - Surveillance - HACCP and own checks - quantitative data [Dilution method]

Not typeable	Other food - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1														8	1024

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

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

DT 35	Meat from pig - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16
Amphenicols - Chloramphenicol		16	2	0																					2		
Amphenicols - Florfenicol		16	2	0																			2				
Tetracyclines - Tetracycline		8	2	0																	2						
Fluoroquinolones - Ciprofloxacin		0.06	2	0					2																		
Quinolones - Nalidixic acid		16	2	0																			2				
Trimethoprim		2	2	0													2										
Aminoglycosides - Streptomycin		32	2	0																					2		
Aminoglycosides - Gentamicin		2	2	0											1		1										
Aminoglycosides - Kanamycin		4	2	0																			2				
Penicillins - Ampicillin		4	2	0																		2					
Cephalosporins - Cefotaxim		0.5	2	0									2														
Cephalosporins - Ceftazidim		2	2	0											1		1										
Sulphonamides - Sulfamethoxazol		256	2	0																							

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 35 in Meat from pig - fresh - Surveillance - HACCP and own checks - 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 - fresh - Surveillance - HACCP and own checks																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				2														8	1024

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

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
Not typeable	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	3	1																					1		1	
Amphenicols - Florfenicol	16	3	0																			1		1		1	
Tetracyclines - Tetracycline	8	3	3																								
Fluoroquinolones - Ciprofloxacin	0.06	3	0					1		2																	
Quinolones - Nalidixic acid	16	3	0																			2		1			
Trimethoprim	2	3	1													2											
Aminoglycosides - Streptomycin	32	3	1																					2			
Aminoglycosides - Gentamicin	2	3	0											2		1											
Aminoglycosides - Kanamycin	4	3	0																			3					
Penicillins - Ampicillin	4	3	1																	1		1					
Cephalosporins - Cefotaxim	0.5	3	0									2		1													
Cephalosporins - Ceftazidim	2	3	0													3											
Sulphonamides - Sulfamethoxazol	256	3	1																								

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

Not typeable	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol				1														2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				3														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		2										1						8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - U 311 in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

U 311 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 - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	3	1																					2					
Amphenicols - Florfenicol	16	3	1																			2							
Tetracyclines - Tetracycline	8	3	3																										
Fluoroquinolones - Ciprofloxacin	0.06	3	0					3																					
Quinolones - Nalidixic acid	16	3	0																			3							
Trimethoprim	2	3	0													3													
Aminoglycosides - Streptomycin	32	3	3																										
Aminoglycosides - Gentamicin	2	3	0											2		1													
Aminoglycosides - Kanamycin	4	3	0																			3							
Penicillins - Ampicillin	4	3	3																										
Cephalosporins - Cefotaxim	0.5	3	0							2		1																	
Cephalosporins - Ceftazidim	2	3	0											3															
Sulphonamides - Sulfamethoxazol	256	3	3																										

Table Antimicrobial susceptibility testing of *S. Typhimurium* - U 311 in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

U 311	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol				1														2	64
Amphenicols - Florfenicol		1																2	64
Tetracyclines - Tetracycline		1		2														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin				1		2												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		3																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												3						8	1024

Table Antimicrobial susceptibility testing of *S. Virchow* in Meat from broilers (*Gallus gallus*) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Virchow	Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																					1			
Amphenicols - Florfenicol	16	1	0																			1					
Tetracyclines - Tetracycline	8	1	0																	1							
Fluoroquinolones - Ciprofloxacin	0.06	1	1													1											
Quinolones - Nalidixic acid	16	1	1																								
Trimethoprim	2	1	0													1											
Aminoglycosides - Streptomycin	32	1	0																					1			
Aminoglycosides - Gentamicin	2	1	0											1													
Aminoglycosides - Kanamycin	4	1	0																			1					
Penicillins - Ampicillin	4	1	0															1									
Cephalosporins - Cefotaxim	0.5	1	0									1															
Cephalosporins - Ceftazidim	2	1	0											1													
Sulphonamides - Sulfamethoxazol	256	1	0																								

Table Antimicrobial susceptibility testing of *S. Virchow* in Meat from broilers (*Gallus gallus*) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Virchow	Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				1														4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				1														8	1024

Table Antimicrobial susceptibility testing of S. Dublin in Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Dublin	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	3	0																			3					
Amphenicols - Florfenicol	16	3	0																			3					
Tetracyclines - Tetracycline	8	3	0																	3							
Fluoroquinolones - Ciprofloxacin	0.06	3	0			1		2																			
Quinolones - Nalidixic acid	16	3	0																			3					
Trimethoprim	2	3	0													3											
Aminoglycosides - Streptomycin	32	3	0																			1		2			
Aminoglycosides - Gentamicin	2	3	0											3													
Aminoglycosides - Kanamycin	4	3	0																			3					
Penicillins - Ampicillin	4	3	0															3									
Cephalosporins - Cefotaxim	0.5	3	0							3																	
Cephalosporins - Ceftazidim	2	3	0											3													
Sulphonamides - Sulfamethoxazol	256	3	0																								

Table Antimicrobial susceptibility testing of S. Dublin in Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Dublin Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																		2	64
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		3																8	1024

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

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

DT 120	Meat from pig - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																						1			
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																						1			
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																									
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0													1												
Sulphonamides - Sulfamethoxazol	256	1	1																									

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

DT 120	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				1														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin						1												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Mbandaka in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Mbandaka		Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																										
		Isolates out of a monitoring program (yes/no)																										
		Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	0																						1			
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																						1			
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	0															1										
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0													1												
Sulphonamides - Sulfamethoxazol	256	1	0																									

Table Antimicrobial susceptibility testing of *S. Mbandaka* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Mbandaka	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1																8	1024

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

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

DT 104	Meat from bovine animals - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	1																									
Amphenicols - Florfenicol	16	1	1																									
Tetracyclines - Tetracycline	8	1	1																									
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	1																									
Aminoglycosides - Gentamicin	2	1	0													1												
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	1																									

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 104 in Meat from bovine animals - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

DT 104	Meat from bovine animals - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol				1														2	64
Amphenicols - Florfenicol				1														2	64
Tetracyclines - Tetracycline		1																1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin				1														2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

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

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 35 Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory		Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																									
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	0																					2			
Amphenicols - Florfenicol	16	2	0																			2					
Tetracyclines - Tetracycline	8	2	0																	2							
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																			
Quinolones - Nalidixic acid	16	2	0																			2					
Trimethoprim	2	2	0													1				1							
Aminoglycosides - Streptomycin	32	2	0																					1		1	
Aminoglycosides - Gentamicin	2	2	0											1		1											
Aminoglycosides - Kanamycin	4	2	0																			2					
Penicillins - Ampicillin	4	2	0																	2							
Cephalosporins - Cefotaxim	0.5	2	0							1				1													
Cephalosporins - Ceftazidim	2	2	0											1		1											
Sulphonamides - Sulfamethoxazol	256	2	0																								

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

DT 35	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																			
	Isolates out of a monitoring program (yes/no)																			
	Number of isolates available in the laboratory																			
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
	Amphenicols - Chloramphenicol																		2	64
	Amphenicols - Florfenicol																		2	64
	Tetracyclines - Tetracycline																		1	64
	Fluoroquinolones - Ciprofloxacin																		0.008	8
	Quinolones - Nalidixic acid																		4	64
	Trimethoprim																		0.5	32
	Aminoglycosides - Streptomycin																		2	128
	Aminoglycosides - Gentamicin																		0.25	32
	Aminoglycosides - Kanamycin																		4	128
	Penicillins - Ampicillin																		0.5	32
	Cephalosporins - Cefotaxim																		0.06	4
	Cephalosporins - Ceftazidim																		0.25	16
	Sulphonamides - Sulfamethoxazol				2														8	1024

Table Antimicrobial susceptibility testing of S. Paratyphi B in Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Paratyphi B	Meat from broilers (Gallus gallus) - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16
Amphenicols - Chloramphenicol	16	2	0																						2		
Amphenicols - Florfenicol	16	2	0																			1			1		
Tetracyclines - Tetracycline	8	2	0																	1			1				
Fluoroquinolones - Ciprofloxacin	0.06	2	2											1		1											
Quinolones - Nalidixic acid	16	2	2																								
Trimethoprim	2	2	2																								
Aminoglycosides - Streptomycin	32	2	0																								2
Aminoglycosides - Gentamicin	2	2	0											2													
Aminoglycosides - Kanamycin	4	2	0																			2					
Penicillins - Ampicillin	4	2	1																	1							
Cephalosporins - Cefotaxim	0.5	2	0											2													
Cephalosporins - Ceftazidim	2	2	0													1		1									
Sulphonamides - Sulfamethoxazol	256	2	1																								1

Table Antimicrobial susceptibility testing of *S. Paratyphi B* in Meat from broilers (*Gallus gallus*) - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Paratyphi B	Meat from broilers (<i>Gallus gallus</i>) - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				2														4	64
Trimethoprim		2																0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Dublin in Meat from bovine animals - fresh - Surveillance - HACCP and own checks - 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																											
		Meat from bovine animals - fresh - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	8	0																			8							
Amphenicols - Florfenicol	16	8	0																	1		7							
Tetracyclines - Tetracycline	8	8	0															4		4									
Fluoroquinolones - Ciprofloxacin	0.06	8	0			6		2																					
Quinolones - Nalidixic acid	16	8	0																			8							
Trimethoprim	2	8	0													8													
Aminoglycosides - Streptomycin	32	8	0																					5		3			
Aminoglycosides - Gentamicin	2	8	0											8															
Aminoglycosides - Kanamycin	4	8	0																			8							
Penicillins - Ampicillin	4	8	0													2		4		2									
Cephalosporins - Cefotaxim	0.5	8	0							6		1		1															
Cephalosporins - Ceftazidim	2	8	0											8															
Sulphonamides - Sulfamethoxazol	256	8	0																								1		

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

S. Dublin	Meat from bovine animals - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		6		1														8	1024

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

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

Not typeable	Meat from pig - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	6	2																			2		1		1	
Amphenicols - Florfenicol	16	6	2																			3		1			
Tetracyclines - Tetracycline	8	6	5																	1							
Fluoroquinolones - Ciprofloxacin	0.06	6	0			1		4		1																	
Quinolones - Nalidixic acid	16	6	0																			5		1			
Trimethoprim	2	6	1													5											
Aminoglycosides - Streptomycin	32	6	3																					2		1	
Aminoglycosides - Gentamicin	2	6	0											3		3											
Aminoglycosides - Kanamycin	4	6	0																			6					
Penicillins - Ampicillin	4	6	4																	1		1					
Cephalosporins - Cefotaxim	0.5	6	0							2		3		1													
Cephalosporins - Ceftazidim	2	6	0											3		3											
Sulphonamides - Sulfamethoxazol	256	6	4																								

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

Not typeable	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol				2														2	64
Amphenicols - Florfenicol		2																2	64
Tetracyclines - Tetracycline		2		3														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin						3												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		4																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1		1								4						8	1024

Table Antimicrobial susceptibility testing of S. Schwarzengrund in Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Schwarzengrund Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory			Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16				
Amphenicols - Chloramphenicol	16	3	0																						3					
Amphenicols - Florfenicol	16	3	0																			3								
Tetracyclines - Tetracycline	8	3	0															1		2										
Fluoroquinolones - Ciprofloxacin	0.06	3	0			3																								
Quinolones - Nalidixic acid	16	3	0																			3								
Trimethoprim	2	3	0													3														
Aminoglycosides - Streptomycin	32	3	0																						1		1			
Aminoglycosides - Gentamicin	2	3	0											3																
Aminoglycosides - Kanamycin	4	3	0																			3								
Penicillins - Ampicillin	4	3	0															3												
Cephalosporins - Cefotaxim	0.5	3	0							3																				
Cephalosporins - Ceftazidim	2	3	0											3																
Sulphonamides - Sulfamethoxazol	256	3	0																								1			

Table Antimicrobial susceptibility testing of *S. Schwarzengrund* in Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Schwarzengrund	Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin		1																2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol				2														8	1024

Table Antimicrobial susceptibility testing of S. Schwarzengrund in Meat from duck - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Schwarzengrund 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 - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																			1							
Tetracyclines - Tetracycline	8	1	0																	1									
Fluoroquinolones - Ciprofloxacin	0.06	1	0			1																							
Quinolones - Nalidixic acid	16	1	0																			1							
Trimethoprim	2	1	0													1													
Aminoglycosides - Streptomycin	32	1	0																					1					
Aminoglycosides - Gentamicin	2	1	0											1															
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	0															1											
Cephalosporins - Cefotaxim	0.5	1	0							1																			
Cephalosporins - Ceftazidim	2	1	0											1															
Sulphonamides - Sulfamethoxazol	256	1	0																										

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

S. Schwarzengrund	Meat from duck - fresh - Surveillance - HACCP and own checks																			
	Isolates out of a monitoring program (yes/no)																			
	Number of isolates available in the laboratory																			
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64	
Amphenicols - Florfenicol																		2	64	
Tetracyclines - Tetracycline																		1	64	
Fluoroquinolones - Ciprofloxacin																		0.008	8	
Quinolones - Nalidixic acid																		4	64	
Trimethoprim																		0.5	32	
Aminoglycosides - Streptomycin																		2	128	
Aminoglycosides - Gentamicin																		0.25	32	
Aminoglycosides - Kanamycin																		4	128	
Penicillins - Ampicillin																		0.5	32	
Cephalosporins - Cefotaxim																		0.06	4	
Cephalosporins - Ceftazidim																		0.25	16	
Sulphonamides - Sulfamethoxazol				1														8	1024	

Table Antimicrobial susceptibility testing of S. Reading in Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Reading	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	0																					2			
Amphenicols - Florfenicol	16	2	0																		1		1				
Tetracyclines - Tetracycline	8	2	0																	2							
Fluoroquinolones - Ciprofloxacin	0.06	2	0			2																					
Quinolones - Nalidixic acid	16	2	0																			2					
Trimethoprim	2	2	0													1		1									
Aminoglycosides - Streptomycin	32	2	0																			2					
Aminoglycosides - Gentamicin	2	2	0											1		1											
Aminoglycosides - Kanamycin	4	2	0																			2					
Penicillins - Ampicillin	4	2	0															2									
Cephalosporins - Cefotaxim	0.5	2	0							2																	
Cephalosporins - Ceftazidim	2	2	0											2													
Sulphonamides - Sulfamethoxazol	256	2	0																							2	

Table Antimicrobial susceptibility testing of S. Reading in Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Reading	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol																		8	1024

Table Antimicrobial susceptibility testing of S. Brandenburg in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Brandenburg 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 - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	2	0																					2					
Amphenicols - Florfenicol	16	2	0																			2							
Tetracyclines - Tetracycline	8	2	0																					2					
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																					
Quinolones - Nalidixic acid	16	2	0																			2							
Trimethoprim	2	2	0													2													
Aminoglycosides - Streptomycin	32	2	0																					2					
Aminoglycosides - Gentamicin	2	2	0													2													
Aminoglycosides - Kanamycin	4	2	0																			2							
Penicillins - Ampicillin	4	2	0																	2									
Cephalosporins - Cefotaxim	0.5	2	0							1		1																	
Cephalosporins - Ceftazidim	2	2	0											2															
Sulphonamides - Sulfamethoxazol	256	2	0																										

Table Antimicrobial susceptibility testing of *S. Brandenburg* in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Brandenburg	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1		1														8	1024

Table Antimicrobial susceptibility testing of S. Infantis in Meat from pig - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Infantis		Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
		Meat from pig - fresh - Surveillance - HACCP and own checks																											
		Isolates out of a monitoring program (yes/no)																											
		Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	2	0																					2					
Amphenicols - Florfenicol	16	2	0																					2					
Tetracyclines - Tetracycline	8	2	0																	2									
Fluoroquinolones - Ciprofloxacin	0.06	2	0					2																					
Quinolones - Nalidixic acid	16	2	0																			2							
Trimethoprim	2	2	0													2													
Aminoglycosides - Streptomycin	32	2	0																							2			
Aminoglycosides - Gentamicin	2	2	0											1		1													
Aminoglycosides - Kanamycin	4	2	0																			2							
Penicillins - Ampicillin	4	2	0															1		1									
Cephalosporins - Cefotaxim	0.5	2	0									2																	
Cephalosporins - Ceftazidim	2	2	0													2													
Sulphonamides - Sulfamethoxazol	256	2	0																										

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

S. Infantis	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1				1												8	1024

Table Antimicrobial susceptibility testing of S. Livingstone in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Livingstone	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																						1			
Amphenicols - Florfenicol	16	1	0																			1						
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	0													1												
Aminoglycosides - Streptomycin	32	1	0																			1						
Aminoglycosides - Gentamicin	2	1	0											1														
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	0															1										
Cephalosporins - Cefotaxim	0.5	1	0							1																		
Cephalosporins - Ceftazidim	2	1	0											1														
Sulphonamides - Sulfamethoxazol	256	1	0																									

Table Antimicrobial susceptibility testing of *S. Livingstone* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Livingstone Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1																8	1024

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

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
DT 104b	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	4	4																								
Amphenicols - Florfenicol	16	4	4																								
Tetracyclines - Tetracycline	8	4	4																								
Fluoroquinolones - Ciprofloxacin	0.06	4	0					2		2																	
Quinolones - Nalidixic acid	16	4	0																			2		2			
Trimethoprim	2	4	0													3		1									
Aminoglycosides - Streptomycin	32	4	3																								
Aminoglycosides - Gentamicin	2	4	0											2		1		1									
Aminoglycosides - Kanamycin	4	4	0																			4					
Penicillins - Ampicillin	4	4	4																								
Cephalosporins - Cefotaxim	0.5	4	0									2		2													
Cephalosporins - Ceftazidim	2	4	0													4											
Sulphonamides - Sulfamethoxazol	256	4	4																								

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

DT 104b	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol				4														2	64
Amphenicols - Florfenicol		1		3														2	64
Tetracyclines - Tetracycline		1		3														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin		1		3														2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		4																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												4						8	1024

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

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

DT 104	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																					1			
Amphenicols - Florfenicol	16	1	0																			1					
Tetracyclines - Tetracycline	8	1	0																	1							
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																			
Quinolones - Nalidixic acid	16	1	0																			1					
Trimethoprim	2	1	0													1											
Aminoglycosides - Streptomycin	32	1	1																								
Aminoglycosides - Gentamicin	2	1	0													1											
Aminoglycosides - Kanamycin	4	1	0																			1					
Penicillins - Ampicillin	4	1	0																	1							
Cephalosporins - Cefotaxim	0.5	1	0									1															
Cephalosporins - Ceftazidim	2	1	0											1													
Sulphonamides - Sulfamethoxazol	256	1	1																								

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

DT 104	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																			
	Isolates out of a monitoring program (yes/no)																			
	Number of isolates available in the laboratory																			
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
	Amphenicols - Chloramphenicol																		2	64
	Amphenicols - Florfenicol																		2	64
	Tetracyclines - Tetracycline																		1	64
	Fluoroquinolones - Ciprofloxacin																		0.008	8
	Quinolones - Nalidixic acid																		4	64
	Trimethoprim																		0.5	32
	Aminoglycosides - Streptomycin				1														2	128
	Aminoglycosides - Gentamicin																		0.25	32
	Aminoglycosides - Kanamycin																		4	128
	Penicillins - Ampicillin																		0.5	32
	Cephalosporins - Cefotaxim																		0.06	4
	Cephalosporins - Ceftazidim																		0.25	16
	Sulphonamides - Sulfamethoxazol												1						8	1024

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

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

DT 193	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	4	3																						1			
Amphenicols - Florfenicol	16	4	1																				1				2	
Tetracyclines - Tetracycline	8	4	4																									
Fluoroquinolones - Ciprofloxacin	0.06	4	3					1								2		1										
Quinolones - Nalidixic acid	16	4	3																				1					
Trimethoprim	2	4	3													1												
Aminoglycosides - Streptomycin	32	4	4																									
Aminoglycosides - Gentamicin	2	4	0											4														
Aminoglycosides - Kanamycin	4	4	0																				4					
Penicillins - Ampicillin	4	4	4																									
Cephalosporins - Cefotaxim	0.5	4	0							2		1				1												
Cephalosporins - Ceftazidim	2	4	0											3		1												
Sulphonamides - Sulfamethoxazol	256	4	4																									

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

DT 193	Meat from pig - at slaughterhouse - animal sample - carcass swabs - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol		1		2														2	64
Amphenicols - Florfenicol		1																2	64
Tetracyclines - Tetracycline				4														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				3														4	64
Trimethoprim		3																0.5	32
Aminoglycosides - Streptomycin						4												2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		4																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												4						8	1024

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

RDNC	Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
	Meat from pig - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	1	1																									
Amphenicols - Florfenicol	16	1	0																					1				
Tetracyclines - Tetracycline	8	1	0																	1								
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																				
Quinolones - Nalidixic acid	16	1	0																			1						
Trimethoprim	2	1	1																									
Aminoglycosides - Streptomycin	32	1	0																							1		
Aminoglycosides - Gentamicin	2	1	1																							1		
Aminoglycosides - Kanamycin	4	1	0																			1						
Penicillins - Ampicillin	4	1	1																									
Cephalosporins - Cefotaxim	0.5	1	0									1																
Cephalosporins - Ceftazidim	2	1	0													1												
Sulphonamides - Sulfamethoxazol	256	1	1																									

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

RDNC	Meat from pig - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol		1																2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin																		2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - Not typeable in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

Concentration (µg/ml), number of isolates with a concentration of inhibition equal to																											
Not typeable	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																										
	Isolates out of a monitoring program (yes/no)																										
	Number of isolates available in the laboratory																										
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	1																								
Amphenicols - Florfenicol	16	1	1																								
Tetracyclines - Tetracycline	8	1	1																								
Fluoroquinolones - Ciprofloxacin	0.06	1	0					1																			
Quinolones - Nalidixic acid	16	1	0																			1					
Trimethoprim	2	1	1																								
Aminoglycosides - Streptomycin	32	1	1																								
Aminoglycosides - Gentamicin	2	1	0											1													
Aminoglycosides - Kanamycin	4	1	0																			1					
Penicillins - Ampicillin	4	1	1																								
Cephalosporins - Cefotaxim	0.5	1	0									1															
Cephalosporins - Ceftazidim	2	1	0											1													
Sulphonamides - Sulfamethoxazol	256	1	1																								

Table Antimicrobial susceptibility testing of *S. Typhimurium* - Not typeable in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

Not typeable	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol				1														2	64
Amphenicols - Florfenicol		1																2	64
Tetracyclines - Tetracycline		1																1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid																		4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin				1														2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - DT 104b in Meat from sheep - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

DT 104b	Meat from sheep - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	2																									
Amphenicols - Florfenicol	16	2	2																									
Tetracyclines - Tetracycline	8	2	2																									
Fluoroquinolones - Ciprofloxacin	0.06	2	2													2												
Quinolones - Nalidixic acid	16	2	2																									
Trimethoprim	2	2	0													2												
Aminoglycosides - Streptomycin	32	2	2																									
Aminoglycosides - Gentamicin	2	2	0													2												
Aminoglycosides - Kanamycin	4	2	0																			2						
Penicillins - Ampicillin	4	2	2																									
Cephalosporins - Cefotaxim	0.5	2	0							1		1																
Cephalosporins - Ceftazidim	2	2	0											1		1												
Sulphonamides - Sulfamethoxazol	256	2	2																									

Table Antimicrobial susceptibility testing of *S. Typhimurium* - DT 104b in Meat from sheep - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

DT 104b	Meat from sheep - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol				2														2	64
Amphenicols - Florfenicol		2																2	64
Tetracyclines - Tetracycline		2																1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				2														4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin				2														2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		2																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												2						8	1024

Table Antimicrobial susceptibility testing of S. Blockley in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

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

S. Blockley	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	2	0																				1		1			
Amphenicols - Florfenicol	16	2	0																				2					
Tetracyclines - Tetracycline	8	2	2																									
Fluoroquinolones - Ciprofloxacin	0.06	2	2											2														
Quinolones - Nalidixic acid	16	2	2																									
Trimethoprim	2	2	0													2												
Aminoglycosides - Streptomycin	32	2	2																									
Aminoglycosides - Gentamicin	2	2	0											1		1												
Aminoglycosides - Kanamycin	4	2	2																									
Penicillins - Ampicillin	4	2	0															1		1								
Cephalosporins - Cefotaxim	0.5	2	0							2																		
Cephalosporins - Ceftazidim	2	2	0											2														
Sulphonamides - Sulfamethoxazol	256	2	0																									

Table Antimicrobial susceptibility testing of *S. Blockley* in Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks - quantitative data [Dilution method]

S. Blockley	Meat from poultry, unspecified - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Antimicrobials:																			
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline				2														1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				2														4	64
Trimethoprim																		0.5	32
Aminoglycosides - Streptomycin				2														2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin						2												4	128
Penicillins - Ampicillin																		0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol		1		1														8	1024

Table Antimicrobial susceptibility testing of S. Typhimurium - U 302 in Meat from bovine animals - fresh - Surveillance - HACCP and own checks
- 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																											
		Meat from bovine animals - fresh - Surveillance - HACCP and own checks																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16			
Amphenicols - Chloramphenicol	16	1	0																					1					
Amphenicols - Florfenicol	16	1	0																					1					
Tetracyclines - Tetracycline	8	1	0																			1							
Fluoroquinolones - Ciprofloxacin	0.06	1	1													1													
Quinolones - Nalidixic acid	16	1	1																										
Trimethoprim	2	1	1																										
Aminoglycosides - Streptomycin	32	1	0																										
Aminoglycosides - Gentamicin	2	1	1																							1			
Aminoglycosides - Kanamycin	4	1	0																			1							
Penicillins - Ampicillin	4	1	1																										
Cephalosporins - Cefotaxim	0.5	1	0									1																	
Cephalosporins - Ceftazidim	2	1	0															1											
Sulphonamides - Sulfamethoxazol	256	1	1																										

Table Antimicrobial susceptibility testing of *S. Typhimurium* - U 302 in Meat from bovine animals - fresh - Surveillance - HACCP and own checks
- quantitative data [Dilution method]

U 302	Meat from bovine animals - fresh - Surveillance - HACCP and own checks																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest
Amphenicols - Chloramphenicol																		2	64
Amphenicols - Florfenicol																		2	64
Tetracyclines - Tetracycline																		1	64
Fluoroquinolones - Ciprofloxacin																		0.008	8
Quinolones - Nalidixic acid				1														4	64
Trimethoprim		1																0.5	32
Aminoglycosides - Streptomycin		1																2	128
Aminoglycosides - Gentamicin																		0.25	32
Aminoglycosides - Kanamycin																		4	128
Penicillins - Ampicillin		1																0.5	32
Cephalosporins - Cefotaxim																		0.06	4
Cephalosporins - Ceftazidim																		0.25	16
Sulphonamides - Sulfamethoxazol												1						8	1024

Table Cut-off values for antibiotic resistance testing of Salmonella in Animals

Test Method Used		Standard methods used for testing		
Broth dilution		EUCAST		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Amphenicols	Chloramphenicol		16	
	Florfenicol		16	
Tetracyclines	Tetracycline		8	
Fluoroquinolones	Ciprofloxacin		0.06	
Quinolones	Nalidixic acid		16	
Trimethoprim	Trimethoprim		2	
Sulphonamides	Sulphonamides		256	
Aminoglycosides	Streptomycin		32	
	Gentamicin		2	
	Kanamycin		4	
Cephalosporins	Cefotaxim		0.5	
	Ceftazidim		2	
Penicillins	Ampicillin		4	

Table Cut-off values for antibiotic resistance testing of Salmonella in Animals

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 <=
Amphenicols	Chloramphenicol		16	
Tetracyclines	Tetracycline		8	
Fluoroquinolones	Ciprofloxacin		0.06	
Quinolones	Nalidixic acid		16	
Trimethoprim	Trimethoprim		2	
Sulphonamides	Sulphonamides		256	
Aminoglycosides	Streptomycin		32	
	Gentamicin		2	
Cephalosporins	Cefotaxim		0.5	
Penicillins	Ampicillin		4	

Test Method Used	Standard methods used for testing

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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 unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified
Bakery products - at retail - Surveillance - official controls	OFML	Single	Various*	15	0					
Cereals and meals - at retail - Surveillance - official controls	OFML	Single	Various*	7	0					
Cheeses made from goats' milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls	OFML	Single	Various*	3	0					
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls	OFML	Single	Various*	5	0					
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at retail - Surveillance - official controls	OFML	Single	Various*	3	0					
Crustaceans - unspecified - cooked - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Dairy products (excluding cheeses) - at retail - Surveillance - official controls	OFML	Single	Various*	2	0					

Table Campylobacter in other food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified
Egg products - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Eggs - table eggs - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Fats and oils (excluding butter) - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Fishery products, unspecified - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Fishery products, unspecified - cooked - at retail - Surveillance - official controls	OFML	Single	Various*	13	0					
Fishery products, unspecified - raw - at retail - Surveillance - official controls	OFML	Single	Various*	2	0					
Fruits and vegetables - at retail - Surveillance - official controls	OFML	Single	Various*	6	0					
Fruits and vegetables - products - at retail - Surveillance - official controls	OFML	Single	Various*	3	0					
Meat from bovine animals - meat products - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various*	98	0					
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various*	13	0					
Meat from bovine animals - minced meat - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					

Table Campylobacter in other food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various*	2	0					
Meat from other animal species or not specified - meat products - at retail - Surveillance - official controls	OFML	Single	Various*	2	0					
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various*	76	0					
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various*	3	0					
Meat from other animal species or not specified - minced meat - at retail - Surveillance - official controls	OFML	Single	Various*	2	0					
Meat from pig - meat products - at retail - Surveillance - official controls	OFML	Single	Various*	4	0					
Meat from pig - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	116	0					
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various*	173	0					
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various*	4	0					
Meat from sheep - fresh - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					

Table Campylobacter in other food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified
Meat from sheep - meat products - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Meat from sheep - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	2	0					
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various*	19	0					
Meat from sheep - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various*	2	0					
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	12	0					
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various*	14	0					
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Molluscan shellfish - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Molluscan shellfish - cooked - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Molluscan shellfish - raw - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					

Table Campylobacter in other food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified
Nuts and nut products - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Other food - at retail - environmental sample - Surveillance - official controls	OFML	Single	Various*	1	0					
Other processed food products and prepared dishes - at retail - Surveillance - official controls	OFML	Single	Various*	69	0					
Other processed food products and prepared dishes - sandwiches - at retail - Surveillance - official controls	OFML	Single	Various*	57	0					
Sauce and dressings - at retail - Surveillance - official controls	OFML	Single	Various*	30	0					
Soups - at retail - Surveillance - official controls	OFML	Single	Various*	5	0					

Footnote:

* Sample weight ranges from 10g to 25.96g.

Table Campylobacter in poultry meat

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified
Meat from broilers (Gallus gallus) - fresh - at retail		---								
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail		---								
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail		---								
Meat from turkey - fresh - at retail		---								
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		---								
Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls	DAFF	Single	25g	18	0					
Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls	CVRL	Single	25g	161	118	66	56			
Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls	DAFF	Single	25g	11	0					
Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls	CVRL	Single	25g	12	10	9	2			
Meat from broilers (Gallus gallus) - fresh - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					

Table Campylobacter in poultry meat

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified
Meat from broilers (Gallus gallus) - meat products - at retail - Surveillance - official controls	OFML	Single	Various*	8	0					
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	50	0					
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various*	400	3					3
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various*	11	0					
Meat from duck - carcass - at slaughterhouse - animal sample - carcass swabs - Surveillance - official controls	DAFF	Single	25g	7	0					
Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls	CVRL	Single	25g	7	4	2	2			
Meat from duck - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	23	0					
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various*	5	0					
Meat from duck - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Meat from guinea fowl - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					

Table Campylobacter in poultry meat

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified
Meat from poultry, unspecified - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	3	0					
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	21	0					
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various*	2	0					
Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls	CVRL	Single	25g	5	3	2	1			
Meat from turkey - fresh - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					
Meat from turkey - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	1	0					
Meat from turkey - meat products - at retail - Surveillance - official controls	OFML	Single	Various*	2	0					
Meat from turkey - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	29	0					
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Various*	77	0					
Meat from turkey - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	Various*	1	0					

Table Campylobacter in poultry meat

Footnote:

Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - Official Control - CVRL: 4 samples had mixed C.coli and C.jejuni growth.

Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - Official Control - CVRL: 1 sample had mixed C.coli and C.jejuni growth.

Various* - Sample weight ranges from 10g- 25.96g

2.2.3 Campylobacter in animals

Table Campylobacter in animals

	Source of information	Sampling unit	Units tested	Total units positive for Campylobacter	C. coli	C. jejuni	C. lari	C. upsaliensis	Thermophilic Campylobacter spp., unspecified
Cats - Clinical investigations	RVL	Animal	1	0					
Cattle (bovine animals) - calves (under 1 year) - Clinical investigations	RVL	Animal	2512	261		261			
Cattle (bovine animals) - dairy cows - Clinical investigations	RVL	Animal	20	1		1			
Dogs - Clinical investigations	RVL	Animal	17	3		3			
Goats - Clinical investigations	RVL	Animal	13	1		1			
Pigs - Clinical investigations	RVL	Animal	3	1		1			
Sheep - Clinical investigations	RVL	Animal	321	14		14			
Solipeds, domestic - Clinical investigations	RVL	Animal	10	0					

Footnote:

RVL - Regional Veterinary Laboratories

2.2.4 Antimicrobial resistance in Campylobacter isolates

Table Antimicrobial susceptibility testing of *C. jejuni* in Meat from broilers (*Gallus gallus*) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

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

C. jejuni	Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																	1								
Fluoroquinolones - Ciprofloxacin	1	1	0									1																
Quinolones - Nalidixic acid	16	1	0																					1				
Aminoglycosides - Streptomycin	2	1	0															1										
Aminoglycosides - Gentamicin	1	1	0									1																
Macrolides - Erythromycin	4	1	0												1													
Tetracyclines	2	1	0											1														

C. jejuni	Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																			
	Isolates out of a monitoring program (yes/no)																			
	Number of isolates available in the laboratory																			
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest	
Amphenicols - Chloramphenicol																		2	32	
Fluoroquinolones - Ciprofloxacin																		0.06	4	
Quinolones - Nalidixic acid																		2	64	
Aminoglycosides - Streptomycin																		1	16	

Table Antimicrobial susceptibility testing of *C. jejuni* in Meat from broilers (*Gallus gallus*) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

C. jejuni Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (<i>Gallus gallus</i>) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Aminoglycosides - Gentamicin																		0.12	16
Macrolides - Erythromycin																		0.5	32
Tetracyclines																		0.25	16

Table Antimicrobial susceptibility testing of C. coli in Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

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

C. coli	Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	62	0																	56		6						
Fluoroquinolones - Ciprofloxacin	1	62	37							17		8								1		7	29					
Quinolones - Nalidixic acid	32	62	37																			17		8				
Aminoglycosides - Streptomycin	4	62	8															4		49		1					5	
Aminoglycosides - Gentamicin	2	62	0											8		53		1										
Macrolides - Erythromycin	16	62	1													56		5										
Tetracyclines	2	62	17											42		3											1	

C. coli	Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																			
	Isolates out of a monitoring program (yes/no)																			
	Number of isolates available in the laboratory																			
	Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	32	
Fluoroquinolones - Ciprofloxacin																		0.06	4	
Quinolones - Nalidixic acid				26	11													2	64	
Aminoglycosides - Streptomycin	3																	1	16	
Aminoglycosides - Gentamicin																		0.12	16	
Macrolides - Erythromycin			1															0.5	32	

Table Antimicrobial susceptibility testing of *C. coli* in Meat from broilers (*Gallus gallus*) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

C. coli Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (<i>Gallus gallus</i>) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Tetracyclines	16																	0.25	16

Table Antimicrobial susceptibility testing of *C. coli* in Meat from broilers (*Gallus gallus*) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

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

C. coli	Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	8	0																	8								
Fluoroquinolones - Ciprofloxacin	1	8	2							3		3											1	1				
Quinolones - Nalidixic acid	32	8	2																			2		4				
Aminoglycosides - Streptomycin	4	8	0															2		5		1						
Aminoglycosides - Gentamicin	2	8	0											1		7												
Macrolides - Erythromycin	16	8	0													7		1										
Tetracyclines	2	8	3											5														

C. coli	Meat from broilers (Gallus gallus) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	32
Fluoroquinolones - Ciprofloxacin																		0.06	4
Quinolones - Nalidixic acid				1	1													2	64
Aminoglycosides - Streptomycin																		1	16
Aminoglycosides - Gentamicin																		0.12	16
Macrolides - Erythromycin																		0.5	32

Table Antimicrobial susceptibility testing of *C. coli* in Meat from broilers (*Gallus gallus*) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

C. coli Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (<i>Gallus gallus</i>) - carcass - spent hens - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Tetracyclines	3																	0.25	16

Table Antimicrobial susceptibility testing of C. jejuni in Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

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

C. jejuni	Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	1	0																	1								
Fluoroquinolones - Ciprofloxacin	1	1	0							1																		
Quinolones - Nalidixic acid	16	1	0																			1						
Aminoglycosides - Streptomycin	2	1	0																	1								
Aminoglycosides - Gentamicin	1	1	0													1												
Macrolides - Erythromycin	4	1	0													1												
Tetracyclines	2	1	1																								1	

C. jejuni	Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																			
	Isolates out of a monitoring program (yes/no)																			
	Number of isolates available in the laboratory																			
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest	
Amphenicols - Chloramphenicol																		2	32	
Fluoroquinolones - Ciprofloxacin																		0.06	4	
Quinolones - Nalidixic acid																		2	64	
Aminoglycosides - Streptomycin																		1	16	
Aminoglycosides - Gentamicin																		0.12	16	
Macrolides - Erythromycin																		0.5	32	

Table Antimicrobial susceptibility testing of *C. jejuni* in Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

C. jejuni Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory Antimicrobials:	Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																		
	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Tetracyclines																		0.25	16

Table Antimicrobial susceptibility testing of *C. jejuni* in Meat from broilers (*Gallus gallus*) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

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

C. jejuni	Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
	Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16	
Amphenicols - Chloramphenicol	16	50	0																	48		1		1				
Fluoroquinolones - Ciprofloxacin	1	50	14							21		13		2								4	10					
Quinolones - Nalidixic acid	16	50	14																	4		22		10				
Aminoglycosides - Streptomycin	2	50	2															26		22		1						
Aminoglycosides - Gentamicin	1	50	0									12		14		23		1										
Macrolides - Erythromycin	4	50	1													49												
Tetracyclines	2	50	20											30										5		2		

C. jejuni	Meat from broilers (Gallus gallus) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																			
	Isolates out of a monitoring program (yes/no)																			
	Number of isolates available in the laboratory																			
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest	
Amphenicols - Chloramphenicol																		2	32	
Fluoroquinolones - Ciprofloxacin																		0.06	4	
Quinolones - Nalidixic acid		3		2	9													2	64	
Aminoglycosides - Streptomycin	1																	1	16	
Aminoglycosides - Gentamicin																		0.12	16	
Macrolides - Erythromycin			1															0.5	32	

Table Antimicrobial susceptibility testing of *C. jejuni* in Meat from broilers (*Gallus gallus*) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

<i>C. jejuni</i> Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from broilers (<i>Gallus gallus</i>) - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Tetracyclines	13																	0.25	16

Table Antimicrobial susceptibility testing of *C. jejuni* in Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

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

C. jejuni	Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	2	0																	2								
Fluoroquinolones - Ciprofloxacin	1	2	1							1													1					
Quinolones - Nalidixic acid	16	2	1																	1								
Aminoglycosides - Streptomycin	2	2	0															2										
Aminoglycosides - Gentamicin	1	2	0									2																
Macrolides - Erythromycin	4	2	0													2												
Tetracyclines	2	2	1											1														

C. jejuni	Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	32
Fluoroquinolones - Ciprofloxacin																		0.06	4
Quinolones - Nalidixic acid				1														2	64
Aminoglycosides - Streptomycin																		1	16
Aminoglycosides - Gentamicin																		0.12	16
Macrolides - Erythromycin																		0.5	32

Table Antimicrobial susceptibility testing of *C. jejuni* in Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

C. jejuni Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from duck - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Tetracyclines	1																	0.25	16

Table Antimicrobial susceptibility testing of *C. coli* in Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

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

C. coli	Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																											
	Isolates out of a monitoring program (yes/no)																											
	Number of isolates available in the laboratory																											
Antimicrobials:	Cut-off value	N	n	<=0.008	>0.008	0.015	>0.016	0.03	>0.03	0.06	>0.06	0.12	>0.12	0.25	>0.25	0.5	>0.5	1	>1	2	>2	4	>4	8	>8	16		
Amphenicols - Chloramphenicol	16	2	0																	2								
Fluoroquinolones - Ciprofloxacin	1	2	2																				2					
Quinolones - Nalidixic acid	32	2	2																									
Aminoglycosides - Streptomycin	4	2	0																	2								
Aminoglycosides - Gentamicin	2	2	0													2												
Macrolides - Erythromycin	16	2	0													2												
Tetracyclines	2	2	1											1										1				

C. coli	Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																		
	Isolates out of a monitoring program (yes/no)																		
	Number of isolates available in the laboratory																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
Amphenicols - Chloramphenicol																		2	32
Fluoroquinolones - Ciprofloxacin																		0.06	4
Quinolones - Nalidixic acid					2													2	64
Aminoglycosides - Streptomycin																		1	16
Aminoglycosides - Gentamicin																		0.12	16
Macrolides - Erythromycin																		0.5	32

Table Antimicrobial susceptibility testing of *C. coli* in Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls - quantitative data [Dilution method]

C. coli Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	Meat from turkey - carcass - at slaughterhouse - animal sample - neck skin - Surveillance - official controls																		
Antimicrobials:	>16	32	>32	64	>64	128	>128	256	>256	512	>512	1024	>1024	2048	>2048	4096	>4096	lowest	highest
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 <=
Tetracyclines	Tetracycline		2	
Fluoroquinolones	Ciprofloxacin		1	
Aminoglycosides	Gentamicin		2	
	Streptomycin		4	
Macrolides	Erythromycin		16	

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 <=
Tetracyclines	Tetracycline		2	
Fluoroquinolones	Ciprofloxacin		1	
Aminoglycosides	Gentamicin		2	
	Streptomycin		4	
Macrolides	Erythromycin		16	

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 <=
Tetracyclines	Tetracycline		2	
Fluoroquinolones	Ciprofloxacin		1	
Aminoglycosides	Gentamicin		2	
	Streptomycin		4	
Macrolides	Erythromycin		16	

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 <=
Tetracyclines	Tetracycline		2	
Fluoroquinolones	Ciprofloxacin		1	
Aminoglycosides	Gentamicin		1	
	Streptomycin		2	
Macrolides	Erythromycin		4	

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 <=
Tetracyclines	Tetracycline		2	
Fluoroquinolones	Ciprofloxacin		1	
Aminoglycosides	Gentamicin		1	
	Streptomycin		2	
Macrolides	Erythromycin		4	

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 <=
Tetracyclines	Tetracycline		2	
Fluoroquinolones	Ciprofloxacin		1	
Aminoglycosides	Gentamicin		1	
	Streptomycin		2	
Macrolides	Erythromycin		4	

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 unit	Sample weight	Units tested	Total units positive for L. monocytogenes	Units tested with detection method	Listeria monocytogenes presence in x g	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	L. monocytogenes > 100 cfu/g
Cheeses made from cows' milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls	OFML	Single	Various*	2	0	0	0	2	0	0
Cheeses made from goats' milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls	OFML	Single	Various*	12	0	3	0	12	0	0
Cheeses made from goats' milk - unspecified - made from raw or low heat-treated milk - at retail - Surveillance - official controls	OFML	Single	Various*	2	0	0	0	2	0	0
Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - at processing plant - Surveillance - official controls	DSL	Batch	25g	25	0	25	0			
Cheeses, made from unspecified milk or other animal milk - unspecified - at retail - Surveillance - official controls	OFML	Single	Various*	1	0	1	0	1	0	0
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at processing plant - Surveillance - official controls	DSL	Batch	25g	181	2	181	2			

Table *Listeria monocytogenes* in milk and dairy products

	Source of information	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	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	<i>L. monocytogenes</i> > 100 cfu/g
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls	OFML	Single	Various*	88	0	21	0	85	0	0
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at processing plant - Surveillance - official controls	DSL	Batch	25g	114	7	114	7			
Cheeses, made from unspecified milk or other animal milk - unspecified - made from raw or low heat-treated milk - at retail - Surveillance - official controls	OFML	Single	Various*	36	0	4	0	36	0	0
Dairy products (excluding cheeses) - at retail - Surveillance - official controls	OFML	Single	Various*	158	1	83	1	148	0	0
Dairy products (excluding cheeses) - butter - made from pasteurised milk - at processing plant - Surveillance - official controls	DSL	Batch	25g	43	1	43	1			
Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - at processing plant - Surveillance - official controls	DSL	Batch	25g	162	0	162	0			
Dairy products (excluding cheeses) - dairy products, not specified - made from raw or low heat-treated milk - at processing plant - Surveillance - official controls	DSL	Batch	25g	3	0	3	0			
Dairy products (excluding cheeses) - milk powder and whey powder - at processing plant - Surveillance - official controls	DSL	Batch	25g	76	0	1	0	75	0	0

Table *Listeria monocytogenes* in milk and dairy products

	Source of information	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	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	<i>L. monocytogenes</i> > 100 cfu/g
Infant formula - at retail - Surveillance - official controls	OFML	Single	Various*	3	0	2	0	3	0	0
Infant formula - dried - at processing plant - Surveillance - official controls	DSL	Batch	25g	4	0	4	0			
Infant formula - dried - at retail - Surveillance - official controls	OFML	Single	Various*	9	0	1	0	9	0	0
Infant formula - dried - intended for infants below 6 months - at processing plant - Surveillance - official controls	DSL	Batch	25g	7	0	7	0			
Infant formula - liquid - at processing plant - Surveillance - official controls	DSL	Batch	25g	2	0	2	0			
Milk from other animal species or unspecified - pasteurised - at processing plant - Surveillance - official controls	DSL	Batch	25g	128	3	128	3			
Milk from other animal species or unspecified - pasteurised - at retail - Surveillance - official controls	OFML	Single	Various*	6	0	6	0	6	0	0
Milk from other animal species or unspecified - raw - at retail - Surveillance - official controls	OFML	Single	Various*	1	0	0	0	1	0	0
Milk from other animal species or unspecified - raw - intended for direct human consumption - at processing plant - Surveillance - official controls	DSL	Batch	25g	7	0	7	0			

Footnote:

Various* - sample weight ranges from 5.41g -25.99g

Table *Listeria monocytogenes* in milk and dairy products

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 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	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	<i>L. monocytogenes</i> > 100 cfu/g
Bakery products - at retail - Surveillance - official controls	OFML	Single	Various*	369	1	108	1	331	0	0
Beverages, alcoholic - at retail - Surveillance - official controls	OFML	Single	Various*	1	0	0	0	1	0	0
Beverages, non-alcoholic - at retail - Surveillance - official controls	OFML	Single	Various*	21	0	15	0	18	0	0
Cereals and meals - at retail - Surveillance - official controls	OFML	Single	Various*	218	0	86	0	155	0	0
Confectionery products and pastes - at retail - Surveillance - official controls	OFML	Single	Various*	37	0	7	0	37	0	0
Crustaceans - at processing plant - Surveillance - official controls	SFPA	Single	not stated	1	0	1	0	0	0	0
Crustaceans - prawns - at processing plant - Surveillance - official controls	SFPA	Single	not stated	7	0	7	0	0	0	0
Crustaceans - shrimps - at processing plant - Surveillance - official controls	SFPA	Single	not stated	34	0	34	0	4	0	0
Crustaceans - unspecified - cooked - at retail - Surveillance - official controls	OFML	Single	Various*	19	0	4	0	19	0	0
Crustaceans - unspecified - raw - at retail - Surveillance - official controls	OFML	Single	Various*	3	0	0	0	3	0	0
Egg products - at retail - Surveillance - official controls	OFML	Single	Various*	278	0	31	0	269	0	0
Eggs - table eggs - at retail - Surveillance - official controls	OFML	Single	Various*	3	0	1	0	3	0	0

Table *Listeria monocytogenes* in other foods

	Source of information	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	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	<i>L. monocytogenes</i> > 100 cfu/g
Fats and oils (excluding butter) - at retail - Surveillance - official controls	OFML	Single	Various*	5	0	0	0	5	0	0
Fish - at processing plant - Surveillance - official controls	SFPA	Single	not stated	4	0	4	0	0	0	0
Fish - at processing plant - environmental sample - Surveillance - official controls	SFPA	Single	not stated	152	3	152	3	0	0	0
Fish - smoked - at processing plant - Surveillance - official controls	SFPA	Single	not stated	69	24	53	15	35	4	6
Fishery products, unspecified - at processing plant - Surveillance - official controls	SFPA	Single	not stated	7	0	7	0	0	0	0
Fishery products, unspecified - at retail - Surveillance - official controls	OFML	Single	*Various	6	0	3	0	4	0	0
Fishery products, unspecified - cooked - at retail - Surveillance - official controls	OFML	Single	*Various	293	3	132	2	174	1	1
Fishery products, unspecified - raw - at retail - Surveillance - official controls	OFML	Single	*Various	51	0	21	0	34	0	0
Fishery products, unspecified - smoked - at processing plant - Surveillance - official controls	SFPA	Single	not stated	1	0	1	0	0	0	0
Fishery products, unspecified - smoked - at retail - Surveillance - official controls	OFML	Single	*Various	13	2	8	2	11	1	0
Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - at retail - Surveillance - official controls	OFML	Single	*Various	1	0	1	0	0	0	0
Fruits and vegetables - at retail - Surveillance - official controls		Single	*Various	148	0	49	0	106	0	0

Table *Listeria monocytogenes* in other foods

	Source of information	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	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	<i>L. monocytogenes</i> > 100 cfu/g
Fruits and vegetables - precut - at retail - Surveillance - official controls	OFML	Single	*Various	20	0	2	0	18	0	0
Fruits and vegetables - products - at retail - Surveillance - official controls	OFML	Single	*Various	136	0	31	0	113	0	0
Juice - at retail - Surveillance - official controls	OFML	Single	*Various	14	0	10	0	8	0	0
Meat from bovine animals - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	5	0	5	0			
Meat from bovine animals - meat products - at retail - Surveillance - official controls	OFML	Single	*Various	2	0	0	0	2	0	0
Meat from bovine animals - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	52	0	52	0			
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	*Various	480	3	183	3	355	0	0
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	*Various	39	0	17	0	24	0	0
Meat from bovine animals - minced meat - at retail - Surveillance - official controls	OFML	Single	*Various	1	0	0	0	1	0	0
Meat from bovine animals - minced meat - intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	*Various	10	1	8	0	2	0	1
Meat from bovine animals and pig - at processing plant - Surveillance - official controls	CMCL	Single	25g	9	0	9	0			

Table *Listeria monocytogenes* in other foods

	Source of information	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	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	<i>L. monocytogenes</i> > 100 cfu/g
Meat from broilers (<i>Gallus gallus</i>) - fresh - at retail - Surveillance - official controls	OFML	Single	*Various	8	0	5	0	3	0	0
Meat from broilers (<i>Gallus gallus</i>) - meat products - at retail - Surveillance - official controls	OFML	Single	*Various	8	0	1	0	7	0	0
Meat from broilers (<i>Gallus gallus</i>) - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	50g	460	0	460	0			
Meat from broilers (<i>Gallus gallus</i>) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	*Various	995	8	220	3	886	4	1
Meat from broilers (<i>Gallus gallus</i>) - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	*Various	46	0	9	0	40	0	0
Meat from duck - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	23	0	23	0			
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	*Various	15	1	8	1	15	0	0
Meat from duck - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	*Various	1	0	1	0	1	0	0
Meat from guinea fowl - at retail - Surveillance - official controls	OFML	Single	*Various	1	0	1	0	1	0	0
Meat from horse - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	*Various	1	0	0	0	1	0	0

Table *Listeria monocytogenes* in other foods

	Source of information	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	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	<i>L. monocytogenes</i> > 100 cfu/g
Meat from other animal species or not specified - meat products - at retail - Surveillance - official controls	OFML	Single	*Various	3	0	1	0	2	0	0
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	*Various	346	1	155	1	227	0	0
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	*Various	27	0	16	0	11	0	0
Meat from other animal species or not specified - minced meat - at retail - Surveillance - official controls	OFML	Single	*Various	2	0	0	0	2	0	0
Meat from pig - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	2	0	2	0			
Meat from pig - meat products - at retail - Surveillance - official controls	OFML	Single	*Various	6	0	1	0	5	0	0
Meat from pig - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	131	0	131	0			
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	*Various	759	3	213	3	718	0	0
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	*Various	14	0	3	0	13	0	0
Meat from poultry, unspecified - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	3	0	3	0			

Table *Listeria monocytogenes* in other foods

	Source of information	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	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	<i>L. monocytogenes</i> > 100 cfu/g
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	30	1	30	1			
Meat from poultry, unspecified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	*Various	1	0	1	0	1	0	0
Meat from sheep - fresh - at retail - Surveillance - official controls	OFML	Single	*Various	1	0	0	0	1	0	0
Meat from sheep - meat products - at retail - Surveillance - official controls	OFML	Single	*Various	1	0	0	0	1	0	0
Meat from sheep - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	3	0	3	0			
Meat from sheep - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	*Various	67	0	18	0	60	0	0
Meat from sheep - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	*Various	3	0	0	0	3	0	0
Meat from turkey - fresh - at retail - Surveillance - official controls	OFML	Single	*Various	1	0	0	0	1	0	0
Meat from turkey - meat products - at processing plant - Surveillance - official controls	CMCL	Single	25g	1	0	1	0			
Meat from turkey - meat products - at retail - Surveillance - official controls	OFML	Single	*Various	2	0	0	0	2	0	0

Table *Listeria monocytogenes* in other foods

	Source of information	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	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	<i>L. monocytogenes</i> > 100 cfu/g
Meat from turkey - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	30	0	30	0			
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	*Various	164	1	42	1	156	0	0
Meat from turkey - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	*Various	1	0	0	0	1	0	0
Meat, mixed meat - meat products - cooked, ready-to-eat - at processing plant - Surveillance - official controls	CMCL	Single	25g	12	0	12	0			
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	*Various	43	0	12	0	41	0	0
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	*Various	5	0	1	0	4	0	0
Meat, red meat (meat from bovines, pigs, goats, sheep, horses, donkeys, bison and water buffalos) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	*Various	3	0	1	0	4	0	0
Molluscan shellfish - at processing plant - Surveillance - official controls	SFPA	Single	not stated	1	0	1	0	0	0	0
Molluscan shellfish - cooked - at processing plant - Surveillance - official controls	SFPA	Single	not stated	9	0	9	0	0	0	0
Molluscan shellfish - cooked - at retail - Surveillance - official controls	OFML	Single	Various*	3	0	1	0	3	0	0

Table *Listeria monocytogenes* in other foods

	Source of information	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	Units tested with enumeration method	> detection limit but ≤ 100 cfu/g	<i>L. monocytogenes</i> > 100 cfu/g
Molluscan shellfish - raw - at retail - Surveillance - official controls	OFML	Single	*Various	2	0	2	0	2	0	0
Mushrooms - at retail - Surveillance - official controls	OFML	Single	*Various	1	0	0	0	1	0	0
Nuts and nut products - at retail - Surveillance - official controls	OFML	Single	*Various	7	0	1	0	7	0	0
Other food - at processing plant - Surveillance - official controls	CMCL	Single	25g	1	0	1	0			
Other food - at retail - Surveillance - official controls	OFML	Single	*Various	3	0	1	0	3	0	0
Other food - at retail - environmental sample - Surveillance - official controls	OFML	Single	*Various	58	2	57	2	1	0	0
Other processed food products and prepared dishes - at retail - Surveillance - official controls	OFML	Single	*Various	1575	8	402	8	1392	0	0
Other processed food products and prepared dishes - sandwiches - at retail - Surveillance - official controls	OFML	Single	*Various	123	0	13	0	123	0	0
Sauce and dressings - at retail - Surveillance - official controls	OFML	Single	*Various	207	0	60	0	187	0	0
Sauce and dressings - mayonnaise - at retail - Surveillance - official controls	OFML	Single	*Various	47	0	8	0	46	0	0
Soups - at retail - Surveillance - official controls	OFML	Single	*Various	69	0	13	0	67	0	0
Spices and herbs - at retail - Surveillance - official controls	OFML	Single	*Various	15	1	7	0	11	0	1

Table Listeria monocytogenes in other foods

Footnote:

Crustaceans - shrimps - at processing plant - Surveillance - official controls: "4 of the samples tested qualitatively were also tested quantitatively"

Fish - smoked - at processing plant - Surveillance - official controls: "34 samples tested qualitatively only, 16 samples tested quantitatively only. 19 samples tested both qualitatively and quantitatively. This implies that there were 53 samples tested qualitatively and 35 samples tested quantitatively. Of the 34 samples that were tested qualitatively only, none were positive. Of the 16 samples that were tested using the enumeration method only, 9 were positive. 6 of these samples were >100, 3 of these samples were > detection limit but <100. Of the 19 samples tested both qualitatively and quantitatively, 15 were positive - 14 had a positive qualitative result only, 1 sample had a positive qualitative and quantitative result"

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).

Various* - sample weight ranges from 5.41g -25.99g

Further clarifications in response to EFSA queries:

Fishery products, unspecified - cooked - at retail - Surveillance - official controls: Total units positive = 3. 2 units were positive in detection method. One of these units was also positive in enumeration method (this unit is only counted once in "Total units positive for Lm"). One unit was positive in enumeration method only.

Fishery products, unspecified - smoked - at retail - Surveillance - official controls: Total units positive = 2. 2 units were positive in detection method. One of these units was also positive in enumeration method (this unit is only counted once in "Total units positive for Lm").

2.3.3 Listeria in animals

Table Listeria in animals

	Source of information	Sampling unit	Units tested	Total units positive for Listeria	L. monocytogenes	Listeria spp., unspecified
Birds - wild - Clinical investigations	RVL	Animal	66	0		
Cats - Clinical investigations	RVL	Animal	55	0		
Cattle (bovine animals) - calves (under 1 year) - Clinical investigations	RVL	Animal	6383	10	10	
Cattle (bovine animals) - dairy cows - Clinical investigations	RVL	Animal	1432	0		
Cattle (bovine animals) - others - Clinical investigations (Foetus/stillbirth)	RVL	Animal	2720	61	61	
Deer - Clinical investigations	RVL	Animal	10	0		
Dogs - Clinical investigations	RVL	Animal	376	0		
Goats - Clinical investigations	RVL	Animal	79	0		
Pigs - Clinical investigations	RVL	Animal	327	0		
Rabbits - Clinical investigations	RVL	Animal	35	0		
Sheep - Clinical investigations	RVL	Animal	1500	6	6	
Solipeds, domestic - Clinical investigations	RVL	Animal	581	0		

Footnote:

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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 unit	Sample weight	Units tested	Total units positive for Verotoxigenic E. coli (VTEC)	Verotoxigenic E. coli (VTEC) - VTEC O157	Verotoxigenic E. coli (VTEC) - VTEC non-O157	Verotoxigenic E. coli (VTEC) - VTEC, unspecified
Bakery products - at retail - Surveillance - official controls	OFML	Single	25g	5	0			
Cheeses made from goats' milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls	OFML	Single	25g	1	0			
Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - at retail - Surveillance - official controls	OFML	Single	25g	5	0			
Dairy products (excluding cheeses) - at retail - Surveillance - official controls	OFML	Single	25g	6	0			
Fruits and vegetables - at retail - Surveillance - official controls	OFML	Single	25g	2	0			
Fruits and vegetables - products - at retail - Surveillance - official controls	OFML	Single	25g	1	0			
Infant formula - dried - at retail - Surveillance - official controls	OFML	Single	25g	1	0			

Table VT E. coli in food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Verotoxigenic E. coli (VTEC)	Verotoxigenic E. coli (VTEC) - VTEC O157	Verotoxigenic E. coli (VTEC) - VTEC non-O157	Verotoxigenic E. coli (VTEC) - VTEC, unspecified
Meat from bovine animals - fresh - at processing plant - Monitoring - official sampling	CVRL	Single	25g	90	0			
Meat from bovine animals - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	25g	7	0			
Meat from bovine animals - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	25g	3	0			
Meat from broilers (Gallus gallus) - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	25g	12	0			
Meat from broilers (Gallus gallus) - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	25g	2	0			
Meat from duck - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	25g	2	0			
Meat from other animal species or not specified - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	25g	3	0			
Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	25g	8	1	1		
Meat from other animal species or not specified - minced meat - intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	25g	1	0			
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	25g	2	0			

Table VT E. coli in food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Verotoxigenic E. coli (VTEC)	Verotoxigenic E. coli (VTEC) - VTEC O157	Verotoxigenic E. coli (VTEC) - VTEC non-O157	Verotoxigenic E. coli (VTEC) - VTEC, unspecified
Meat from pig - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	25g	2	0			
Meat from sheep - fresh - at processing plant - Monitoring - official sampling	CVRL	Single	25g	3	0			
Meat from sheep - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	25g	1	0			
Meat from turkey - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	25g	1	0			
Meat, mixed meat - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	25g	2	0			
Meat, mixed meat - meat products - raw but intended to be eaten cooked - at retail - Surveillance - official controls	OFML	Single	25g	4	0			
Milk from other animal species or unspecified - raw - at retail - Surveillance - official controls	OFML	Single	25g	3	0			
Other food - at retail - Surveillance - official controls	OFML	Single	25g	1	0			
Other food - at retail - environmental sample - Surveillance - official controls	OFML	Single	25g	6	0			
Other processed food products and prepared dishes - at retail - Surveillance - official controls	OFML	Single	25g	3	0			
Sauce and dressings - at retail - Surveillance - official controls	OFML	Single	25g	1	0			

Table VT E. coli in food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Verotoxigenic E. coli (VTEC)	Verotoxigenic E. coli (VTEC) - VTEC O157	Verotoxigenic E. coli (VTEC) - VTEC non-O157	Verotoxigenic E. coli (VTEC) - VTEC, unspecified
Soups - at retail - Surveillance - official controls	OFML	Single	25g	2	0			

Footnote:

Meat from other animal species or not specified - meat products - raw but intended to be eaten cooked: 1 positive - VTEC O157 VT2 Serotype 08.

Methods for the analyses of VTEC

CVRL : Method only able to detect VTEC O157, based on ISO 16654:2001.

OFMLs: 4 of the 7 Official Food Microbiology Laboratories (OFMLs) carried out VTEC analysis in 2010 (Cherry Orchard, Limerick, Sligo and Waterford). The method used is based on ISO 16654:2001 and detects the presence of VTEC O157. The laboratories also have the capability to test for other serogroups including O26, O111, O103, O146 using a variation of this method. Toxin confirmation of positives is carried out at Cherry Orchard laboratory

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 unit	Units tested	Total units positive for Mycobacterium	M. bovis	M. tuberculosis	Mycobacterium spp., unspecified
Badgers	DAFF Lab & Field Staff	Animal	930	121	117		4
Pigs	DAFF Lab & Field Staff	Animal	1	1	0		1
Sheep	DAFF Lab & Field Staff	Animal	18	5	5		
Badgers - Surveillance	RVL	Animal	101	25	24		1
Birds	DAFF Lab & Field Staff	Animal	7	3			3
Deer - Surveillance	RVL	Animal	6	1	1		
Goats (Culture on PM)	Daff Lab & Field Staff	Animal	16	4	2		2
Goats - Clinical investigations	RVL	Animal	10	4	2		2
Goats - Control and eradication programmes (skin test)	DAFF Lab & Field Staff	Animal	1214	2			2
Sheep - Clinical investigations	RVL	Animal	1	0			

Footnote:

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Table Tuberculosis in other animals

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	116815	116815	114011	5520	5304	28	.51	97.6	4.84	4.65
Total : ¹⁾	116815	116815	114011	5520	5304	28	.51	97.6	4.84	4.65
Total - 1	117287	117287	115142	6065	5860	21	.35	98.17	5.27	5.09

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	5751564	5751564	5613505	5613505	20211	20211	21544	97.6	.36
Total : ¹⁾	5751564	5751564	5613505	5613505	20211	20211	21544	97.6	.36
Total - 1	6025656	6025656	5915557	5915557	23805	23805	25114	98.17	.4

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	116815	5751564	0	0	1617	181699	1232	123519	263	27207	0	0	113703	5419139
Total : ¹⁾	116815	5751564	0	0	1617	181699	1232	123519	263	27207	0	0	113703	5419139
Total - 1	117287	6025656	0	0	1712	186151	1510	153915	292	34207	0	0	113773	5651382

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 unit	Units tested	Total units positive for Brucella	B. abortus	B. melitensis	B. suis	Brucella spp., unspecified
Cattle (bovine animals) - others - Clinical investigations	RVL	Animal	2540	0				
Goats - Clinical investigations	RVL	Animal	3	0				
Pigs - Clinical investigations	RVL	Animal	1	0				
Sheep - Clinical investigations	RVL	Animal	7	0				
Solipeds, domestic - Clinical investigations	RVL	Animal	4	0				

Footnote:

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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	36194	3112327	36194	100	0	0	963	17534	0	17534	0	0	0	0
Total : ¹⁾	36194	3112327	36194	100	0	0	963	17534	0	17534	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	116815	5751564	116815	100	0	0	106000	2140000	0	20280	199310	0	2540	0	0	252	36	0	0	20	0
Total : ¹⁾	116815	5751564	116815	100	0	0	106000	2140000	0	20280	199310	0	2540	0	0	252	36	0	0	20	0

Comments:

¹⁾ N.A.

Footnote:

There were 199,310 pooled bulk milk samples tested. The last confirmed case of brucellosis in Ireland was in 2006.

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 unit	Units tested	Total units positive for Yersinia	Y. enterocolitica	Y. pseudotuberculosis	Yersinia spp., unspecified	Y. enterocolitica - O:3	Y. enterocolitica - O:9	Y. enterocolitica - Y. enterocolitica, unspecified
Birds - wild - Clinical investigations (Culture & API20E)	RVL	Animal	66	0						
Cats - Clinical investigations (Culture & API20E)	RVL	Animal	55	0						
Cattle (bovine animals) - Clinical investigations (Culture & API20E)	RVL	Animal	10535	1		1				
Dogs - Clinical investigations (Culture & API20E)	RVL	Animal	376	0						
Goats - Clinical investigations (Culture & API20E)	RVL	Animal	79	0						
Parrots - Clinical investigations (Culture & API20E)	RVL	Animal	1	1		1				
Pigs - Clinical investigations (Culture & API20E)	RVL	Animal	327	0						
Sheep - Clinical investigations (Culture & API20E)	RVL	Animal	1500	4		4				
Solipeds, domestic - Clinical investigations (Culture & API20E)	RVL	Animal	581	0						

Table Yersinia in animals

Footnote:
RVL - Regional Veterinary Laboratories

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 unit	Units tested	Total units positive for Trichinella	T. spiralis	Trichinella spp., unspecified
Foxes - wild - from hunting - Monitoring - official sampling	DAFF	Animal	423	2	1	1
Pigs - at slaughterhouse - animal sample - Monitoring - industry sampling (Local Authority slaughterhouses)	FSAI	Animal	58014	0		
Pigs - at slaughterhouse - animal sample - meat juice - Monitoring - official sampling	VPHRL	Animal	3476	0		
Pigs - breeding animals - at slaughterhouse - animal sample - meat juice - Monitoring - industry sampling	DAFF	Animal	82763	0		
Pigs - fattening pigs - at slaughterhouse - animal sample - meat juice - Monitoring - industry sampling	DAFF	Animal	2548226	0		
Solipeds, domestic - horses - at slaughterhouse - animal sample (Local Authority Slaughterhouses)	FSAI	Animal	2494	0		
Solipeds, domestic - horses - at slaughterhouse - animal sample - Monitoring - industry sampling	DAFF	Animal	6424	0		

Table Trichinella in animals

	Source of information	Sampling unit	Units tested	Total units positive for Trichinella	T. spiralis	Trichinella spp., unspecified
Solipeds, domestic - horses - at slaughterhouse - animal sample - Monitoring - official sampling	VPHRL	Animal	125	0		

Footnote:

One positive fox listed as Trichinella spp., unspecified is awaiting confirmatory testing and species identification from the CRL.

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 unit	Region	Units tested	Total units positive for Echinococcus	E. granulosus	E. multilocularis	Echinococcus spp., unspecified
Foxes - wild - from hunting - Survey - national survey		Animal		493	0			

Footnote:

Foxes captured and tested between October 2009 and November 2010

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 unit	Units tested	Total units positive for Toxoplasma	T. gondii
Cattle (bovine animals) - Clinical investigations (Latex Agglutination Test (positive titre $\geq 1/1024$) or Immunohistochemistry test (IHC))	RVL	Animal	104	5	5
Goats - Clinical investigations (Latex Agglutination Test (positive titre $\geq 1/1024$) or Immunohistochemistry test (IHC))	RVL	Animal	39	5	5
Sheep - Clinical investigations (Latex Agglutination Test (positive titre $\geq 1/1024$) or Immunohistochemistry test (IHC))	RVL	Animal	718	140	140

Footnote:

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2.11 RABIES

2.11.1 General evaluation of the national situation

2.12 STAPHYLOCOCCUS INFECTION

2.12.1 General evaluation of the national situation

2.12.2 Staphylococcus in animals

Table Staphylococcus in Animals

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Staphylococcus	Total units positive for S. aureus, methicillin resistant (MRSA)	S. aureus, methicillin resistant (MRSA) - spa-type t011	S. aureus, methicillin resistant (MRSA) - spa-type t108	S. aureus, methicillin resistant (MRSA) - spa-type t034	S. aureus, methicillin resistant (MRSA) - MRSA, unspecified	S. aureus
Cattle (bovine animals) - adult cattle over 2 years - Clinical investigations	RVL	Animal		6642	2126	3				3	1940
Dogs - Clinical investigations	RVL	Animal		308	58	1				1	42
Goats - Clinical investigations	RVL	Animal		80	7						5
Pigs - Clinical investigations	RVL	Animal		327	1						1
Sheep - Clinical investigations	RVL	Animal		1452	26						19

Table Staphylococcus in Animals

	Staphylococcus spp., unspecified
Cattle (bovine animals) - adult cattle over 2 years - Clinical investigations	183
Dogs - Clinical investigations	15
Goats - Clinical investigations	2
Pigs - Clinical investigations	0
Sheep - Clinical investigations	7

Footnote:

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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 unit	Units tested	Total units positive for Coxiella (Q-fever)	C. burnetii
Cattle (bovine animals) - Clinical investigations (Serology)	RVL	Animal	63	1	1
Goats - Clinical investigations (Serology)	RVL	Animal	3	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 in Cattle (bovine animals)

Escherichia coli, non-pathogenic Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	E.coli, non-pathogenic, unspecified	
	no	
	458	
Antimicrobials:	N	n
Fluoroquinolones - Enrofloxacin	434	37
Aminoglycosides - Streptomycin	442	158
Aminoglycosides - Neomycin	410	88
Aminoglycosides - Kanamycin	391	60
Penicillins - Ampicillin	436	213
Tetracyclines - Tetracycline	450	126
Fully sensitive	458	158
Resistant to 1 antimicrobial	458	66
Resistant to 2 antimicrobials	458	38
Resistant to 3 antimicrobials	458	55
Resistant to 4 antimicrobials	458	55
Resistant to >4 antimicrobials	458	86
Cephalosporins + Aminoglycosides - Cefalexin + Kanamycin	270	46

Table Antimicrobial susceptibility testing of E. coli in Cattle (bovine animals)

Escherichia coli, non-pathogenic Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	E.coli, non-pathogenic, unspecified	
	no	
	458	
Antimicrobials:	N	n
Cephalosporins - Cefpodoxime	441	18
Cephalosporins - Ceftiofur	439	14
Cephalosporins - Cephalothin	361	140
Penicillins - Amoxicillin / Clavulanic acid	434	91
Trimethoprim + Sulphonamides - Trimethoprim + Sulfamethoxazol	458	78

Table Cut-off values used for antimicrobial susceptibility testing of *Escherichia coli*, non-pathogenic in Animals

Test Method Used		Standard methods used for testing		
			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Amphenicols	Chloramphenicol		16	
Tetracyclines	Tetracycline		8	
Fluoroquinolones	Ciprofloxacin		0.03	
Quinolones	Nalidixic acid		16	
Trimethoprim	Trimethoprim		2	
Sulphonamides	Sulphonamides		256	
Aminoglycosides	Streptomycin		16	
	Gentamicin		2	
Cephalosporins	Cefotaxim		0.25	
Penicillins	Ampicillin		8	

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 <=
Amphenicols	Chloramphenicol		16	
Tetracyclines	Tetracycline		8	
Fluoroquinolones	Ciprofloxacin		0.03	
Quinolones	Nalidixic acid		16	
Trimethoprim	Trimethoprim		2	
Sulphonamides	Sulphonamides		256	
Aminoglycosides	Streptomycin		16	
	Gentamicin		2	
Cephalosporins	Cefotaxim		0.25	
Penicillins	Ampicillin		8	

430

Test Method Used		Standard methods used for testing		
			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Amphenicols	Chloramphenicol		16	
Tetracyclines	Tetracycline		8	
Fluoroquinolones	Ciprofloxacin		0.03	
Quinolones	Nalidixic acid		16	
Trimethoprim	Trimethoprim		2	
Sulphonamides	Sulphonamides		256	
Aminoglycosides	Streptomycin		16	
	Gentamicin		2	
Cephalosporins	Cefotaxim		0.25	
Penicillins	Ampicillin		8	

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 Enterococcus, non-pathogenic in Cattle (bovine animals)

Enterococcus, non-pathogenic Isolates out of a monitoring program (yes/no) Number of isolates available in the laboratory	E. faecalis		E. faecium	
	no		no	
	32		9	
	N	n	N	n
Antimicrobials:				
Tetracyclines - Tetracycline	29	20	9	5
Cephalosporins + Aminoglycosides - Cefalexin + Kanamycin	27	5	17	3
Cephalosporins - Cephalothin	21	2	8	4
Macrolides - Erythromycin	28	5	8	2

Table Cut-off values for antibiotic resistance of Enterococcus, non-pathogenic in Animals

Test Method Used		Standard methods used for testing		
Disc diffusion		NCCLS/CLSI		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Penicillins	Ampicillin	CLSI		16
	Amoxicillin / Clavulanic acid	CLSI		13
Tetracyclines	Tetracycline	CLSI		14
Cephalosporins	Cephalothin	CLSI		14
Cephalosporins + Aminoglycosides	Cefalexin + Kanamycin	CLSI		17

Table Cut-off values for antibiotic resistance of *E. faecalis* in Animals

Test Method Used		Standard methods used for testing		
Disc diffusion		NCCLS/CLSI		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Streptomycin		512	
	Gentamicin		32	
Amphenicols	Chloramphenicol		32	
Penicillins	Ampicillin		4	16
	Amoxicillin / Clavulanic acid			13
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin		4	
Macrolides	Erythromycin		4	
Streptogramins	Quinupristin/Dalfopristin		32	
Tetracyclines	Tetracycline		2	14
Oxazolidines	Linezolid		4	
Cephalosporins	Cephalothin			14

Table Cut-off values for antibiotic resistance of E. faecalis in Animals

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	Streptomycin		512	
	Gentamicin		32	
Amphenicols	Chloramphenicol		32	
Penicillins	Ampicillin		4	
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin		4	
Macrolides	Erythromycin		4	
Streptogramins	Quinupristin/Dalfopristin		32	
Tetracyclines	Tetracycline		2	
Oxazolidines	Linezolid		4	

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	Streptomycin		512	
	Gentamicin		32	
Amphenicols	Chloramphenicol		32	
Penicillins	Ampicillin		4	
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin		4	
Macrolides	Erythromycin		4	
Streptogramins	Quinupristin/Dalfopristin		32	
Tetracyclines	Tetracycline		2	
Oxazolidines	Linezolid		4	

Table Cut-off values for antibiotic resistance of *E. faecium* in Animals

Test Method Used		Standard methods used for testing		
Disc diffusion		NCCLS/CLSI		

			Concentration (microg/ml)	Zone diameter (mm)
		Standard	Resistant >	Resistant <=
Aminoglycosides	Streptomycin		128	
	Gentamicin		32	
Amphenicols	Chloramphenicol		32	
Penicillins	Ampicillin		4	16
	Amoxicillin / Clavulanic acid			13
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin		4	
Macrolides	Erythromycin		4	
Streptogramins	Quinupristin/Dalfopristin		1	
Tetracyclines	Tetracycline		2	14
Oxazolidines	Linezolid		4	
Cephalosporins	Cephalothin			16

Table Cut-off values for antibiotic resistance of E. faecium in Animals

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	Streptomycin		128	
	Gentamicin		32	
Amphenicols	Chloramphenicol		32	
Penicillins	Ampicillin		4	
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin		4	
Macrolides	Erythromycin		4	
Streptogramins	Quinupristin/Dalfopristin		1	
Tetracyclines	Tetracycline		2	
Oxazolidines	Linezolid		4	

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	Streptomycin		128	
	Gentamicin		32	
Amphenicols	Chloramphenicol		32	
Penicillins	Ampicillin		4	
Glycopeptides (Cyclic peptides, Polypeptides)	Vancomycin		4	
Macrolides	Erythromycin		4	
Streptogramins	Quinupristin/Dalfopristin		1	
Tetracyclines	Tetracycline		2	
Oxazolidines	Linezolid		4	

4. INFORMATION ON SPECIFIC MICROBIOLOGICAL AGENTS

4.1 ENTEROBACTER SAKAZAKII

4.1.1 General evaluation of the national situation

4.1.2 Enterobacter sakazakii in foodstuffs

Table Enterobacter sakazakii in food

	Source of information	Sampling unit	Sample weight	Units tested	Total units positive for Enterobacter sakazakii	E. sakazakii
Infant formula - at processing plant - Surveillance - official controls	DSL	Batch	10g	23	0	
Milk from other animal species or unspecified - at processing plant - Surveillance - official controls	DSL	Batch	10g	1	0	

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 unit	Sample weight	Units tested	Total units in non-conformity	<= 100 mg/kg	>100 - <= 200 mg/kg	>200 - <= 400 mg/kg	> 400 mg/kg
Fish - at processing plant - Surveillance - official controls	SFPA	Batch	Not stated	21	0	21			

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 unit	Sample weight	Units tested	Total units positive for Staphylococcal enterotoxins
Cheeses, made from unspecified milk or other animal milk - at processing plant - Surveillance - official controls	DSL	Batch	Not stated	16	0
Fish - cooked - at retail - Surveillance - official controls	OFML	Single	Not stated	1	1
Fruits and vegetables - at retail - Surveillance - official controls	OFML	Single	Not stated	1	1
Meat from pig - meat products - cooked, ready-to-eat - at retail - Surveillance - official controls	OFML	Single	Not stated	1	1
Milk from other animal species or unspecified - at processing plant - Surveillance - official controls	DSL	Batch	Not stated	1	0

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

	Number of outbreaks	Human cases	Hospitalized	Deaths	Strong evidence Number of Outbreaks	Total number of outbreaks
Salmonella - S. Typhimurium	1	5	2	0	2	3
Salmonella - S. Enteritidis	2	4	3	0	0	2
Salmonella - Other serovars	2	17	4	0	0	2
Campylobacter	0	0	0	0	1	1
Listeria - Listeria monocytogenes	0	0	0	0	0	0
Listeria - Other Listeria	0	0	0	0	0	0
Yersinia	0	0	0	0	0	0
Escherichia coli, pathogenic -	1	2	0	0	0	1
Bacillus - B. cereus	0	0	0	0	0	0
Bacillus - Other Bacillus	0	0	0	0	0	0
Staphylococcal enterotoxins	0	0	0	0	0	0
Clostridium - Cl. botulinum	0	0	0	0	0	0
Clostridium - Cl. perfringens	0	0	0	0	0	0
Clostridium - Other Clostridia	0	0	0	0	0	0
Other Bacterial agents - Brucella	0	0	0	0	0	0

	Number of outbreaks	Human cases	Hospitalized	Deaths	Strong evidence Number of Outbreaks	Total number of outbreaks
Other Bacterial agents - Shigella	1	3	1	0	0	1
Other Bacterial agents - Other Bacterial	0	0	0	0	0	0
Parasites - Trichinella	0	0	0	0	0	0
Parasites - Giardia	0	0	0	0	0	0
Parasites - Cryptosporidium	1	2	0	0	0	1
Parasites - Anisakis	0	0	0	0	0	0
Parasites - Other Parasites	0	0	0	0	0	0
Viruses - Norovirus	1	15	0	0	1	2
Viruses - Hepatitis viruses	0	0	0	0	0	0
Viruses - Other Viruses	0	0	0	0	0	0
Other agents - Histamine	0	0	0	0	0	0
Other agents - Marine biotoxins	0	0	0	0	0	0
Other agents - Other Agents	0	0	0	0	0	0
Unknown agent	1	7	0	0	0	1

Table Foodborne Outbreaks: detailed data for Campylobacter

Please use CTRL for multiple selection fields

Campylobacter spp., unspecified

Value

FBO Code	IE2010-2241
Number of outbreaks	1
Number of human cases	5
Number of hospitalisations	1
Number of deaths	0
Food vehicle	Other, mixed or unspecified poultry meat and products thereof
More food vehicle information	Foie gras
Nature of evidence	Analytical epidemiological evidence
Outbreak type	General
Setting	Restaurant, Cafe, Pub, Bar, Hotel
Place of origin of problem	Restaurant/Café/Pub/Bar/Hotel/Catering service
Origin of food vehicle	Domestic market
Contributory factors	Unknown
Mixed Outbreaks (Other Agent)	
Additional information	Cohort study

Table Foodborne Outbreaks: detailed data for Salmonella

Please use CTRL for multiple selection fields

S. Typhimurium

Value

FBO Code	IE2010-2073
Number of outbreaks	1
Number of human cases	35
Number of hospitalisations	18
Number of deaths	0
Food vehicle	Eggs and egg products
More food vehicle information	Duck eggs
Nature of evidence	Descriptive epidemiological evidence;Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans
Outbreak type	General
Setting	Unknown
Place of origin of problem	Farm (primary production)
Origin of food vehicle	Domestic market
Contributory factors	Unknown
Mixed Outbreaks (Other Agent)	Salmonella Typhimurium DT8
Additional information	Detection of Salmonella Typhimurium DT8 outbreak strain in duck egg farms, duck eggs and human cases

S. Typhimurium

Value

FBO Code	IE2010-2238
Number of outbreaks	1
Number of human cases	3
Number of hospitalisations	0
Number of deaths	0
Food vehicle	Milk
More food vehicle information	Raw milk consumed from family farm
Nature of evidence	Descriptive epidemiological 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	Farm (primary production)
Origin of food vehicle	Domestic market
Contributory factors	Unprocessed contaminated ingredient
Mixed Outbreaks (Other Agent)	
Additional information	Family consumed raw milk from family farm. Cattle were also symptomatic and found to be infected with outbreak strain (same MLVA)

Ireland - 2010 Report on trends and sources of zoonoses

The following amendments were made:

Date of Modification	Row name	Column name	Old value
2012-01-13	S. Typhimurium	Mixed Outbreaks (Other Agent)	
	S. Typhimurium	Additional information	Detection of outbreak strain in duck egg farms, duck eggs and human cases

Date of Modification	New value
2012-01-13	Salmonella Typhimurium DT8
	Detection of Salmonella Typhimurium DT8 outbreak strain in duck egg farms, duck eggs and human cases

Table Foodborne Outbreaks: detailed data for Viruses

Please use CTRL for multiple selection fields

Calicivirus - norovirus (Norwalk-like virus)

Value

FBO Code	IE2010-2232
Number of outbreaks	1
Number of human cases	50
Number of hospitalisations	0
Number of deaths	0
Food vehicle	Tap water, including well water
More food vehicle information	
Nature of evidence	Analytical epidemiological evidence
Outbreak type	General
Setting	Restaurant, Cafe, Pub, Bar, Hotel
Place of origin of problem	Restaurant/Café/Pub/Bar/Hotel/Catering service
Origin of food vehicle	Domestic market
Contributory factors	Cross-contamination;Unprocessed contaminated ingredient
Mixed Outbreaks (Other Agent)	
Additional information	Ice implicated by cohort study & case histories. Ice contaminated by coliforms.