ZOONOSES MONITORING

United Kingdom

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

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

IN 2020

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 United Kingdom during the year 2020.

The information covers the occurrence of these diseases and agents in animals, foodstuffs and in some cases also in feedingstuffs. In addition the report includes data on antimicrobial resistance in some zoonotic agents and indicator bacteria as well as information on epidemiological investigations of foodborne outbreaks.
Complementary data on susceptible animal populations in the country is also given. The information given covers both zoonoses that are important for the public health in the whole European Union as well as zoonoses, which are relevant on the basis of the national epidemiological situation.
The report describes the monitoring systems in place and the prevention and control strategies applied in the country. For some zoonoses this monitoring is based on legal requirements laid down by the European Union legislation, while for the other zoonoses national approaches are applied.

The report presents the results of the examinations carried out in the reporting year. A national evaluation of the epidemiological situation, with special reference to trends and sources of zoonotic infections, is given. Whenever possible, the relevance of findings in foodstuffs and animals to zoonoses cases in humans is evaluated.
The information covered by this report is used in the annual European Union Summary Reports on zoonoses and antimicrobial resistance that are published each year by EFSA.

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

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

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ANIMAL POPULATION TABLES

Table Susceptible animal population

Animal species	Category of animals	Population	
		animal	herd/flock
Cattle (bovine animals)	Cattle (bovine animals)	9,723,389	103,946
Deer	Deer - farmed	37,125	
Gallus gallus (fowl)	Gallus gallus (fowl) - breeding flocks, unspecified - adult	13,069,221	1,493
	Gallus gallus (fowl) - broilers	120,625,799	56,631
	Gallus gallus (fowl) - laying hens	37,266,808	
	Gallus gallus (fowl) - laying hens - adult		4,578
Pigs	Pigs	5,055,000	
	Pigs - breeding animals	502,000	
	Pigs - fattening pigs	4,553,000	
Poultry, unspecified	Poultry, unspecified	182,892,072	
Small ruminants	Goats	112,025	
	Sheep	21,845,000	77,944
	Sheep and goats	21,957,025	80,696
Solipeds, domestic	Solipeds, domestic - horses	234,777	
Turkeys	Turkeys	3,710,223	2,821
	Turkeys - breeding flocks, unspecified - adult		267
	Turkeys - fattening flocks		2,554

DISEASE STATUS TABLES

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

Region	Zoonotic agent	Number of animals serologically tested under investigations of suspect cases	Number of animals positive in microbiological testing under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Total number of animals	Total number of herds	Number of herds tested under surveillance by bulk milk	Number of animals or pools tested under surveillance by bulk milk	Number of notified abortions whatever cause under investigations of suspect cases	Number of abortions due to Brucella infection under investigations of suspect cases	Number of animals tested in microbiological and/or molecular-biology testing under investigations of suspect cases
UNITED KINGDOM	Brucella	3,184	0	80,923	0	8,003,111	80,923	7,489	33,416	1,132	0	1,132
NORTHERN IRELAND (NUTS level 1)	Brucella		0	23,002	0	1,720,278	23,023	2,603	31,413	1,090	0	3

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

Region	Zoonotic agent	Number of animals serologically tested under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of herds tested under surveillance	Number of animals tested under surveillance	Total number of herds
UNITED KINGDOM	Brucella	787	70,024	0	19,963,098	802	13,542	70,024
NORTHERN IRELAND (NUTS level 1)	Brucella	0	10,072	0	1,993,927	268	4,444	10,072

DISEASE STATUS TABLES

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

Region	Zoonotic agent	Total number of animals	Number of animals to be tested under the program	Number of animals tested	Number of animals tested individually	Number of positive animals	Number of positive animals slaughtered	Total number of animals slaughtered
UNITED KINGDOM	Mycobacterium bovis	5,168,482	4,180,184	4,180,184	4,180,184	26,926	26,926	27,810
WALES	Mycobacterium bovis	1,122,369	1,122,369	1,122,369	1,122,369	9,232	9,232	10,433
NORTHERN IRELAND (NUTS level 1)	Mycobacterium bovis	1,720,278	1,720,278	1,720,278	1,720,278	12,852	12,852	14,443

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

Region	Zoonotic agent	Number of new positive herds	Number of depopulated herds	Total number of herds	Number of herds under the program	Number of herds under the program tested/checked	Number of positive herds
UNITED KINGDOM	Mycobacterium bovis	3,170	3	49,577	49,577	31,010	5,313
WALES	Mycobacterium bovis	612	3	11,582	11,582	10,291	1,216
NORTHERN IRELAND (NUTS level 1)	Mycobacterium bovis	1,861	17	23,023	23,023	22,801	2,467

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

Region	Zoonotic agent	Total number of herds under the program, at the end of the period	Total number of animals under the program, at the end of the period	Number of herds with unknown status, at the end of the period	Number of animals with unknown status, at the end of the period	Number of herds with status not free or not officially free and last check positive, at the end of the period	Number of animals with status not free or not officially free and last check positive, at the end of the period	Number of herds with status not free or not officially free and last check negative, at the end of the period	Number of animals with status not free or not officially free and last check negative, at the end of the period	Number of herds with status officially free, at the end of the period	Number of animals with status officially free, at the end of the period
UNITED KINGDOM	Mycobacterium bovis	49,577	5,168,482	0	0	3,803	708,960	0	0	43,806	3,899,796
WALES	Mycobacterium bovis	11,582	1,122,369	0	0	586	97,917	0	0	10,366	876,437
NORTHERN IRELAND (NUTS level 1)	Mycobacterium bovis	23,023	1,720,278	0	0	651	130,457	1,417	192,015	19,526	1,289,735

Table Tuberculosis in farmed deer

Region	Zoonotic agent	Number of infected herds	Total number of herds
Northern Ireland (NUTS level 2)	Mycobacterium bovis	1	9

PREVALENCE TABLES

Table Brucella:BRUCELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Alpacas - farmed - Artificial insemination station - Not Available - animal sample - blood - Surveillance - Industry sampling - Objective sampling	N_A	Unspecified	animal	23	0	Brucella	0
	Alpacas - farmed - Farm - Not Available - animal sample - blood - Surveillance - Industry sampling - Objective sampling	N_A	Unspecified	animal	406	0	Brucella	0
	Alpacas - farmed - Farm - United Kingdom - animal sample - blood - Monitoring - Industry sampling - Objective sampling	N_A	Rose Bengal plate test (RBT)/Buffered Brucella antigen test (BBAT)	animal	26	0	Brucella	0
	Camels - Farm - Not Available - animal sample - blood - Surveillance - Industry sampling - Objective sampling	N_A	Unspecified	animal	1	0	Brucella	0
	Deer - Farm - Not Available - animal sample - blood - Clinical investigations - Industry sampling - Suspect sampling	N_A	Unspecified	animal	14	0	Brucella	0
	Deer - Farm - Not Available - animal sample - blood - Surveillance - Industry sampling - Objective sampling	N_A	Unspecified	animal	9	0	Brucella	0
	Goats - Farm - Not Available - animal sample - blood - Clinical investigations - Industry sampling - Suspect sampling	N_A	Unspecified	animal	26	0	Brucella	0
	Goats - Farm - Not Available - animal sample - blood - Surveillance - Industry sampling - Objective sampling	N_A	Unspecified	animal	3	0	Brucella	0
	Pigs - Artificial insemination station - Not Available - animal sample - blood - Surveillance - Industry sampling - Objective sampling	N_A	Unspecified	animal	4246	0	Brucella	0
	Pigs - breeding animals - Artificial insemination station - United Kingdom - animal sample - blood - Monitoring - Industry sampling - Objective sampling	N_A	Rose Bengal plate test (RBT)/Buffered Brucella antigen test (BBAT)	animal	513	0	Brucella	0
	Pigs - Farm - Not Available - animal sample - blood - Clinical investigations - Industry sampling - Suspect sampling	N_A	Unspecified	animal	198	0	Brucella	0
	Pigs - Farm - Not Available - animal sample - blood - Surveillance - Industry sampling - Objective sampling	N_A	Unspecified	animal	1556	0	Brucella	0
	Sheep - Artificial insemination station - Not Available - animal sample - blood - Surveillance - Industry sampling - Objective sampling	N_A	Unspecified	animal	11	0	Brucella	0
	Sheep - Farm - Not Available - animal sample - blood - Clinical investigations - Industry sampling - Suspect sampling	N_A	Unspecified	animal	761	0	Brucella	0
	Sheep - Farm - Not Available - animal sample - blood - Surveillance - Industry sampling - Objective sampling	N_A	Unspecified	animal	144	0	Brucella	0
	Sheep and goats - Farm - Not Available - animal sample - blood - Monitoring - EFSA specifications - Official sampling - Objective sampling	N_A	Unspecified	animal	13542	0	Brucella	0
				herd/flock	802	0	Brucella	0
	Vicugna - Zoo - United Kingdom - animal sample - blood - Monitoring - Industry sampling - Objective sampling	Vicuna (camelid) from Belfast Zoo	Rose Bengal plate test (RBT)/Buffered Brucella antigen test (BBAT)	animal	1	0	Brucella	0

Table Campylobacter:CAMPYLOBACTER in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Antelopes - Unspecified - Not Available - animal sample - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	1	1	Campylobacter jejuni	1
	Cats - Unspecified - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	93	7	Campylobacter jejuni	1
							Campylobacter upsaliensis	6
	Cattle (bovine animals) - Artificial insemination station - Not Available - animal sample - Surveillance - Industry sampling - Objective sampling	N_A	Microbiological tests	animal	4	4	Campylobacter fetus subsp. fetus	1
							Campylobacter jejuni	1
							Campylobacter sputorum	2
	Cattle (bovine animals) - Farm - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	250	2	Campylobacter jejuni	2
	Cattle (bovine animals) - Farm - Not Available - animal sample - foetus/stillbirth - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	6	6	Campylobacter fetus subsp. fetus	2
							Campylobacter hyointestinalis	1
							Campylobacter jejuni	1
							Campylobacter mucosalis	2
					250	1	Campylobacter fetus subsp. fetus	1
	Cattle (bovine animals) - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	250	5	Campylobacter	3
							Campylobacter jejuni	2
	Dogs - Unspecified - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	660	191	Campylobacter coli	4
							Campylobacter jejuni	55
							Campylobacter lari	6
							Campylobacter upsaliensis	123
							Campylobacter, unspecified sp.	3
	Ducks - Unspecified - Not Available - animal sample - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	1	1	Campylobacter jejuni	1
	Gallus gallus (fowl) - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	10	3	Campylobacter jejuni	3
	Sheep - Farm - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	320	9	Campylobacter jejuni	9
	Sheep - Farm - Not Available - animal sample - foetus/stillbirth - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	69	69	Campylobacter coli	3
							Campylobacter fetus	6
							Campylobacter fetus subsp. fetus	47
							Campylobacter jejuni	13
					320	8	Campylobacter fetus subsp. fetus	3
							Campylobacter jejuni	4
							Campylobacter lari	1
	Sheep - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	320	9	Campylobacter	3
							Campylobacter coli	1
							Campylobacter jejuni	3
							Campylobacter lari	2
	Squirrels - Unspecified - Not Available - animal sample - Surveillance - Industry sampling - Objective sampling	N_A	Microbiological tests	animal	1	1	Campylobacter coli	1
	Zoo animals, all - Unspecified - Not Available - animal sample - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	2	1	Campylobacter fetus subsp. fetus	1
							Campylobacter jejuni	1
	Zoo animals, all - Zoo - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	1	1	Campylobacter, unspecified sp.	1

Table Campylobacter:CAMPYLOBACTER in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from broilers (Gallus gallus) - carcase - chilled - Retail - United Kingdom - food sample - neck skin - Survey - national survey - Official sampling - Objective sampling	single (food/feed)	10	Gram	Survey of whole chicken carcass at retail - neck skin samples used but unit of interest is chicken carcass. Survey covered smaller retail store sector	ISO 10272-1:2006 Campylobacter	597	361	Campylobacter coli	68
									Campylobacter jejuni	269
									Campylobacter, unspecified sp.	24

Table COXIELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sampling Details	Method	Total units tested	Total units positive	N of clinical affected herds	Zoonoses	N of units positive
Not Available	Cattle (bovine animals) - Farm - Not Available - animal sample - organ/tissue - Monitoring - Industry sampling - Suspect sampling	animal	N_A	PCR	1	1		Coxiella burnetii	1
		herd/flock	N_A	PCR	1	1	1	Coxiella burnetii	1
	Goats - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	animal	N_A	Histology	3	1		Coxiella burnetii	1
	Goats - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	animal	N_A	PCR	3	3		Coxiella burnetii	3
		herd/flock	N_A	PCR	2	2	2	Coxiella burnetii	2

Table Echinococcus:ECHINOCOCCUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Foxes - Natural habitat - Not Available - animal sample - Surveillance - Industry sampling - Selective sampling	N_A	Morphological identification	animal	276	0	Echinococcus	0
	Foxes - Natural habitat - Not Available - Not Available - Survey - national survey - Official sampling - Selective sampling	N_A	Not Available	animal	489	0	Echinococcus	0
UNITED KINGDOM	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	429	0	Echinococcus multilocularis	0
	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	140	0	Echinococcus multilocularis	0
	Foxes - wild - red fox - Road transport - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	24	0	Echinococcus multilocularis	0
Durham CC	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	6	0	Echinococcus multilocularis	0
Northumberland (NUTS level 3)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
West Cumbria	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
East Cumbria	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	21	0	Echinococcus multilocularis	0
East Riding of Yorkshire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	3	0	Echinococcus multilocularis	0
North and North East Lincolnshire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
York (NUTS level 3)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
North Yorkshire CC	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	73	0	Echinococcus multilocularis	0
Barnsley, Doncaster and Rotherham	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
Leeds	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	3	0	Echinococcus multilocularis	0
Derby	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
East Derbyshire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
Nottingham	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	3	0	Echinococcus multilocularis	0
Lincolnshire (NUTS level 3)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	19	0	Echinococcus multilocularis	0
Worcestershire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	11	0	Echinococcus multilocularis	0
Warwickshire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	12	0	Echinococcus multilocularis	0
Shropshire CC	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	8	0	Echinococcus multilocularis	0
Staffordshire CC	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	6	0	Echinococcus multilocularis	0
Suffolk (NUTS level 3)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
Berkshire (NUTS level 3)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	4	0	Echinococcus multilocularis	0
Milton Keynes	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
Oxfordshire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	3	0	Echinococcus multilocularis	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
East Sussex CC	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	12	0	Echinococcus multilocularis	0
Gloucestershire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	55	0	Echinococcus multilocularis	0
Swindon	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
Wiltshire CC	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	8	0	Echinococcus multilocularis	0
Dorset CC	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
Somerset (NUTS level 3)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	10	0	Echinococcus multilocularis	0
Cornwall and Isles of Scilly (NUTS level 3)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	4	0	Echinococcus multilocularis	0
Devon CC	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	12	0	Echinococcus multilocularis	0
Gwynedd	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
Conwy and Denbighshire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
South West Wales	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	6	0	Echinococcus multilocularis	0
Swansea	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
Powys	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
Aberdeen City and Aberdeenshire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
Caithness and Sutherland and Ross and Cromarty	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
Inverness and Nairn and Moray, Badenoch and Strathspey	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	12	0	Echinococcus multilocularis	0
Lochaber, Skye and Lochalsh, Arran and Cumbrae and Argyll and Bute	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	12	0	Echinococcus multilocularis	0
Cheshire East	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	5	0	Echinococcus multilocularis	0
Cheshire West and Chester	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	4	0	Echinococcus multilocularis	0
East Merseyside (NUTS 2010-2013)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	6	0	Echinococcus multilocularis	0
Liverpool (NUTS 2010-2013)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
North Northamptonshire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
Manchester (NUTS level 3)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
Greater Manchester South West	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	3	0	Echinococcus multilocularis	0
Greater Manchester North West	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	6	0	Echinococcus multilocularis	0
Mid Lancashire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	4	0	Echinococcus multilocularis	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Chorley and West Lancashire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
North and West Norfolk	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
West Essex	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	11	0	Echinococcus multilocularis	0
Heart of Essex	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	9	0	Echinococcus multilocularis	0
Essex Thames Gateway	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
Camden and City of London	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	12	0	Echinococcus multilocularis	0
East Surrey	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
West Sussex (South West)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
West Sussex (North East)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
South Hampshire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
North Hampshire	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	2	0	Echinococcus multilocularis	0
East Kent	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
West Kent	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
Clackmannanshire and Fife (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	1	0	Echinococcus multilocularis	0
Perth & Kinross and Stirling (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	6	0	Echinococcus multilocularis	0
North Lanarkshire (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	7	0	Echinococcus multilocularis	0
Scottish Borders (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	4	0	Echinococcus multilocularis	0
South Lanarkshire (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		PCR Cest1-Cest2 NAD1	animal	5	0	Echinococcus multilocularis	0
Belfast (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	4	0	Echinococcus multilocularis	0
	Foxes - wild - red fox - Road transport - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	3	0	Echinococcus multilocularis	0
Newry, Mourne and Down (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	2	0	Echinococcus multilocularis	0
Ards and North Down (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	46	0	Echinococcus multilocularis	0
	Foxes - wild - red fox - Road transport - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	5	0	Echinococcus multilocularis	0
Derry City and Strabane (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	34	0	Echinococcus multilocularis	0
	Foxes - wild - red fox - Road transport - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	3	0	Echinococcus multilocularis	0
Antrim and Newtownabbey (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	10	0	Echinococcus multilocularis	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Antrim and Newtownabbey (NUTS 2016)	Foxes - wild - red fox - Road transport - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	2	0	Echinococcus multilocularis	0
Lisburn and Castlereagh (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	18	0	Echinococcus multilocularis	0
	Foxes - wild - red fox - Road transport - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	6	0	Echinococcus multilocularis	0
Mid and East Antrim (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	3	0	Echinococcus multilocularis	0
	Foxes - wild - red fox - Road transport - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	1	0	Echinococcus multilocularis	0
Fermanagh and Omagh (NUTS 2016)	Foxes - wild - red fox - Hunting - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	23	0	Echinococcus multilocularis	0
	Foxes - wild - red fox - Road transport - Not Available - animal sample - faeces - Surveillance - Official sampling - Objective sampling		Sedimentation and Counting Technique	animal	4	0	Echinococcus multilocularis	0

Table Escherichia coli:ESCHERICHIA COLI in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Sheep - Farm - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	OIE method for E.coli O157 in animal faecal samples	animal	11	0	Shiga toxin-producing Escherichia coli (STEC)	0

Table FLAVIVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Vaccination status	Sampling Details	Method	Total units tested	Total units positive	Zoonoses		N of units positive
Not Available	Birds - wild - Natural habitat - United Kingdom - animal sample - Surveillance - Official sampling - Convenient sampling	animal	Not Available	No WNV RNA detected in testing of 369 wild birds	Reverse-transcription PCR (RT-PCR)	369	0		Flavivirus	0
				USUTU RNA detected in six samples (5 blackbirds, 1 sparrow) of 94 tested specifically for Usutu	Reverse-transcription PCR (RT-PCR)	94	6		Usutu virus	6
	Solipeds, domestic - horses - Farm - United Kingdom - animal sample - blood - Clinical investigations - Official sampling - Suspect sampling	animal	Not Available	N_A	ELISA, Competitive ELISA (C-ELISA)	1	0		Flavivirus	0
	Solipeds, domestic - horses - Farm - United Kingdom - animal sample - blood - Monitoring - Industry sampling - Selective sampling	animal	Not Available	N_A	ELISA, Competitive ELISA (C-ELISA)	4	0		Flavivirus	0

Table Listeria:LISTERIA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	All animals - Unspecified - Not Available - unknown - Surveillance - Industry sampling - Suspect sampling	N_A	Unspecified	animal	6	6	Listeria spp., unspecified	6
	Birds - Unspecified - Not Available - unknown - Surveillance - Industry sampling - Suspect sampling	N_A	Unspecified	animal	1	1	Listeria spp., unspecified	1
	Cattle (bovine animals) - Farm - Not Available - animal sample - brain - Surveillance - Industry sampling - Suspect sampling	N_A	Histology	animal	1	1	Listeria spp., unspecified	1
	Cattle (bovine animals) - Farm - Not Available - animal sample - foetus/stillbirth - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	250	3	Listeria monocytogenes	3
	Cattle (bovine animals) - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	3	3	Listeria monocytogenes	3
					12	12	Listeria monocytogenes	12
	Cattle (bovine animals) - Farm - Not Available - unknown - Surveillance - Industry sampling - Suspect sampling	N_A	Unspecified	animal	8	8	Listeria spp., unspecified	8
	Goats - Farm - Not Available - animal sample - brain - Surveillance - Industry sampling - Suspect sampling	N_A	Histology	animal	2	2	Listeria spp., unspecified	2
	Goats - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	3	3	Listeria monocytogenes	3
					5	1	Listeria monocytogenes	1
	Pheasants - Unspecified - Not Available - unknown - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	1	1	Listeria monocytogenes	1
	Pigs - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	25	1	Listeria ivanovii	1
	Sheep - Farm - Not Available - animal sample - brain - Surveillance - Industry sampling - Suspect sampling	N_A	Histology	animal	9	9	Listeria spp., unspecified	9
	Sheep - Farm - Not Available - animal sample - foetus/stillbirth - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	320	2	Listeria monocytogenes	2
	Sheep - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	3	3	Listeria ivanovii	1
							Listeria monocytogenes	2
					25	25	Listeria innocua	1
							Listeria ivanovii	3
							Listeria monocytogenes	21
					320	14	Listeria ivanovii	2
							Listeria monocytogenes	10
							Listeria spp., unspecified	2
	Sheep - Farm - Not Available - unknown - Surveillance - Industry sampling - Suspect sampling	N_A	Unspecified	animal	39	39	Listeria spp., unspecified	39

Table Lyssavirus:LYSSAVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Bats - wild - Natural habitat - United Kingdom - animal sample - brain - Surveillance - Official sampling - Selective sampling	N_A	Not Available	animal	314	3	European bat lyssavirus 1	2
							European bat lyssavirus 2	0
							Lyssavirus (unspecified virus)	1
	Bats - zoo animal - Zoo - United Kingdom - animal sample - brain - Surveillance - Official sampling - Selective sampling	N_A	Not Available	animal	33	0	Lyssavirus	0
	Cats - pet animals - Official kennel - United Kingdom - animal sample - brain - Clinical investigations - Official sampling - Suspect sampling	N_A	Not Available	animal	4	0	Lyssavirus	0
	Dogs - pet animals - Official kennel - United Kingdom - animal sample - brain - Clinical investigations - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Dogs - pet animals - Veterinary clinics - United Kingdom - animal sample - brain - Clinical investigations - Official sampling - Suspect sampling	N_A	Not Available	animal	3	0	Lyssavirus	0
	Guinea pigs - pet animals - Official kennel - United Kingdom - animal sample - brain - Clinical investigations - Official sampling - Suspect sampling	N_A	Not Available	animal	2	0	Lyssavirus	0
	Monkeys - Official kennel - United Kingdom - animal sample - brain - Clinical investigations - Official sampling - Suspect sampling	N_A	Not Available	animal	1	0	Lyssavirus	0

Table Mycobacterium:MYCOBACTERIUM in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Alpacas - farmed - Farm - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Not Available	animal	5	1	Mycobacterium	1
	Alpacas - Unspecified - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	43	15	Mycobacterium avium	1
							Mycobacterium bovis	10
							Mycobacterium microti	3
							Mycobacterium sinense	1
	Cats - Unspecified - Not Available - animal sample - Unspecified - Not applicable - Not specified	N_A	Not Available	animal	1	1	Mycobacterium	1
	Cats - Veterinary clinics - Not Available - animal sample - Clinical investigations - Private sampling - Suspect sampling	N_A	Unspecified	animal	10	8	Mycobacterium avium complex	1
							Mycobacterium bovis	6
							Mycobacterium microti	1
	Deer - farmed - fallow deer - Unspecified - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	2	2	Mycobacterium bovis	2
	Deer - Unspecified - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	26	14	Mycobacterium bovis	14
	Deer - wild - fallow deer - Unspecified - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	7	4	Mycobacterium bovis	4
	Deer - wild - red deer - Unspecified - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	2	2	Mycobacterium bovis	2
	Deer - wild - roe deer - Unspecified - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	1	1	Mycobacterium avium complex	1
	Deer - wild - Unspecified - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	1	1	Mycobacterium bovis	1
	Dogs - Veterinary clinics - Not Available - animal sample - Clinical investigations - Private sampling - Suspect sampling	N_A	Unspecified	animal	1	0	Mycobacterium	0
	Goats - Slaughterhouse - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	9	4	Mycobacterium bovis	4
	Llamas - Unspecified - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	7	4	Mycobacterium avium	1
							Mycobacterium avium complex	1
							Mycobacterium sinense	2
	Otter - Unspecified - Not Available - animal sample - Unspecified - Not applicable - Not specified	N_A	Not Available	animal	1	0	Mycobacterium	0
	Pigs - Slaughterhouse - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	117	22	Mycobacterium avium	7
							Mycobacterium avium complex	4
							Mycobacterium bovis	6
							Mycobacterium microti	2
							Mycobacterium sinense	1
							Mycobacterium spp., unspecified	2
	Sheep - Slaughterhouse - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	9	5	Mycobacterium bovis	5
	Wild boars - farmed - Unspecified - Not Available - animal sample - Monitoring - active - Official sampling - Objective sampling	N_A	Unspecified	animal	1	0	Mycobacterium	0
	Zoo animals, all - Unspecified - Not Available - animal sample - Clinical investigations - Private sampling - Suspect sampling	N_A	Unspecified	animal	1	1	Mycobacterium bovis	1

Table Salmonella:SALMONELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Birds - Unspecified - Not Available - animal sample - faeces - Surveillance - Industry sampling - Convenient sampling	animal		N_A	N_A	Not Available	1	1	Salmonella spp., unspecified	1
	Birds - wild - Unspecified - Not Available - animal sample - faeces - Surveillance - Industry sampling - Convenient sampling	animal		N_A	N_A	Not Available	1	1	Salmonella spp., unspecified	1
	Cattle (bovine animals) - adult cattle over 2 years - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	1	1	Salmonella spp., unspecified	1
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - faeces - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	1	1	Salmonella spp., unspecified	1
	Cattle (bovine animals) - calves (under 1 year) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	1	1	Salmonella Dublin	1
	Cattle (bovine animals) - Farm - Not Available - animal sample - faeces - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	14	14	Salmonella Dublin	12
									Salmonella Mbandaka	1
									Salmonella Typhimurium, monophasic	1
	Cattle (bovine animals) - Farm - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	23	23	Salmonella Dublin	23
	Cattle (bovine animals) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	4	4	Salmonella Dublin	4
	Cattle (bovine animals) - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	390	390	Salmonella 4,12:i:-	1
									Salmonella 4,5,12:i:-	16
									Salmonella 6,7:-:e,n,z15	3
									Salmonella 61:-:1,5	3
									Salmonella 9,12:-:-	4
									Salmonella Agama	1
									Salmonella Anatum	2
									Salmonella Bovismorbificans	1
									Salmonella Bredeney	2
									Salmonella Chester	1
									Salmonella Derby	1
									Salmonella Dublin	225
									Salmonella Eboko	1
									Salmonella enterica subsp. enterica rough	1
									Salmonella Enteritidis	2
									Salmonella Glostrup	1
									Salmonella IIIb 61:-:1,5,7	1
									Salmonella IIIb 61:k:1,5,(7)	1
									Salmonella Indiana	1
									Salmonella Java	2
									Salmonella Kottbus	2
									Salmonella London	1
									Salmonella Mbandaka	63
									Salmonella Montevideo	5
									Salmonella Newport	2
									Salmonella Oslo	1
									Salmonella Saintpaul	1
									Salmonella Typhimurium	45
	Dogs - Unspecified - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	653	13	Salmonella spp., unspecified	13
	Ducks - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	206	206	Salmonella 6,8:e,h:-	9
									Salmonella 6,8:z10:-	2
									Salmonella Bovismorbificans	16

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Ducks - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	206	206	Salmonella enterica subsp. enterica rough	2
									Salmonella Enterica, unspecified	7
									Salmonella Enteritidis	1
									Salmonella Give	38
									Salmonella Hadar	21
									Salmonella Indiana	60
									Salmonella Kottbus	6
									Salmonella Lexington	7
									Salmonella Monschaui	2
									Salmonella Newport	2
									Salmonella Orion	28
									Salmonella Oslo	3
									Salmonella Typhimurium	2
	Gallus gallus (fowl) - breeding flocks for broiler production line - adult - Farm - Not Available - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	279	Y	N_A	Not Available	279	0	Salmonella	0
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - United Kingdom - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	1213	Y	N_A	Not Available	1213	7	Salmonella 13,23:i:-	2
									Salmonella 6,8:e,h:-	1
									Salmonella Bardo	1
									Salmonella Kedougou	2
									Salmonella Mbandaka	1
									Salmonella Newport	1
									Salmonella Typhimurium	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock	6989	N	N_A	Not Available	6936	16	Salmonella Dublin	1
									Salmonella Infantis	2
									Salmonella Mbandaka	3
									Salmonella Muenster	7
									Salmonella Shanghai	1
									Salmonella Typhimurium	1
									Salmonella Typhimurium, monophasic	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	6989	Y	N_A	Not Available	6989	16	Salmonella Dublin	1
									Salmonella Infantis	2
									Salmonella Mbandaka	3
									Salmonella Muenster	7
									Salmonella Shanghai	1
									Salmonella Typhimurium	1
									Salmonella Typhimurium, monophasic	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	6989	N	N_A	Not Available	53	0	Salmonella	0
	Gallus gallus (fowl) - broilers - before slaughter - Farm - United Kingdom - Not Available - Control and eradication programmes - Industry sampling - Census	herd/flock	49642	N	N_A	Not Available	49535	1672	Salmonella 1,4,12:d:-	5
									Salmonella 13,22:-:1,6	1
									Salmonella 13,23:-:-	1
									Salmonella 13,23:i:-	595
									Salmonella 4,12:e,h:-	6
									Salmonella 4,12:i:-	1
									Salmonella 6,7:-:e,n,z15	2
									Salmonella 6,7:z10:-	21
									Salmonella Agama	2
									Salmonella Agona	67
									Salmonella Anatum	5
									Salmonella Bovismorbificans	14
									Salmonella Braenderup	1
									Salmonella Coeln	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Gallus gallus (fowl) - broilers - before slaughter - Farm - United Kingdom - Not Available - Control and eradication programmes - Industry sampling - Census	herd/flock	49642	N	N_A	Not Available	49535	1672	Salmonella Derby	3
									Salmonella Enteritidis	1
									Salmonella Give	6
									Salmonella Havana	1
									Salmonella Idikan	4
									Salmonella Indiana	2
									Salmonella Kedougou	336
									Salmonella Kingston	1
									Salmonella Kottbus	1
									Salmonella Livingstone	7
									Salmonella Mbandaka	230
									Salmonella Mikawasima	1
									Salmonella Montevideo	245
									Salmonella Muenchen	6
									Salmonella Newport	10
									Salmonella Ohio	33
									Salmonella Orion	28
									Salmonella Oslo	1
									Salmonella Poona	1
									Salmonella Senftenberg	53
									Salmonella spp., unspecified	2
									Salmonella Stourbridge	1
									Salmonella Typhimurium	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - United Kingdom - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	49642	Y	N_A	Not Available	49642	1678	Salmonella 1,4,12:d:-	5
									Salmonella 13,22:-:1,6	1
									Salmonella 13,23:-:-	1
									Salmonella 13,23:i:-	597
									Salmonella 4,12:e,h:-	6
									Salmonella 4,12:i:-	1
									Salmonella 6,7:-:e,n,z15	2
									Salmonella 6,7:z10:-	21
									Salmonella Agama	2
									Salmonella Agona	67
									Salmonella Anatum	5
									Salmonella Bovismorbificans	14
									Salmonella Braenderup	1
									Salmonella Coeln	1
									Salmonella Derby	3
									Salmonella Enteritidis	1
									Salmonella Give	6
									Salmonella Havana	1
									Salmonella Idikan	4
									Salmonella Indiana	2
									Salmonella Kedougou	339
									Salmonella Kingston	1
									Salmonella Kottbus	1
									Salmonella Livingstone	7
									Salmonella Mbandaka	231
									Salmonella Mikawasima	1
									Salmonella Montevideo	245
									Salmonella Muenchen	6
									Salmonella Newport	10
									Salmonella Ohio	33
									Salmonella Orion	28

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Gallus gallus (fowl) - broilers - before slaughter - Farm - United Kingdom - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	49642	Y	N_A	Not Available	49642	1678	Salmonella Oslo	1
									Salmonella Poona	1
									Salmonella Senftenberg	53
									Salmonella spp., unspecified	2
									Salmonella Stourbridge	1
									Salmonella Typhimurium	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - United Kingdom - Not Available - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	49642	N	N_A	Not Available	107	7	Salmonella 13,23:i:-	2
									Salmonella Kedougou	4
									Salmonella Mbandaka	1
	Gallus gallus (fowl) - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	2215	2215	Salmonella 13,22:-:1,6	1
									Salmonella 13,23:-:-	2
									Salmonella 13,23:i:-	716
									Salmonella 4,12:e,h:-	6
									Salmonella 4,12:i:-	9
									Salmonella 4,5,12:i:-	4
									Salmonella 6,7:-:e,n,z15	2
									Salmonella 6,7:z10:-	18
									Salmonella 6,8:e,h:-	1
									Salmonella 9,12:lv:-	1
									Salmonella Agama	3
									Salmonella Agona	101
									Salmonella Anatum	8
									Salmonella Bardo	13
									Salmonella Bovismorbificans	21
									Salmonella Bredeney	1
									Salmonella Coeln	3
									Salmonella Derby	3
									Salmonella enterica subsp. enterica rough	26
									Salmonella Enterica, unspecified	1
									Salmonella Enteritidis	31
									Salmonella Give	6
									Salmonella Havana	1
									Salmonella I 4,12:d:-	5
									Salmonella Idikan	8
									Salmonella Indiana	3
									Salmonella Infantis	1
									Salmonella Kedougou	430
									Salmonella Kentucky	1
									Salmonella Kingston	2
									Salmonella Kottbus	5
									Salmonella Liverpool	2
									Salmonella Livingstone	11
									Salmonella Mbandaka	261
									Salmonella Mikawasima	1
									Salmonella Montevideo	262
									Salmonella Muenchen	8
									Salmonella Newport	52
									Salmonella Ohio	31
									Salmonella Orion	30
									Salmonella Oslo	2
									Salmonella Poona	1
									Salmonella Ramatgan	1
									Salmonella Reading	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Gallus gallus (fowl) - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	2215	2215	Salmonella Schwarzengrund	1
									Salmonella Senftenberg	96
									Salmonella Stanleyville	1
									Salmonella Stourbridge	1
									Salmonella Tennessee	1
									Salmonella Typhimurium	19
	Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	619	Y	N_A	Not Available	619	11	Salmonella Agona	1
									Salmonella Cerro	1
									Salmonella Enteritidis	3
									Salmonella Oslo	2
									Salmonella spp., unspecified	1
									Salmonella Typhimurium	1
									Salmonella Uganda	1
									Salmonella Umbilo	1
	Gallus gallus (fowl) - laying hens - adult - Farm - United Kingdom - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	3959	Y	N_A	Not Available	3959	42	Salmonella 13,23:i:-	1
									Salmonella Agama	2
									Salmonella Agona	6
									Salmonella Anatum	1
									Salmonella Bovismorbificans	2
									Salmonella Bredeney	1
									Salmonella Coeln	1
									Salmonella Derby	1
									Salmonella Enteritidis	11
									Salmonella Idikan	1
									Salmonella Kedougou	1
									Salmonella Kingston	1
									Salmonella Kottbus	1
									Salmonella Liverpool	1
									Salmonella Livingstone	2
									Salmonella Montevideo	1
									Salmonella Newport	2
									Salmonella Oslo	1
									Salmonella Ramatgan	1
									Salmonella Reading	1
									Salmonella Schwarzengrund	1
									Salmonella Stanleyville	1
									Salmonella Typhimurium	4
	Gallus gallus (fowl) - laying hens - during rearing period - flocks under control programme - Farm - Not Available - environmental sample - delivery box liner - Control and eradication programmes - Official and industry sampling - Census	herd/flock	160	N	N_A	Not Available	160	3	Salmonella Bardo	1
									Salmonella Newport	2
	Gallus gallus (fowl) - laying hens - during rearing period - flocks under control programme - Farm - Not Available - environmental sample - dust - Clinical investigations - Industry sampling - Suspect sampling	herd/flock		N_A	N_A	Not Available	2	2	Salmonella Bardo	2
	Gallus gallus (fowl) - parent breeding flocks for egg production line - adult - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	1	Y	N_A	Not Available	1	0	Salmonella	0
	Geese - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	2	2	Salmonella Beaudesert	1
									Salmonella Typhimurium	1
	Partridges - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	5	5	Salmonella 4,5,12:i:-	3
									Salmonella Senftenberg	2
	Pheasants - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	6	6	Salmonella Montevideo	1
									Salmonella Orion	1
									Salmonella Senftenberg	3
									Salmonella Typhimurium	1
	Pigeons - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	17	17	Salmonella 4,12:-:-	1
									Salmonella Enterica, unspecified	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Pigeons - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	17	17	Salmonella Kedougou	1
									Salmonella Orion	1
									Salmonella Typhimurium	13
	Pigs - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	189	189	Salmonella 4,12:i:-	29
									Salmonella 4,5,12:-:-	1
									Salmonella 4,5,12:i:-	36
									Salmonella 6,8:e,h:-	1
									Salmonella Bardo	1
									Salmonella Bovismorbificans	5
									Salmonella Derby	12
									Salmonella enterica subsp. enterica rough	3
									Salmonella Indiana	1
									Salmonella Kedougou	1
									Salmonella London	5
									Salmonella Newport	7
									Salmonella Panama	2
									Salmonella Reading	2
									Salmonella Typhimurium	83
	Pigs - unspecified - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	4	4	Salmonella Typhimurium	2
									Salmonella Typhimurium, monophasic	2
	Rats - wild - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	1	1	Salmonella Enteritidis	1
	Sheep - animals over 1 year - Farm - Not Available - animal sample - faeces - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	1	1	Salmonella enterica, subspecies diarizonae	1
	Sheep - animals over 1 year - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	1	1	Salmonella Dublin	1
	Sheep - animals under 1 year (lambs) - Farm - Not Available - animal sample - organ/tissue - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	1	1	Salmonella Agama	1
	Sheep - Farm - Not Available - animal sample - faeces - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	1	1	Salmonella enterica, subspecies diarizonae	1
	Sheep - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	77	77	Salmonella 1,9,12:-:-	4
									Salmonella 6,7:-:e,n,z15	3
									Salmonella 61:-:1,5	15
									Salmonella Agama	1
									Salmonella Berta	1
									Salmonella Dublin	10
									Salmonella IIIb 61:-:1,5,7	16
									Salmonella IIIb 61:k:1,5,(7)	10
									Salmonella IIIb 61:k:1,5,7	4
									Salmonella Montevideo	3
									Salmonella Newport	1
									Salmonella Ohio	1
									Salmonella Typhimurium	8
	Solipeds, domestic - horses - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	41	41	Salmonella 4,5,12:i:-	3
									Salmonella Agama	4
									Salmonella Anatum	2
									Salmonella Enteritidis	1
									Salmonella Java	1
									Salmonella Javiana	1
									Salmonella Kingston	3
									Salmonella Kottbus	1
									Salmonella Mokola	1
									Salmonella Newport	7

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Solipeds, domestic - horses - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	41	41	Salmonella Oslo	1
									Salmonella Typhimurium	16
	Swans - zoo animals - Zoo - Not Available - animal sample - cloacal swab - Clinical investigations - Industry sampling - Suspect sampling	animal		N_A	N_A	Not Available	1	1	Salmonella Typhimurium	1
	Turkeys - breeding flocks, unspecified - adult - Farm - United Kingdom - Not Available - Control and eradication programmes - Industry sampling - Census	herd/flock		N	N_A	Not Available	267	4	Salmonella 13,23:i:-	2
									Salmonella Agama	1
									Salmonella Derby	1
	Turkeys - breeding flocks, unspecified - adult - Farm - United Kingdom - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	267	Y	N_A	Not Available	267	7	Salmonella 13,23:i:-	2
									Salmonella Agama	1
									Salmonella Derby	1
									Salmonella Senftenberg	3
	Turkeys - breeding flocks, unspecified - adult - Hatchery - United Kingdom - Not Available - Control and eradication programmes - Official sampling - Census	herd/flock		N	N_A	Not Available	187	3	Salmonella Senftenberg	3
	Turkeys - Farm - United Kingdom - Not Available - Surveillance - Not applicable - Not specified	herd/flock		N	N_A	Not Available	195	195	Salmonella 13,23:i:-	14
									Salmonella 4,12:-:1,2	1
									Salmonella 6,8:e,h:-	2
									Salmonella Agama	1
									Salmonella Agona	1
									Salmonella Anatum	42
									Salmonella Derby	22
									Salmonella enterica subsp. enterica rough	5
									Salmonella Enterica, unspecified	12
									Salmonella Idikan	1
									Salmonella Kedougou	68
									Salmonella Kingston	1
									Salmonella Livingstone	2
									Salmonella Mbandaka	2
									Salmonella Newport	2
									Salmonella Orion	2
									Salmonella Senftenberg	15
									Salmonella Typhimurium	2
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Industry sampling - Census	herd/flock	97	N	N_A	Not Available	93	0	Salmonella	0
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official and industry sampling - Census	herd/flock	97	Y	N_A	Not Available	97	1	Salmonella Senftenberg	1
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - environmental sample - boot swabs - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	97	N	N_A	Not Available	4	1	Salmonella Senftenberg	1
	Turkeys - fattening flocks - before slaughter - Farm - United Kingdom - Not Available - Control and eradication programmes - Industry sampling - Census	herd/flock	2457	N	N_A	Not Available	2425	116	Salmonella 13,23:i:-	4
									Salmonella 6,8:e,h:-	1
									Salmonella Agona	2
									Salmonella Anatum	37
									Salmonella Derby	19
									Salmonella Kedougou	33
									Salmonella Kingston	1
									Salmonella Mbandaka	1
									Salmonella Newport	1
									Salmonella Orion	1
									Salmonella Senftenberg	6
									Salmonella spp., unspecified	15
	Turkeys - fattening flocks - before slaughter - Farm - United Kingdom - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	2457	Y	N_A	Not Available	2457	117	Salmonella 13,23:i:-	4
									Salmonella 6,8:e,h:-	1
									Salmonella Agona	2
									Salmonella Anatum	38
									Salmonella Derby	19

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Turkeys - fattening flocks - before slaughter - Farm - United Kingdom - Not Available - Control and eradication programmes - Official and industry sampling - Census	herd/flock	2457	Y	N_A	Not Available	2457	117	Salmonella Kedougou	33
									Salmonella Kingston	1
									Salmonella Mbandaka	1
									Salmonella Newport	1
									Salmonella Orion	1
									Salmonella Senftenberg	6
									Salmonella spp., unspecified	15
	Turkeys - fattening flocks - before slaughter - Farm - United Kingdom - Not Available - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	2457	N	N_A	Not Available	32	1	Salmonella Anatum	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - carcase - Slaughterhouse - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	4	4	Salmonella Newport	4
	Meat from bovine animals - fresh - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	2	Salmonella Brandenburg	2
	Meat from bovine animals - fresh - Slaughterhouse - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	4	4	Salmonella Dublin	4
	Meat from bovine animals - minced meat - Cutting plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	5	5	Salmonella Dublin	4
									Salmonella Newport	1
	Meat from bovine animals - minced meat - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Infantis	1
	Meat from bovine animals - offal - liver - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Typhimurium, monophasic	1
	Meat from bovine animals - offal - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Typhimurium	1
	Meat from broilers (Gallus gallus) - carcase - Slaughterhouse - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	3	Salmonella Infantis	1
									Salmonella Mbandaka	1
									Salmonella Senftenberg	1
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	27	27	Salmonella Brandenburg	1
									Salmonella Enteritidis	2
									Salmonella Infantis	16
									Salmonella Java	6
									Salmonella Nottingham	1
									Salmonella Wien	1
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	6	Salmonella Infantis	5
									Salmonella Newport	1
	Meat from broilers (Gallus gallus) - meat products - non-ready-to-eat - Retail - Not Available - food sample - Survey - Official sampling - Objective sampling	single (food/feed)	25	Gram	N_A	ISO 6579-1:2017 Salmonella	483	48	Salmonella Enteritidis	17
									Salmonella spp., unspecified	31
	Meat from broilers (Gallus gallus) - offal - liver - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Typhimurium, monophasic	1
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Unspecified - Industry sampling - Not specified	single (food/feed)	400	Square centimetre	Data from FSA and FSS	Not Available	2806	48	Salmonella spp., unspecified	48
	Meat from pig - carcase - Slaughterhouse - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	400	Square centimetre	N_A	Not Available	3	3	Salmonella Derby	1
									Salmonella Infantis	1
									Salmonella Typhimurium	1
	Meat from pig - fresh - Slaughterhouse - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	6	6	Salmonella Typhimurium	4
									Salmonella Typhimurium, monophasic	2
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	2	Salmonella Typhimurium	1
									Salmonella Typhimurium, monophasic	1
	Meat from pig - meat products - fresh raw sausages - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	23	23	Salmonella Bovismorbificans	1
									Salmonella Derby	3
									Salmonella Infantis	2
									Salmonella London	1
									Salmonella Newport	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - meat products - fresh raw sausages - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	23	23	Salmonella Nottingham	2
									Salmonella Other serovars	1
									Salmonella Panama	1
									Salmonella Reading	2
									Salmonella spp., unspecified	1
									Salmonella Typhimurium	4
									Salmonella Typhimurium, monophasic	4
	Meat from pig - meat products - raw but intended to be eaten cooked - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	2	2	Salmonella Derby	1
									Salmonella Typhimurium, monophasic	1
	Meat from pig - offal - liver - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	3	Salmonella Typhimurium	2
									Salmonella Typhimurium, monophasic	1
	Meat from sheep - offal - liver - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Typhimurium, monophasic	1

Table Salmonella:SALMONELLA in feed

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Compound feedingstuffs for cattle - Unspecified - United Kingdom - feed sample - Surveillance - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	16	16	Salmonella Agama	1
									Salmonella Agona	1
									Salmonella Budapest	1
									Salmonella Derby	1
									Salmonella Emek	1
									Salmonella enterica subsp. enterica rough	1
									Salmonella I 4,12:d:-	1
									Salmonella Mbandaka	1
									Salmonella Newport	1
									Salmonella Poona	1
									Salmonella Rissen	1
									Salmonella Senftenberg	2
									Salmonella Tennessee	2
									Salmonella Typhimurium	1
	Compound feedingstuffs for horses - Unspecified - United Kingdom - feed sample - Surveillance - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	2	2	Salmonella 4,5,12:i:-	1
									Salmonella IIIb	1
	Compound feedingstuffs for pigs - Unspecified - United Kingdom - feed sample - Surveillance - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	9	9	Salmonella Odozi	1
									Salmonella Rissen	6
									Salmonella Senftenberg	1
									Salmonella Tennessee	1
	Compound feedingstuffs for poultry (non specified) - Unspecified - United Kingdom - feed sample - Surveillance - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	37	37	Salmonella 13,23:i:-	5
									Salmonella Agona	2
									Salmonella Coeln	1
									Salmonella Cubana	1
									Salmonella Enterica, unspecified	1
									Salmonella Give	2
									Salmonella Havana	1
									Salmonella I 4,12:d:-	1
									Salmonella I 6,7:-:-	1
									Salmonella Idikan	1
									Salmonella Kedougou	4
									Salmonella Litchfield	1
									Salmonella Liverpool	1
									Salmonella Newport	2
									Salmonella Ohio	2
									Salmonella Rissen	3
									Salmonella Stockholm	1
									Salmonella Taksony	1
									Salmonella Tennessee	5
									Salmonella Typhimurium	1
	Compound feedingstuffs for sheep - Unspecified - United Kingdom - feed sample - Surveillance - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	2	2	Salmonella Aarhus	1
									Salmonella Tennessee	1
	Compound feedingstuffs, not specified - process control - Feed mill - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	104	104	Salmonella Agona	1
									Salmonella Corvallis	1
									Salmonella Derby	1
									Salmonella Enterica, unspecified	12
									Salmonella Enteritidis	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Compound feedingstuffs, not specified - process control - Feed mill - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	104	104	Salmonella group E	1
									Salmonella Infantis	5
									Salmonella Kottbus	1
									Salmonella Leeuwarden	1
									Salmonella Mbandaka	11
									Salmonella Schwarzengrund	1
									Salmonella Senftenberg	62
									Salmonella Tennessee	5
									Salmonella Typhimurium	1
	Compound feedingstuffs, not specified - Unspecified - United Kingdom - feed sample - Surveillance - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	15	15	Salmonella 13,23:i:-	1
									Salmonella Agama	1
									Salmonella Agona	2
									Salmonella Cubana	1
									Salmonella I 4,12:d:-	2
									Salmonella I 6,7:-:-	1
									Salmonella II 42:z:1,5	1
									Salmonella London	1
									Salmonella Newport	1
									Salmonella Ohio	2
									Salmonella Taksony	1
									Salmonella Tennessee	1
	Feed material of cereal grain origin - barley derived - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Glostrup	1
	Feed material of cereal grain origin - Feed mill - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	34	34	Salmonella Enterica, unspecified	4
									Salmonella Infantis	8
									Salmonella Isangi	1
									Salmonella Leeuwarden	1
									Salmonella Lexington	1
									Salmonella Livingstone	1
									Salmonella Llandoff	1
									Salmonella Mbandaka	4
									Salmonella Mons	1
									Salmonella Papuana	1
									Salmonella Raus	1
									Salmonella Senftenberg	9
									Salmonella Szentes	1
	Feed material of cereal grain origin - Feed mill - Not Available - Not Available - Unspecified - Official sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	3	3	Salmonella enterica, monophasic	1
									Salmonella Enterica, unspecified	2
	Feed material of cereal grain origin - maize derived - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Cubana	1
	Feed material of cereal grain origin - other cereal grain derived - by-products of brewing and distilling - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	4	4	Salmonella 4,5,12:i:-	1
									Salmonella Indiana	1
									Salmonella Kingston	1
									Salmonella Orion	1
	Feed material of cereal grain origin - wheat derived - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	8	8	Salmonella Agona	1
									Salmonella Kedougou	1
									Salmonella Kingston	1
									Salmonella Ohio	1
									Salmonella Senftenberg	1
									Salmonella Tennessee	1
									Salmonella Typhimurium	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Feed material of land animal origin - animal fat - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Typhimurium	1
	Feed material of land animal origin - blood products - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Reading	1
	Feed material of land animal origin - blood products - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	3	3	Salmonella Derby	1
									Salmonella IIIb 61:-:1,5,7	1
									Salmonella Senftenberg	1
	Feed material of land animal origin - bone meal - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	2	2	Salmonella Livingstone	2
	Feed material of land animal origin - meat and bone meal - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	3	3	Salmonella Havana	1
									Salmonella Livingstone	2
	Feed material of land animal origin - meat meal - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	11	11	Salmonella Cerro	1
									Salmonella Derby	1
									Salmonella Goldcoast	1
									Salmonella Havana	1
									Salmonella IIIb 61:-:1,5,7	1
									Salmonella Liverpool	1
									Salmonella London	1
									Salmonella Mbandaka	1
									Salmonella Ouakam	1
									Salmonella Tennessee	1
									Salmonella Typhimurium	1
	Feed material of land animal origin - protein meal - Feed mill - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	16	16	Salmonella Abony	1
									Salmonella Enteritidis	1
									Salmonella Livingstone	1
									Salmonella Mbandaka	2
									Salmonella Senftenberg	10
									Salmonella spp., unspecified	1
	Feed material of land animal origin - protein meal - Processing plant - Not Available - Not Available - Unspecified - Industry sampling - Not specified	single (food/feed)	25	Gram	N_A	Not Available	13	13	Salmonella Cerro	3
									Salmonella Enterica, unspecified	1
									Salmonella Livingstone	5
									Salmonella Senftenberg	3
									Salmonella Typhimurium	1
	Feed material of marine animal origin - fish meal - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Montevideo	1
	Feed material of oil seed or fruit origin - linseed derived - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella Muenster	1
	Feed material of oil seed or fruit origin - rape seed derived - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	108	108	Salmonella 3,19:-:-	1
									Salmonella Agona	1
									Salmonella Bredeney	4
									Salmonella Budapest	2
									Salmonella Ealing	1
									Salmonella Java	1
									Salmonella Mbandaka	1
									Salmonella Meleagridis	1
									Salmonella Montevideo	2
									Salmonella Muenchen	1
									Salmonella Newport	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Feed material of oil seed or fruit origin - rape seed derived - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	108	108	Salmonella Rissen	33
									Salmonella Senftenberg	4
									Salmonella Tennessee	55
	Feed material of oil seed or fruit origin - soya (bean) derived - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	39	39	Salmonella 3,19:-:-	1
									Salmonella Aarhus	1
									Salmonella Agama	1
									Salmonella Anatum	1
									Salmonella Banana	2
									Salmonella Budapest	8
									Salmonella Cubana	1
									Salmonella Enterica, unspecified	3
									Salmonella I 4,12:d:-	1
									Salmonella IIIa 47:z4,z23:-	1
									Salmonella Infantis	3
									Salmonella Liverpool	1
									Salmonella Livingstone	1
									Salmonella Mbandaka	5
									Salmonella Senftenberg	3
									Salmonella Soerenga	1
									Salmonella Taksony	2
									Salmonella Typhimurium	3
	Feed material of oil seed or fruit origin - sunflower seed derived - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	20	20	Salmonella Agona	1
									Salmonella Bredeney	2
									Salmonella Dallgow	1
									Salmonella Give	2
									Salmonella Infantis	1
									Salmonella Kentucky	1
									Salmonella Liverpool	1
									Salmonella Mbandaka	1
									Salmonella Montevideo	1
									Salmonella Rissen	2
									Salmonella Ruiru	1
									Salmonella Senftenberg	3
									Salmonella Typhimurium	3
	Feed material of oil seed or fruit origin - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	19	19	Salmonella Budapest	1
									Salmonella enterica subsp. enterica rough	1
									Salmonella Infantis	1
									Salmonella Kedougou	1
									Salmonella Rissen	12
									Salmonella Senftenberg	1
									Salmonella Tennessee	1
									Salmonella Typhimurium	1
	Other feed material - legume seeds and similar products - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	2	2	Salmonella IIIa 47:z4,z23:-	1
									Salmonella Mbandaka	1
	Other feed material - miscellaneous - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	4	4	Salmonella Havana	1
									Salmonella Ohio	1
									Salmonella Rissen	1
									Salmonella Taksony	1
	Other feed material - plants - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	1	1	Salmonella IIIa 47:z4,z23:-	1
									Salmonella Szentes	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Sampling Details	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other feed material - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	3	3	Salmonella Bredeney	1
									Salmonella Schwarzengrund	1
									Salmonella Tennessee	1
	Pet food - final product - Unspecified - United Kingdom - feed sample - Surveillance - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	4	4	Salmonella 4,12:z:-	1
									Salmonella Indiana	1
									Salmonella Livingstone	2
	Pet food - Unspecified - United Kingdom - feed sample - Unspecified - Not applicable - Not specified	batch (food/feed)	25	Gram	N_A	Not Available	273	273	Salmonella 13,23:i:-	2
									Salmonella 3,10:l,v:-	11
									Salmonella 4,12:i:-	10
									Salmonella 4,5,12:-:-	2
									Salmonella 4,5,12:i:-	8
									Salmonella 6,7:e,h:-	1
									Salmonella 6,8:e,h:-	7
									Salmonella 61:-:1,5	17
									Salmonella 9,12:-:-	1
									Salmonella Agama	1
									Salmonella Agona	1
									Salmonella Anatum	2
									Salmonella Bovismorbificans	9
									Salmonella Brancaster	1
									Salmonella Brandenburg	1
									Salmonella Derby	18
									Salmonella Dublin	5
									Salmonella Elomrane	1
									Salmonella Enterica, unspecified	1
									Salmonella Enteritidis	2
									Salmonella Give	7
									Salmonella Goldcoast	2
									Salmonella Hadar	9
									Salmonella Idikan	2
									Salmonella IIIb 61:-:1,5,7	6
									Salmonella IIIb 61:k:1,5,(7)	7
									Salmonella Indiana	29
									Salmonella Infantis	11
									Salmonella Java	2
									Salmonella Kedougou	7
									Salmonella Kottbus	12
									Salmonella Lexington	1
									Salmonella Livingstone	5
									Salmonella London	3
									Salmonella Mbandaka	15
									Salmonella Montevideo	4
									Salmonella Muenster	2
									Salmonella Newport	4
									Salmonella Ohio	1
									Salmonella Orion	8
									Salmonella Panama	5
									Salmonella Reading	1
									Salmonella Rissen	1
									Salmonella Stanley	4
									Salmonella Tennessee	1
									Salmonella Typhimurium	22
									Salmonella Uganda	1

Table Toxoplasma:TOXOPLASMA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cattle (bovine animals) - Farm - Not Available - animal sample - blood - Clinical investigations - Industry sampling - Suspect sampling	N_A	Latex agglutination test (LAT)	animal	6	6	Toxoplasma gondii	6
	Pigs - Farm - Not Available - animal sample - blood - Surveillance - Industry sampling - Suspect sampling	N_A	Latex agglutination test (LAT)	animal	1	0	Toxoplasma	0
	Sheep - Farm - Not Available - animal sample - blood - Clinical investigations - Industry sampling - Suspect sampling	N_A	Latex agglutination test (LAT)	animal	72	65	Toxoplasma gondii	65
					325	110	Toxoplasma gondii	110
	Sheep - Farm - Not Available - animal sample - foetus/stillbirth - Clinical investigations - Industry sampling - Suspect sampling	N_A	Immunofluorescence assay tests (IFA)	animal	104	104	Toxoplasma gondii	104

Table Trichinella:TRICHINELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Foxes - Natural habitat - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Selective sampling	N_A	Magnetic stirrer method for pooled sample digestion	animal	378	0	Trichinella	0
	Pigs - breeding animals - not raised under controlled housing conditions - sows and boars - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from FSA	Not Available	animal	519948	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from FSA	Not Available	animal	5432948	0	Trichinella	0
	Pigs - mixed herds - raised under controlled housing conditions - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Selective sampling	N_A	Magnetic stirrer method for pooled sample digestion	animal	1256	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from FSA	Not Available	animal	1312	0	Trichinella	0
	Wild boars - farmed - Slaughterhouse - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from FSA	Not Available	animal	264	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Not Available - animal sample - organ/tissue - Surveillance - Official sampling - Census	Data from FSA	Not Available	animal	697	0	Trichinella	0

Table Yersinia:YERSINIA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling Details	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Alpacas - farmed - Farm - Not Available - animal sample - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	2	2	Yersinia pseudotuberculosis	2
	Birds - wild - Natural habitat - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	1	1	Yersinia pseudotuberculosis	1
	Cattle (bovine animals) - Farm - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	2	2	Yersinia enterocolitica	1
							Yersinia pseudotuberculosis	1
					1002	85	Yersinia enterocolitica	41
							Yersinia pseudotuberculosis	32
							Yersinia, unspecified sp.	12
	Cattle (bovine animals) - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	5	5	Yersinia kristensenii	2
							Yersinia pseudotuberculosis	3
					1002	6	Yersinia enterocolitica	2
							Yersinia pseudotuberculosis	4
	Deer - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	1	1	Yersinia pseudotuberculosis	1
					5	2	Yersinia, unspecified sp.	2
	Dogs - pet animals - Unspecified - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	468	16	Yersinia enterocolitica	12
							Yersinia frederiksenii	1
							Yersinia pseudotuberculosis	3
	Gallus gallus (fowl) - Farm - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	10	1	Yersinia enterocolitica	1
	Hares - Natural habitat - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	1	1	Yersinia pseudotuberculosis	1
	Hares - Natural habitat - Not Available - animal sample - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	3	3	Yersinia pseudotuberculosis	3
	Pigs - Farm - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	3	3	Yersinia enterocolitica	2
							Yersinia pseudotuberculosis	1
	Pigs - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	25	2	Yersinia enterocolitica	2
	Rabbits - Unspecified - Not Available - animal sample - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	1	1	Yersinia pseudotuberculosis	1
	Sheep - Farm - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	56	2	Yersinia enterocolitica	2
	Sheep - Farm - Not Available - animal sample - foetus/stillbirth - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	56	1	Yersinia, unspecified sp.	1
	Sheep - Farm - Not Available - animal sample - organ/tissue - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	3	2	Yersinia enterocolitica	2
					56	2	Yersinia enterocolitica	2
	Sheep - Farm - Not Available - animal sample - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	3	3	Yersinia pseudotuberculosis	3
	Sheep - Farm - Not Available - unknown - Surveillance - Industry sampling - Suspect sampling	N_A	Unspecified	animal	4	4	Yersinia, unspecified sp.	4
	Solipeds, domestic - horses - Unspecified - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	1	1	Yersinia intermedia	1
	Zoo animals, all - Conservation facilities - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	1	1	Yersinia enterocolitica	1
							Yersinia pseudotuberculosis	1
	Zoo animals, all - Zoo - Not Available - animal sample - faeces - Surveillance - Industry sampling - Suspect sampling	N_A	Microbiological tests	animal	1	1	Yersinia enterocolitica	1

FOODBORNE OUTBREAKS TABLES

Foodborne Outbreaks: summarized data

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

		Outbreak strenght	Strong				Weak			
Causative agent	Food vehicle		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Bacillus subtilis	Unknown						1	3	0	0
Campylobacter jejuni	Milk, cows' - raw milk		1	15	1	0				
Campylobacter, unspecified sp.	Unknown						1	8	0	0
	Milk, cows' - raw milk		1	2	0	0				
	Meat from duck						1	3	0	0
Clostridium perfringens	Bovine meat and products thereof		1	13	5	0	1	4	0	0
	Cheeses, made from unspecified milk or other animal milk - spreadable		1	67	0	0				
	Meat, mixed meat						1	6	2	0
Listeria monocytogenes	Crustaceans, shellfish, molluscs and products thereof		1	2	2	0				
	Unknown						1	3	3	1
	Fish - smoked		1	4	4	2				
Norovirus	Unknown						1	23	0	0
	Live bivalve molluscs - oysters		1	157	0	0				
Salmonella Enteritidis	Broiler meat (Gallus gallus) and products thereof		2	460	43	1				
	Eggs - table eggs - shell		1	59	0	0				
Salmonella Indiana	Broiler meat (Gallus gallus) and products thereof		1	23	0	0				
Salmonella Infantis	Unknown						1	36	1	0
Salmonella Typhimurium	Cereal products including rice and seeds/pulses (nuts, almonds)		1	107	8	0				
	Unknown						1	47	2	0
STEC O145	Unknown						1	3	3	0
STEC O157	Unknown						2	9	6	0
	Vegetables		1	36	13	0	2	38	8	0
	Milk, cows' - raw milk		1	7	0	0				
Unknown	Crustaceans, shellfish, molluscs and products thereof						1	8	0	0
	Unknown						1	5	0	0

Strong Foodborne Outbreaks: detailed data

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Campylobacter jejuni	unk	Not Available	Not Available	Not Available	2020/3669	General	Milk, cows' - raw milk	N_A	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Farm	Not Available	United Kingdom	Unprocessed contaminated ingredient	2 human cases laboratory confirmed - LINKED BY WHOLE GENOME SEQUENCING - 5-SNP DESIGNATION 3.22.23.24.33.249.%	1	15	1	0
Campylobacter, unspecified sp.	unk	Not Available	Not Available	Not Available	2020/3666	General	Milk, cows' - raw milk	N_A	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Farm	Not Available	United Kingdom	Unprocessed contaminated ingredient;Cross-contamination	1 human case laboratory confirmed	1	2	0	0
Clostridium perfringens	unk	Not Available	Not Available	Not Available	2020/3667	General	Bovine meat and products thereof	Beef	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Unknown	Inadequate heat treatment;Inadequate chilling	5 human cases laboratory confirmed. CLP.140	1	13	5	0
					N_A	General	Cheeses, made from unspecified milk or other animal milk - spreadable	Cheese spread	Product-tracing investigations;Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Unprocessed contaminated ingredient;Other contributory factor	cpe gene in 5/9 positive samples	1	67	0	0
Listeria monocytogenes	unk	Not Available	Not Available	Not Available	N_A	General	Crustaceans, shellfish, molluscs and products thereof	Crab meat	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Other contributory factor;Cross-contamination	2 human cases laboratory confirmed. LINKED BY WHOLE GENOME SEQUENCING P76 t5.1	1	2	2	0
							Fish - smoked	Smoked salmon	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Other contributory factor;Cross-contamination	4 human cases laboratory confirmed. LINKED BY WHOLE GENOME SEQUENCING CC8 t5.347	1	4	4	2

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Norovirus	unk	Not Available	Not Available	Not Available	N_A	General	Live bivalve molluscs - oysters	N_A	Product-tracing investigations;Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	United Kingdom	Unprocessed contaminated ingredient;Cross-contamination	6 human cases laboratory confirmed. GI and GII	1	157	0	0
Salmonella Enteritidis	unk	Not Available	Not Available	Not Available	N_A	Continuation of an outbreak reported last/previous year	Eggs - table eggs - shell	Gallus Gallus	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	United Kingdom	Inadequate heat treatment	59 human cases laboratory confirmed - LINKED BY WHOLE GENOME SEQUENCING - 5-SNP DESIGNATION 1.2.3.18.180.180.%	1	59	0	0
					PHEOB 2008	Part of multicountry outbreak	Broiler meat (Gallus gallus) and products thereof	Multiple chicken meat products such as goujons, nuggets, sourthern fried chicken	Product-tracing investigations;Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence;Analytical epidemiological evidence	Multiple places of exposure in one country	Not Available	Poland	Inadequate heat treatment;Cross-contamination	92 human cases laboratory confirmed - LINKED BY WHOLE GENOME SEQUENCING - 5-SNP DESIGNATION 1.1.2.2533.3617.4833.%	1	92	16	0
					PHEOB 2009	Part of multicountry outbreak	Broiler meat (Gallus gallus) and products thereof	Multiple chicken meat products such as goujons, nuggets, sourthern fried chicken	Product-tracing investigations;Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence;Analytical epidemiological evidence	Multiple places of exposure in one country	Not Available	Poland	Inadequate heat treatment;Cross-contamination	368 human cases laboratory confirmed - LINKED BY WHOLE GENOME SEQUENCING - 5-SNP DESIGNATION 1.1.2.12.% [t25.12]	1	368	27	1

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Indiana	unk	Not Available	Not Available	Not Available	N_A	Continuation of an outbreak reported last/previous year	Broiler meat (Gallus gallus) and products thereof	N_A	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans	Multiple places of exposure in one country	Not Available	United Kingdom	Inadequate heat treatment;Cross-contamination	23 human cases laboratory confirmed - LINKED BY WHOLE GENOME SEQUENCING - 5-SNP DESIGNATION 1.1.1.1.3.3.%	1	23	0	0
Salmonella Typhimurium	unk	Not Available	Not Available	Salmonella Anatum	N_A	Part of multicountry outbreak	Cereal products including rice and seeds/pulses (nuts, almonds)	Brazil nuts	Product-tracing investigations;Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans;Descriptive epidemiological evidence;Analytical epidemiological evidence	Multiple places of exposure in one country	Not Available	Bolivia	Unprocessed contaminated ingredient	107 human cases laboratory confirmed. LINKED BY WHOLE GENOME SEQUENCING 1.222.503.919.5052.6145.% (t5.6145).	1	107	8	0
STEC O157	unk	eae positive	Verotoxin production, VT2;Verotoxin production, VT1	Not Available	2020/3670	General	Milk, cows' - raw milk	Raw cow's drinking milk	Descriptive epidemiological evidence	Farm	Not Available	United Kingdom	Unprocessed contaminated ingredient	2 human cases laboratory confirmed	1	7	0	0
					N_A	General	Vegetables	Cucumbers	Descriptive epidemiological evidence;Analytical epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Unknown	36 human cases laboratory confirmed. PT 8 t5.5892	1	36	13	0

Weak Foodborne Outbreaks: detailed data

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Bacillus subtilis	unk	Not Available	Not Available	Not Available	2020/3674	General	Unknown	No identified food	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Unknown	Unknown	N_A	1	3	0	0
Campylobacter, unspecified sp.	unk	Not Available	Not Available	Not Available	2020-02	General	Unknown	No identified food	Descriptive epidemiological evidence	Residential institution (nursing home or prison or boarding school)	Not Available	Unknown	Unknown	5 human cases laboratory confirmed.	1	8	0	0
					2020/3676	General	Meat from duck	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Unknown	Inadequate heat treatment	3 human cases laboratory confirmed.	1	3	0	0
Clostridium perfringens	unk	Not Available	Not Available	Not Available	2020/3671	General	Meat, mixed meat	Sunday roast - multiple meat products	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Unknown	Inadequate heat treatment;Cross-contamination	5 human cases laboratory confirmed	1	6	2	0
					2020/3675	General	Bovine meat and products thereof	Beef	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Unknown	Inadequate heat treatment;Inadequate chilling	2 human cases laboratory confirmed	1	4	0	0
Listeria monocytogenes	unk	Not Available	Not Available	Not Available	2020-01	General	Unknown	No identified food	Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Unknown	1 case reported 2021	1	3	3	1
Norovirus	unk	Not Available	Not Available	Not Available	2020/3655	General	Unknown	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Unknown	Unknown	2 human cases laboratory confirmed. GENOGROUP II RNA	1	23	0	0
Salmonella Infantis	unk	Not Available	Not Available	Not Available	N_A	General	Unknown	No identified food	Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Unknown	36 human cases laboratory confirmed - LINKED BY WHOLE GENOME SEQUENCING - 5-SNP DESIGNATION 1.1.836.1309.1801.1913.%	1	36	1	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella Typhimurium	unk	Not Available	Not Available	Not Available	N_A	General	Unknown	No identified food	Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Unknown	47 human cases laboratory confirmed - LINKED BY WHOLE GENOME SEQUENCING - 5-SNP DESIGNATION 1.46.72.75.673.1760.%	1	47	2	0
STEC O145	unk	Adhesion genes investigation not reported	Verotoxin production, toxin type unknown	Not Available	2020-4-2	General	Unknown	No identified food	Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Unknown	3 human cases laboratory confirmed - LINKED BY WHOLE GENOME SEQUENCING - 5-SNP DESIGNATION 2.8.21.137.158.165.%	1	3	3	0
STEC O157	unk	Adhesion genes investigation not reported	Verotoxin production, toxin type unknown	Not Available	2020-3-5	General	Unknown	No identified food	Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Unknown	5 human cases laboratory confirmed - LINKED BY WHOLE GENOME SEQUENCING - 5-SNP DESIGNATION 4.4.4.1408.2784.5830.%	1	5	3	0
					2020-4-1	General	Unknown	No identified food	Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Unknown	4 human cases laboratory confirmed - LINKED BY WHOLE GENOME SEQUENCING - 5-SNP DESIGNATION 4.870.305.660.5535.6022.%	1	4	3	0
		eae positive	Verotoxin production, VT2;Verotoxin production, VT1	Not Available	PHEOB 2002	General	Vegetables	N_A	Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Unknown	20 human cases laboratory confirmed. PT 8 t5.5890	1	20	5	0
					PHEOB 2003	General	Vegetables	N_A	Descriptive epidemiological evidence	Multiple places of exposure in one country	Not Available	Unknown	Unknown	18 human cases laboratory confirmed. PT 8 t5.5922	1	18	3	0

Causative agent	H	AG	VT	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Unknown	unk	Not Available	Not Available	Not Available	2020/3672	General	Crustaceans, shellfish, molluscs and products thereof	N_A	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Unknown	Unprocessed contaminated ingredient;Cross-contamination	Suspect norovirus	1	8	0	0
					2020/3673	General	Unknown	No identified food	Descriptive epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Not Available	Unknown	Unknown	N_A	1	5	0	0

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse | Sampling Type: animal sample - caecum | Sampling Context: Monitoring

Sampler: Official sampling | Sampling Strategy: Objective sampling | Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling details:

	AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
	ECOFF	**0.5**	**4**	**2**	**16**	**4**	**1**
	Lowest limit	**0.12**	**1**	**0.12**	**1**	**0.25**	**0.5**
	Highest limit	**16**	**128**	**16**	**64**	**16**	**64**
	N of tested isolates	**179**	**179**	**179**	**179**	**179**	**179**
MIC	**N of resistant isolates**	**106**	**1**	**0**	**107**	**1**	**119**
<=0.125		65		18			
<=0.25						7	
0.25		6		73			
<=0.5							60
0.5		2		87		44	
<=1			177		2		
1				1		115	
2			1		16	11	
4		8			43	1	
8		37			9		
16		54			2		6
>16		7				1	
32					2		4
64					12		26
>64					93		83
>128			1				

Table Antimicrobial susceptibility testing of Campylobacter jejuni in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling details:

	AM substance	Ciprofloxacin	Erythromycin	Gentamicin	Nalidixic acid	Streptomycin	Tetracycline
	ECOFF	**0.5**	**4**	**2**	**16**	**4**	**1**
	Lowest limit	**0.12**	**1**	**0.12**	**1**	**0.25**	**0.5**
	Highest limit	**16**	**128**	**16**	**64**	**16**	**64**
	N of tested isolates	**169**	**169**	**169**	**169**	**169**	**169**
MIC	**N of resistant isolates**	**62**	**1**	**0**	**60**	**3**	**67**
<=0.125		99		20			
<=0.25						6	
0.25		7		74			
<=0.5							101
0.5		1		68		37	
<=1			167		5		
1				7		105	1
2			1		18	16	
4		6			68	2	
8		24			16		
16		18			2		
>16		14				3	
32					2		3
64					9		19
>64					49		45
>128			1				

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

Table Antimicrobial susceptibility testing of Salmonella 1,13,23:i:- in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**55**	**55**	**55**	**55**	**55**	**55**	**55**	**55**	**55**	**55**	**55**	**55**	**55**	**55**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**
<=0.015							10								
<=0.03										55					
0.03							42								
0.064							1								
<=0.25				55										54	50
<=0.5					53				53						
0.5							2							1	4
<=1		42						9							
1					2				2						
<=2													55		
2		10						46							
<=4											53				
4		2	22												
<=8						55						29			
8			33												
16											2	25			
>32															1
>64		1													
>1024												1			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella 1,13,23:i:- in Gallus gallus (fowl) - laying hens

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella 1,4,5,12:i:- in Gallus gallus (fowl) - laying hens

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella 6,7:z10:- in Gallus gallus (fowl) - broilers - before slaughter

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella 6,8:e,h:- in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella Agona in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**	**27**
MIC	**N of resistant isolates**	**15**	**0**	**0**	**0**	**0**	**15**	**0**	**0**	**0**	**0**	**15**	**15**	**0**	**15**
<=0.015							10								
<=0.03										27					
0.03							2								
<=0.25				27										15	12
0.25							1								
<=0.5					26				27						
0.5							14							12	
<=1		12						4							
1					1										
<=2													12		
2								23							
<=4											12				
4			4												
<=8						27						1			
8			23								2				
16											13	11			
>32															15
>64		15											15		
>1024												15			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**	**44**
MIC	**N of resistant isolates**	**44**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							40								
<=0.03										44					
0.03							2								
0.064							2								
<=0.25				44										44	43
<=0.5					44				43						
0.5															1
<=1								41							
1									1						
<=2													44		
2								3							
<=4											44				
4			28												
<=8						44						21			
8			16												
16												23			
>64		44													

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella Coeln in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**
MIC	**N of resistant isolates**	**2**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**1**	**12**	**12**	**0**	**0**
<=0.015							12								
<=0.03										20					
0.03							5								
0.064							1								
<=0.25				19										19	19
<=0.5					20				20						
0.5				1			2							1	1
<=1		15						20							
<=2													7		
2		2													
<=4											18				
4		1	1										1		
<=8						20						1			
8			17												
16			2								1	5			
32											1	2			
>64		2											12		
>1024												12			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella I 4,12:d:- in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella Indiana in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**37**	**37**	**37**	**37**	**37**	**37**	**37**	**37**	**37**	**37**	**37**	**37**	**37**	**37**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**29**	**26**	**4**	**29**
<=0.015							16								
<=0.03										37					
0.03							21								
<=0.25				37										11	6
<=0.5					37				36						
0.5														1	
<=1		28						4							
1									1					21	2
<=2													11		
2		8						33						4	
<=4											37				
4			21												
<=8						37						7			
8			16												
16												1			
>32															29
>64		1											26		
512												1			
1024												12			
>1024												16			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**45**	**44**	**4**	**38**
<=0.015							39								
<=0.03										57					
0.03							17								
<=0.25				57										13	18
0.25							1								
<=0.5					57				57						
0.5														5	1
<=1		52						55							
1														35	
<=2													13		
2		3						2						4	
<=4											56				
4			24												
<=8						57						6			
8		1	33												1
16											1	6			
>32															37
>64		1											44		
512												2			
1024												25			
>1024												18			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella Kedougou in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**19**	**19**	**19**	**19**	**19**	**19**	**19**	**19**	**19**	**19**	**19**	**19**	**19**	**19**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**
<=0.015							17								
<=0.03										19					
0.03							1								
0.064							1								
<=0.25				18										18	19
<=0.5					18				17						
0.5				1										1	
<=1		17						7							
1					1				1						
<=2													17		
2		2						12	1						
<=4											19				
4			3										1		
<=8						16						11			
8			15												
16			1			3						8			
>64													1		

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella Mbandaka in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**	**32**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8**	**0**	**0**	**0**
<=0.015							16								
<=0.03										32					
0.03							13								
0.064							3								
<=0.25				32										19	30
<=0.5					32				28						
0.5														4	1
<=1		22						6							
1									3					9	1
<=2													23		
2		9						26	1						
<=4											21				
4		1	4										9		
<=8						26						18			
8			18								11				
16			10			6						6			
1024												1			
>1024												7			

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella Montevideo in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella Ohio in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Turkeys - fattening flocks - before slaughter

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**
MIC	**N of resistant isolates**	**13**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**2**	**2**	**0**	**0**
<=0.015							11								
<=0.03										15					
0.03							4								
0.064										1					
<=0.25				16										16	16
0.25							1								
<=0.5					15				16						
<=1	2							14							
1					1										
<=2													14		
2	1							2							
<=4											15				
4		9													
<=8						16						3			
8		6													
16		1										11			
>64	13												2		
>128											1				
>1024												2			

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Gallus gallus (fowl) - laying hens

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Salmonella spp., unspecified in Meat from broilers (Gallus gallus) - carcase - chilled

Sampling Stage: Slaughterhouse

Sampling Type: food sample - neck skin

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

Ceftazidime synergy test	Cefotaxime synergy test	MIC	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.06	0.5	0.125	32
			Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
			Highest limit	32	64	64	64	128	128	2	16	16	64
			N of tested isolates	41	41	41	41	41	41	41	41	41	41
			N of resistant isolates	40	40	2	4	40	2	1	0	0	0
Not Available	Not Available	<=0.015								36			
		<=0.03										41	
		0.03								3			
		<=0.064		1									
		0.064								1			
		<=0.125									34		
		0.12								1			
		<=0.25			1								
		0.25		4							7		
		0.5		6				1					
		1			1			8					1
		2		6	5		3	1					2
		4		13	2		21	12					29
		8		8	3		13	7					8

			AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.06**	**0.5**	**0.125**	**32**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**64**
			N of tested isolates	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**
Ceftazidime synergy test	**Cefotaxime synergy test**	**MIC**	**N of resistant isolates**	**40**	**40**	**2**	**4**	**40**	**2**	**1**	**0**	**0**	**0**
Not Available	Not Available	16		2	2		2	8					1
		32		1	4			4					
		64			20		2						
		>64			3								
	Positive/Present	<=0.064				38							
	Negative/Absent	<=0.064				1							
		4				2							
Positive/Present	Not Available	<=0.125							34				
		0.25							3				
Negative/Absent	Not Available	<=0.125							1				
		0.25							1				
		8							2				

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**
MIC	**N of resistant isolates**	**41**	**1**	**40**	**39**	**26**	**27**	**0**	**1**	**0**	**25**	**36**	**37**	**0**	**24**
<=0.015							14								
<=0.03										41					
<=0.25				1										35	13
0.25							2								
<=0.5					2				34						
0.5							14							6	3
<=1								41							
1				1	7		3		5						1
<=2			2										4		
2				5	2		1		1						
<=4											15				
4			11	2	10										
>4				32											
<=8						14						4			
8			14		7		2				1				
>8					13		5								
16			13			1						1			
32			1			7			1				5		
>32															24
64						2							25		
>64		41											7		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**	**41**
MIC	**N of resistant isolates**	**41**	**1**	**40**	**39**	**26**	**27**	**0**	**1**	**0**	**25**	**36**	**37**	**0**	**24**
128						13					2				
>128						4					23				
>1024												36			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**
MIC	**N of resistant isolates**	**101**	**1**	**1**	**1**	**8**	**26**	**0**	**10**	**0**	**25**	**78**	**55**	**0**	**60**
<=0.015							213								
<=0.03										250					
0.03							11								
0.12							6								
<=0.25				249										218	156
0.25							13								
<=0.5					249				187						
0.5							1							32	32
<=1		13						248							
1									48						2
<=2			36										192		
2		86					1	2	5						
<=4											223				
4		48	123	1									3		
<=8						238						140			
8		2	86				3		3		1				
>8					1		2								
16			4			4			1		1	24			
32						3			6			8	9		
>32															60
64		2	1								12		25		

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**	**250**
MIC	**N of resistant isolates**	**101**	**1**	**1**	**1**	**8**	**26**	**0**	**10**	**0**	**25**	**78**	**55**	**0**	**60**
>64		99											21		
128						3					3				
>128						2					10				
256												1			
>1024												77			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

Ceftazidime synergy test	Cefotaxime synergy test	MIC	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.06**	**0.5**	**0.125**	**32**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**64**
			N of tested isolates	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**
			N of resistant isolates	**13**	**17**	**5**	**4**	**17**	**5**	**0**	**0**	**0**	**0**
Not Available	Not Available	<=0.015								13			
		<=0.03										17	
		0.03								4			
		<=0.064		2									
		<=0.125									10		
		0.12		2									
		0.25		2							7		
		0.5		2	1								
		1						1					
		2			4			3					
		4		7	2		7	9					12
		8		2	1		6	1					4
		16						1					1
		32			3		2	2					
		64			6		2						
	Positive/Present	<=0.064				12							

Ceftazidime synergy test	Cefotaxime synergy test	MIC	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.06**	**0.5**	**0.125**	**32**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**64**
			N of tested isolates	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**
			N of resistant isolates	**13**	**17**	**5**	**4**	**17**	**5**	**0**	**0**	**0**	**0**
Not Available	Negative/Absent	0.5				1							
		1				2							
		2				1							
		8				1							
Positive/Present	Not Available	<=0.125							8				
		0.25							4				
Negative/Absent	Not Available	1							1				
		2							2				
		4							1				
		8							1				

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Gallus gallus (fowl) - broilers

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**17**
MIC	**N of resistant isolates**	**17**	**0**	**17**	**17**	**7**	**7**	**0**	**0**	**0**	**5**	**11**	**9**	**0**	**9**
<=0.015							6								
<=0.03										17					
0.03							4								
<=0.25														15	4
0.25							2								
<=0.5									15						
0.5				1			4							2	4
<=1								17							
1				1	1		1		2						
<=2													8		
2				5	4										
<=4											11				
4			10		9										
>4				10											
<=8						10						3			
8			2												
>8					3										
16			5								1	3			
>32															9
64		1				1							8		
>64		16											1		

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

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

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

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**
MIC	**N of resistant isolates**	**118**	**2**	**2**	**2**	**8**	**28**	**0**	**3**	**0**	**13**	**33**	**109**	**0**	**29**
<=0.015							164								
<=0.03										196					
0.03							5								
0.12							3			1					
<=0.25				195										167	154
0.25							16								
<=0.5					195				158						
0.5							4							29	14
<=1	7							194							
1					1				33					1	
<=2		29											86		
2	33							3	3						
<=4											175				
4	39	102		1									2		
>4			2												
<=8						186						144			
8		63					4		1		7				
>8							1								
16		1				3			1		2	16	1		
32		1				1						4	10		
>32									1						29

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**	**197**
MIC	**N of resistant isolates**	**118**	**2**	**2**	**2**	**8**	**28**	**0**	**3**	**0**	**13**	**33**	**109**	**0**	**29**
64											1		50		
>64		118	1										48		
128						4					5				
>128						3					7				
>1024												33			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

Ceftazidime synergy test	Cefotaxime synergy test	MIC	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.06**	**0.5**	**0.125**	**32**
			Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
			Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**64**
			N of tested isolates	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
			N of resistant isolates	**4**	**5**	**1**	**1**	**5**	**1**	**0**	**0**	**0**	**0**
Not Available	Not Available	<=0.015								4			
		<=0.03										5	
		<=0.064		1									
		0.064								1			
		<=0.125									3		
		0.25									1		
		0.5									1		
		1						1					
		2			1			1					
		4		2			2	1					2
		8		2			2	2					3
		16			1								
		32			1								
		>64			2		1						
	Positive/Present	<=0.064				4							
	Negative/Absent	1				1							

			AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
			ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.06	0.5	0.125	32
			Lowest limit	0.064	0.25	0.064	0.5	0.25	0.12	0.015	0.12	0.03	0.5
			Highest limit	32	64	64	64	128	128	2	16	16	64
			N of tested isolates	5	5	5	5	5	5	5	5	5	5
Ceftazidime synergy test	**Cefotaxime synergy test**	**MIC**	**N of resistant isolates**	**4**	**5**	**1**	**1**	**5**	**1**	**0**	**0**	**0**	**0**
Positive/Present	Not Available	<=0.125							4				
Negative/Absent	Not Available	8							1				

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: United Kingdom

Sampling Details:

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**5**	**1**	**5**	**5**	**1**	**4**	**0**	**0**	**0**	**1**	**2**	**1**	**0**	**3**
<=0.015							1								
<=0.03										5					
0.12							1								
<=0.25														5	2
0.25							3								
<=0.5									4						
<=1								5							
1					1				1						
<=2			1										4		
2				1	1										
<=4											4				
4			3		1										
>4				4											
<=8						4						2			
8					2										
16												1			
32											1				
>32															3
64			1										1		
>64		5													
128						1									

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

OTHER ANTIMICROBIAL RESISTANCE TABLES

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

Programme Code	Matrix Detailed	Zoonotic Agent Detailed	Sampling Strategy	Sampling Stage	Sampling Details	Sampling Context	Sampler	Sample Type	Sampling Unit Type	Sample Origin	Comment	Total Units Tested	Total Units Positive
CARBAMON	Gallus gallus (fowl) - broilers	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Slaughterhouse	N_A	Monitoring	Official sampling	animal sample - caecum	slaughter animal batch	United Kingdom	N_A	350	0
	Meat from broilers (Gallus gallus) - fresh	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Retail	N_A	Monitoring	Official sampling	food sample - meat	batch (food/feed)	United Kingdom	N_A	315	0
	Turkeys - fattening flocks	Escherichia coli, non-pathogenic, unspecified	Objective sampling	Slaughterhouse	N_A	Monitoring	Official sampling	animal sample - caecum	slaughter animal batch	United Kingdom	N_A	334	0

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

Latest Transmission set

Table Name	Last submitted dataset transmission date
Animal Population	26-Jul-2022
Disease Status	26-Jul-2022
Food Borne Outbreaks	26-Jul-2022
Prevalence	26-Jul-2022