

## Italy

### TRENDS AND SOURCES OF ZOONOSES AND ZOOTIC AGENTS IN FOODSTUFFS, ANIMALS AND FEEDSTUFFS

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

## IN 2015

## 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 Italy during the year 2015.

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.

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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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# 1 DISEASE STATUS

## 1.1 TUBERCULOSIS, MYCOBACTERIAL DISEASES

### 1.1.1 Mycobacterium in animals

#### 1.1.1.1 Mycobacterium in animal - Involved Area is Animals

Status as officially free of bovine tuberculosis during the reporting year

##### Free regions

Those recognized by the European Commission according to community legislation (i.e. Dir. 97/12/EC). Friuli-Venezia Giulia Region (2006/290/CE). Emilia Romagna Region (2007/174/CE). Veneto Region (2008/404/CE). Lombardia and Toscana Region (2010/391/CE). Provinces of Novara, Verbania (2007/174/CE), Vercelli (draft 04/12/2007), Asti and Biella (2012/204/UE) in Piemonte Region. Provinces of Bolzano and Trento in Trentino Alto Adige Region (2003/467/CE). Province of Pescara in Abruzzo Region (2006/169/CE). Provinces of Rieti and Viterbo in Lazio Region (2011/277/CE). Provinces of Ascoli Piceno (2003/467/CE) and Fermo (2012/204/UE) in Marche Region. Provinces of Oristano (2009/342/CE), Cagliari, Medio-Campidano, Ogliastra and Olbia-Tempio (2010/391/CE) in Sardegna region.

##### Monitoring system

##### Frequency of the sampling

Single skin test is performed every 2, 3 or 4 years according to EC legislation in OTF regions. In NOTF regions single skin test is performed annually as expected by the Ordinance of Ministry of Health of the 28th of May 2015 Misure straordinarie di polizia veterinaria in materia di tubercolosi, brucellosi bovina e bufalina, brucellosi ovi-caprina, leucosi bovina enzootica.

##### Type of specimen taken

Type of specimen taken: lymph nodes and/or organs from TB lesions at abattoir. Blood samples for gamma interferon test used as ancillary test in TB positive herds according to EU legislation.

##### Case definition

According to EU legislation and to the Ordinance of Ministry of Health of the 28th of May 2015 Misure straordinarie di polizia veterinaria in materia di tubercolosi, brucellosi bovina e bufalina, brucellosi ovi-caprina, leucosi bovina enzootica. Isolation of *M. bovis* from organs and/or lymph nodes coming from the active surveillance carried out in the slaughterhouses. &#8195;

##### Diagnostic/analytical methods used

Isolation and bacteriological identification is performed by standard methods according to the chapter 2.4.7 of the OIE manual of Diagnostic tests and Vaccines for Terrestrial Animals 2010. Molecular identification and subtyping of *Mycobacterium bovis* is performed by in-house standardized methods (Bonioti et al. 2009, J. Clin. Microbiol. 47:636-644).

##### Vaccination policy

None

##### Control program/mechanisms

## The control program/strategies in place

Single skin test according to EC legislation (97/12/CE amending 64/432/CE). In NOTF regions is applied the Ordinance of Ministry of Health of the 28 Maggio 2015 Misure straordinarie di polizia veterinaria in materia di tubercolosi, brucellosi bovina e bufalina, brucellosi ovi-caprina, leucosi bovina enzootica. Official post mortem examination is performed in all slaughtered cattle with obligatory report to the competent Local Veterinary Services. The control measures reported in Annex A, Chapter I, point 2, letter c), third paragraph of Decision 98/46/EC (i.e. post mortem examination in the slaughterhouse only, with testing of all animals entering an holding inside of the officially free province-region) are applied in Friuli Venezia Giulia region. Extraordinary TB eradication regional programs are always approved by National Authorities.

## Recent actions taken to control the zoonoses

Annually control by single skin test is performed in dairy herds producing and commercializing raw milk for human consumption also in OTF regions. Mantoux test is performed on farm workers and family members in case of TB outbreak.

## Suggestions to the European Union for the actions to be taken

It is suggested to implement a monitoring plan through a targeted sampling in OTF member States.

## Measures in case of the positive findings or single cases

All animals positives by tuberculin test are slaughtered within 15 days from the notification to the animal owner. Herd repopulation is performed after 2 consecutive negative tests at a distance of 42 days. In NOTF regions positive animals must be slaughtered within 15 days from the notification, as provided by the Ordinance of Ministry of Health. No animal movement from and to the infected holding is allowed until all the animals are negative to 2 consecutive tests. The only exception is represented by animals directly moved to a slaughterhouse. Milk of positive animals is destructed; milk of the remaining animals in the outbreak is submitted to heat treatment and consumed after pasteurization.

## Notification system in place

Each declaration of infected herd is reported by the Local Veterinary service to the local Health Authority (Municipalitys Major) and a monthly aggregate report is sent to the National Veterinary Authority. The disease has been notifiable since 1954.

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

In Italy Bovine Tuberculosis is eradicated in most part of the nation. The prevalence calculating considering herds subjected to programme (according to the decision 2002/322/EC) is 0,61%, while the prevalence registered in NOTF regions is 0,85% with an incidence of 0,78%. Overall there is a general tendency to reduce infection throughout the country. An exception is Sicily region in which the prevalence has increased (3,7%), due mainly to the reporting of Messina province (7,7%).

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

In Piemonte Region 4 TB zoonotic cases were described in farm owners (Goria et al. 2009, Medicina Veterinaria Preventiva n 30 pg. 50-58).

## Additional information

M. Beatrice Boniotti, Maria Goria, Daniela Loda, Annalisa Garrone, Alessandro Benedetto, Alessandra Mondo, Ernesto Tisato, Mariagrazia Zanon, Simona Zoppi, Alessandro Dondo, Silvia Tagliabue, Stefano Bonora, Giorgio Zanardi and M. Lodovica Pacciarini 2009. Molecular Typing of Mycobacterium bovis Strains Isolated in Italy from 2000 to 2006 and Evaluation of Variable-Number-Tandem-Repeats for a Geographic Optimized Genotyping. J. Clin. Microbiol. 47:636-644. L. M. Goria, A. Garrone, A. Benedetto, A. Dondo, S. Zoppi, F. Rossi, L. Chiavacci, A. Barbaro, S. Bonora, A. Mondo, A. Turchi, G. Moda, P. Vignetta, F. Rosso, L. Sala, P. Bruno Ventre, G. Ara, M. Veglia, C. Zucca. 2009. La tubercolosi da M. bovis nell'uomo: il risvolto zoonotico della malattia e i riscontri raccolti in Piemonte. Medicina Veterinaria preventiva n 30 pagina 50-58. Pacciarini M. L., Goria M., Tagliabue S., Mazzola E., Simonetti M. T., Dal Monte P., Mazzone P., M. B. Boniotti. 2013. Molecular analysis of Mycobacterium bovis isolates from humans in Italy: comparison with the genotype database of animal strains. 34th Annual Congress of the European Society of Mycobacteriology, 30th June-3rd July, Florence Italy.

## 1.2 BRUCELLOSIS

## 1.2.1 General evaluation of the national situation

### 1.2.1.1 Brucella - general evaluation - Involved Area is Animals

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

The principal source of infection for humans remains milk and milk products. There isn't a specific plan to check the food derived from dairy cattle or from milk sheep, but several samples of milk or cheese deriving from herds or flocks bred in the regions where the prevalence is high were positive by isolation for Brucella.

### 1.2.1.2 Brucella - general evaluation - Involved Area is Food

History of the disease and/or infection in the country

The main route of transmission of Brucella is through the mucous membranes, where the bacteria settle and hence penetrate the epithelial tissue of the host (conjunctival mucosa, oral, pharyngeal, intestinal, respiratory, vaginal and preputial). Humans become infected mainly by ingestion of unpasteurized milk and dairy products, or through the conjunctiva or wounds that come in contact with infected tissues (abortion, placentas, etc.), or by inhalation aerosol from infected tissues or in slaughterhouses, or accidental inoculation of the vaccine, while the inter-human infection is very rare. However, in Italy, there was a steady decrease of cases of human brucellosis in the last decade, but still brucellosis remains one of most important zoonoses in the regions of Southern Italy where there are almost the totality of cases.

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

The brucellosis persists in the southern Italian regions that were subject OM 28/05/2015, where there is still a prevalence of 1.9% and an incidence of 1.5% on tested bovine sera. The principal source of infection for humans remains milk and milk products. There isn't a specific plan to check the food derived from dairy cattle or from milk sheep, but several samples of milk or cheese deriving from herds or flocks bred in the regions where the prevalence is high were positive by isolation for Brucella.

## 1.2.2 Brucella in animals

### 1.2.2.1 Brucella in animal - Involved Area is Animals

Monitoring system

Sampling strategy

In the 2015 it was enacted the OM 28/05/2015 for the provinces not officially free (NOF) from brucellosis. On the basis of this rule all bovine, buffaloes, sheep and goats were tested by serological tests, the positive animals were slaughtered with the objective to reduce the prevalence of 10% for year.

Diagnostic/analytical methods used

The diagnostic methods used are RBT, CFT and m-ELISA.

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

The brucellosis test is carried out in the Italian regions through regular tests, and frequency is determined by the provincial qualifying, in accordance with the rules. Among the causes that cause persistent infection can suppose: Failure to observe the time of controls and recheck Delays in removing infected animals Deficiencies in the notification of abortions and subsequent searches etiological Inability to define origin of the infection

### 1.2.2.2 Brucella in animal - Involved Area is Animals

Status as officially free of bovine brucellosis during the reporting year

#### Free regions

According to the D. L. vo. 22 May 1999, n. 196 (97/12/CE): A Member State or provinces of a Member State may be declared officially brucellosis-free if they meet the following conditions : 1. from least three years, there has been no case of abortion due to Brucella infection and was not isolated any bacteria B. abortus at least 99,8 % of herds have achieved the officially brucellosis-free status each year for the past five years; 2. An identification system that allows for the identification of origin and transit for each bovine animal , pursuant to Regulation ( EC ) No . 820/97 3. The notified cases of abortion is mandatory and subjected to investigation by the competent authority.

#### Monitoring system

##### Type of specimen taken

In the 2015 it was enacted the OM 28/05/2015 for the provinces not officially free (NOFP) from brucellosis. The serum samples were tested by serological tests (RBT and CFT). In the OFP the samples collected are bulk milk samples tested by indirect ELISA.

##### Methods of sampling (description of sampling techniques)

The diagnostic methods used are RBT, CFT and m-ELISA.

##### Diagnostic/analytical methods used

The brucellosis test is carried out in the Italian regions through regular tests, and frequency is determined by the qualifying regional or provincial, in accordance with the rules. The diagnostic methods used are RBT and CFT. The strain typed were B. melitensis 1,2,3 and rev1 and B. abortus 1 and 3.

##### Diagnostic/analytical methods used

The brucellosis test is carried out in the Italian regions through regular tests, and frequency is determined by the qualifying regional or provincial, in accordance with the rules. The diagnostic methods used are RBT, CFT and m-ELISA. Following the isolation of Brucellae, the strain is typed. In cattle the circulating strains are B. abortus 1, 3, 6 and B. melitensis 3.

#### Control program/mechanisms

##### The control program/strategies in place

The ovine and caprine brucellosis persists in the southern Italian regions that were subject OM 28/05/2015, where there is still a prevalence of 1.2% and an incidence of 0.97% on tested animals.

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

The bovine brucellosis still persists in the regions of Southern Italy where the prevalence is 1,9% and the incidence is 1.5%. The trend is the prevalence increases (in 2014 1.6%) and incidence increases (in 2014 1,3%).

## **2 INFORMATION ON SPECIFIC ZONOSSES AND ZONOTIC AGENTS**

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

### **2.1 SALMONELLOSIS**

#### **2.1.1 General evaluation of the national situation**

##### **2.1.1.1 Salmonella - general evaluation - Involved Area is Food**

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

In 2015 a total of 39229 samples of food intended for human consumption were tested for *Salmonella* spp. The most part of the samples were collected by CA for official controls (29779). As regards the point of sampling half of them were collected at retail level and half at industry level; a minor part of samples were collected at slaughterhouse and canteen level. As far as the type of food, a wide range of samples were collected: vegetables, water, milk and milk products, fish and fish products, meat and meat products, eggs and eggs products, mixed food, bakery products and others with less frequency. 438 samples resulted to be positive and the most frequent *Salmonella* serovars were *S.Typhimurium* monophasic variant, *S.Derby*, and *S.Infantis*.

#### **2.1.2 Salmonella in foodstuffs**

##### **2.1.2.1 Salmonella in food - Involved Area is Food**

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

In 2015 11029 samples of meat and products were sampled, 8790 by Competent Authority, 2595 by FBO and 179 for research purposes. Most of the samples were collected at industry level (4471), retail level (4405) and at the slaughterhouse (1305). More frequently were collected samples of pig and bovine meat and less frequently samples of poultry meat; samples of different origin such as small ruminants, horses were sampled as well but with very low frequency. 337 samples resulted to be positive to *Salmonella* spp.; the most frequent serovar was *S.Infantis*, followed by *S.Typhimurium* monophasic and *S.Derby*.

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

In 2015 670 samples of eggs and egg products were submitted to analysis. 575 samples were collected by the Competent Authority for official controls, 74 samples were collected by FBO for own checks, 21 samples were collected for research purposes. In most cases sampling was performed at industry level (286) and retail level (279). One sample (egg) resulted to be positive to *S.Ohio*.

#### **2.1.3 Salmonella in animals**

##### **2.1.3.1 Salmonella in animal - Involved Area is Animals**

## Monitoring system

### Sampling strategy

#### Breeding herds

In Italy monitoring/control plans in pigs are not implemented at national level. Sampling is performed according to the epidemiological evaluation which is performed at regional/local level. Sampling strategy, frequency, type of samples and analytical methods are defined according to the specific objectives.

#### Broiler flocks

Sampling strategy, frequency, type of samples and methods to collect and analyze samples are reported in details in the National control plan and are in compliance with European relevant legislation (Regulation 2160/2003 and Regulation 200/2012).

#### Multiplying herds

In Italy monitoring/control plans in pigs are not implemented at national level. Sampling is performed according to the epidemiological evaluation which is performed at regional/local level. Sampling strategy, frequency, type of samples and analytical methods are defined according to the specific objectives.

#### Fattening herds

In Italy monitoring/control plans in pigs are not implemented at national level. Sampling is performed according to the epidemiological evaluation which is performed at regional/local level. Sampling strategy, frequency, type of samples and analytical methods are defined according to the specific objectives.

### Case definition

#### Broiler flocks: Before slaughter at farm

A flock is considered to be positive whenever a *Salmonella* spp. isolate is identified in a sample collected from the flock. Sanitary measures depend on the type of serovar identified.

## Vaccination policy

### Broiler flocks

Vaccination to protect broilers from zoonotic salmonella serovars is not applied in broilers in Italy.

## Other preventive measures than vaccination in place

### Broiler flocks

Biosecurity measures at farm level and control measures implemented in breeding flocks.

## Control program/mechanisms

### The control program/strategies in place

## Broiler flocks

The control of zoonotic salmonella serovars in boiler flocks of Gallus gallus in Italy is performed according to the National control plan, which is approved by the European Commission. The sampling scheme is in compliance with the relevant European legislation: Regulation 2160/2003 and 200/2012.

## Measures in case of the positive findings or single cases

### Broiler flocks: Before slaughter at farm

In case Salmonella serovars relevant for public health are identified sanitary measures are taken in order to avoid dissemination of bacteria at farm level and during transport of animals to the slaughterhouse. At the slaughterhouse Regulation 1086/2011 is applied; alternatively birds may be intended for heat treated products.

## Notification system in place

Results of sampling within the national control plan and all relevant information must be recorded in the dedicated informative system (SIS)

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

In 2015, 1027 broiler flocks were submitted to official sampling and 15275 were sampled by FBO. Only two out of all the tested flocks resulted to be positive to Salmonella serovars with public health significance (Salmonella Enteritidis/Typhimurium included monophasic variant) .

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

In 2015 a total of 1101 samples from pigs were analyzed; most of them for research purposes (670), a great part for clinical investigations (359) and a minor part for official controls by the competent Authority. In 653 cases samples were taken at the slaughterhouse and in 493 cases at farm level. 73 samples resulted to be positive and the most frequent salmonella serovars were S.Derby and S.Typhimurium monophasic variant.

### **2.1.3.2 Salmonella in - breeding flocks for meat production and broiler flocks**

## Monitoring system

### Sampling strategy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

The control of zoonotic salmonella serovars in boiler flocks of Gallus gallus in Italy is performed according to the National control plan, which is approved by the European Commission. The sampling scheme, frequency, type of samples and methods to collect and analyze samples are in compliance with the relevant European legislation: Regulation 2160/2003 and 200/2012.

## Case definition

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

A flock is considered to be positive whenever a Salmonella spp. isolate is identified in a sample collected from the flock. Sanitary measures depend on the type of serovar identified.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Rearing period

A flock is considered to be positive whenever a *Salmonella* spp. isolate is identified in a sample collected from the flock. Sanitary measures depend on the type of serovar identified.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period

A flock is considered to be positive whenever a *Salmonella* spp. isolate is identified in a sample collected from the flock. Sanitary measures depend on the type of serovar identified.

## Vaccination policy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

Vaccination is mandatory in case a new flock is hosted in herds where a relevant *Salmonella* serovar was found.

## Notification system in place

Results of sampling within the national control plan and all relevant information must be recorded in the dedicated informative system (SIS)

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

In 2015, 760 breeding flocks were submitted to official sampling and 702 were sampled by FBO. None of the tested flocks resulted to be positive to *Salmonella* serovars with public health significance (*Salmonella* Enteritidis/Typhimurium included monophasic variant) .

### 2.1.3.3 *Salmonella* in - breeding flocks for egg production and flocks of laying hens

## Monitoring system

### Sampling strategy

The control of zoonotic *salmonella* serovars in boiler flocks of *Gallus gallus* in Italy is performed according to the National control plan, which is approved by the European Commission. The sampling scheme, frequency, type of samples and methods to collect and analyze samples are in compliance with the relevant European legislation: Regulation 2160/2003 and 200/2012.

### Case definition

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

A flock is considered to be positive whenever a *Salmonella* spp. isolate is identified in a sample collected from the flock. Sanitary measures depend on the type of serovar identified.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Rearing period

A flock is considered to be positive whenever a *Salmonella* spp. isolate is identified in a sample collected from the flock. Sanitary measures depend on the type of serovar identified.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period

A flock is considered to be positive whenever a *Salmonella* spp. isolate is identified in a sample collected from the flock. Sanitary measures depend on the type of serovar identified.

## Vaccination policy



Breeding flocks (separate elite, grand parent and parent flocks when necessary)

Vaccination is mandatory in case a new flock is hosted in herds where a relevant Salmonella serovar was found.

Notification system in place

Results of sampling within the national control plan and all relevant information must be recorded in the dedicated informative system (SIS)

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

In 2015, 760 breeding flocks were submitted to official sampling and 702 were sampled by FBO. Non eof the tested flocks resulted to be positive to Salmonella serovars with public health significance (Salmonella Enteritidis/Typhimurium included monophasic variant) .

#### **2.1.3.4 Salmonella in animal - Involved Area is Animals**

Monitoring system

Sampling strategy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

The control of zoonotic salmonella serovars in boiler flocks of Gallus gallus in Italy is performer according to the National control plan, which i s approved by the European Commission. The sampling scheme, frequency, type of samples and methods to collect and analyze samples are in compliance with the relevant European legislation: Regulation 2160/2003 and 200/2012.

Case definition

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Day-old chicks

A flock is considered to be positive whenever a Salmonella spp. isolate is identified in a sample collected from the flock. Sanitary measures depend on the type of serovar identified.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Rearing period

A flock is considered to be positive whenever a Salmonella spp. isolate is identified in a sample collected from the flock. Sanitary measures depend on the type of serovar identified.

Breeding flocks (separate elite, grand parent and parent flocks when necessary): Production period

A flock is considered to be positive whenever a Salmonella spp. isolate is identified in a sample collected from the flock. Sanitary measures depend on the type of serovar identified.

Vaccination policy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

Vaccination is mandatory in case a new flock is hosted in herds where a relevant Salmonella serovar was found.

## Measures in case of the positive findings or single cases

### Breeding flocks (separate elite, grand parent and parent flocks when necessary)

In case Salmonella serovars relevant for public health are identified (Salmonella Enteritidis/ Salmonella Typhimurium included monophasic variant) sanitary measures are taken in order to avoid dissemination of bacteria at farm level and during transport of animals to the slaughterhouse. Eggs can't be hatched and eggs still present at the hatchery have to be destroyed. At the slaughterhouse Regulation 1086/2011 is applied; alternatively birds may be intended for heat treated products.

### Notification system in place

Results of sampling within the national control plan and all relevant information must be recorded in the dedicated informative system (SIS)

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

In 2015, 760 breeding flocks were submitted to official sampling and 702 were sampled by FBO. None of the tested flocks resulted to be positive to Salmonella serovars with public health significance (Salmonella Enteritidis/Typhimurium included monophasic variant) .

## 2.1.3.5 Salmonella in - breeding flocks and meat production flocks

### Monitoring system

#### Sampling strategy

Breeding flocks (separate elite, grand parent and parent flocks when necessary)

In Italy monitoring/control plans in poultry not covered by Regulation 2160/2003 are not implemented at national level. Sampling is performed according to the epidemiological evaluation which is performed at regional/local level. Sampling strategy, frequency, type of samples and analytical methods are defined according to the specific objectives.

## 2.1.4 Salmonella in feedingstuffs

### 2.1.4.1 Salmonella in feed - Involved Area is Feed

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

In 2015 3000 feed samples were submitted to Salmonella analysis: 1179 were collected by FBO and the remaining part by CA. 2096 samples were collected at industry level while the others were collected at retail level. Different type of matrices were collected including different type of raw material. 17 samples resulted to be positive and the following serovars were identified: S. Agona, S. Anatum, S. Blockley, S. Dallgow, S. Derby, S. Give, S. Kasenyi, S. Kentucky, S. Llandoff, S. Mbandaka, S. Mishmarhaemek, S. Montevideo, S. Ohio, S. Orion, S. Senftenberg, S. Typhimurium, S. Typhimurium var. monophasic.

## 2.2 CAMPYLOBACTERIOSIS

## 2.2.1 General evaluation of the national situation

### 2.2.1.1 Campylobacter - general evaluation - Involved Area is Animals

#### History of the disease and/or infection in the country

Italian reporting system on human infectious diseases does not distinguish gastroenteritis caused by Campylobacter from other infectious diseases listed in the national legislation. For this motive in Italy are no official data on the incidence of Campylobacter infection in human. In 2015, monitoring plans for the assessment of Campylobacter contamination in broilers at slaughterhouse and in chicken and bovine meat sampled at retail were carried out. Data are not yet available. No monitoring plan has been made to study the prevalence of infection in other animals/food

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

All animals samples examined were taken as part of projects or clinical investigations. The data reported for 2015 still show a low number of animals tested and not supported by the monitoring plans. 6573 samples were tested for Campylobacter, 54.4% from animals and 45.6% food for human. 3572 animals samples were examined for Campylobacter spp and 3.19% were contaminated. The most contaminated animals were poultry (14.86%), sheep (4.27%), wildlife (2.68%), cattle (1.19%) and pets. C.jejuni was principal strain isolated (58.7%) but the majority of Campylobacter spp. were not identified to the species levels

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

Not relevant.

#### Recent actions taken to control the zoonoses

There is no action taken in Italy for the control of campylobacteriosis.

#### Suggestions to the European Union for the actions to be taken

Monitoring plan in the countries to study the prevalence in food at retail (primarily meat, milk)

### 2.2.1.2 Campylobacter - general evaluation - Involved Area is Food

#### History of the disease and/or infection in the country

In Italy official data on human case of campylobacteriosis, are not available and its incidence is not known.

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

The number of samples tested for Campylobacter in food are poor and fragmentary and lower than the previous years. In food, prevalence of Campylobacter spp contamination was 2.47% (74/2991). Most of the units (81.9%) were sampled during official control activities in exercises such as restaurants and bars. The most contaminated foods were meat and meat products (5.84%) especially chicken (3.33%). During the sampling carried out within research projects milk and yogurt (2.43%) are results contaminated. The majority of Campylobacter spp. isolates were not identified to the species level.

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

Not relevant

#### Recent actions taken to control the zoonoses

There is no action taken in Italy for the control of this zoonosis.

#### Additional information

Currently in Italy there is an ongoing " Monitoring Plan on contamination by Campylobacter in broiler and bovine meat at retail. The plan aims primarily to estimate the levels of contamination of poultry and bovine meat (hamburger). The results are not yet available.

## 2.2.2 Campylobacter in foodstuffs

### 2.2.2.1 Campylobacter in food - Involved Area is Food

#### Monitoring system

##### Sampling strategy

Unspecified

##### Frequency of the sampling

Unspecified

##### Type of specimen taken

Primarily Human food, meat and meat products, milk, yogurt, cheese

##### Methods of sampling (description of sampling techniques)

unspecified

##### Diagnostic/analytical methods used

Not all of them report the method used. Most use ISO 10272:2006 and some have reported use of RT-PCR.

#### Control program/mechanisms

##### The control program/strategies in place

Currently in Italy there is an ongoing " Monitoring Plan on contamination by Campylobacter in broiler and bovine meat sampled at retail. The plan aims primarily to estimate the levels of contamination of poultry and bovine meat (hamburger). The results are not yet available.

##### Recent actions taken to control the zoonoses

There is no action taken in Italy for the control of this zoonosis.

#### Notification system in place

According to art.5 Law 283/62

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

The number of samples tested for Campylobacter in food are poor and fragmentary and lower than the previous years. In food, prevalence of Campylobacter spp contamination was 2.47% (74/2991). Most of the units (81.9%) were sampled during official control activities in exercises such as restaurants and bars. The most contaminated foods were meat and meat products (5.84%) especially chicken (3.33%). During the sampling carried out within research projects milk and yogurt (2.43%) are results contaminated. The majority of Campylobacter spp. isolates were not identified to the species level.

## 2.2.3 Campylobacter in animals

### 2.2.3.1 Campylobacter in animal - Involved Area is Animals

#### Monitoring system

##### Sampling strategy

Unspecified

##### Frequency of the sampling

Unspecified

##### Type of specimen taken

Unspecified

##### Methods of sampling (description of sampling techniques)

Unspecified

##### Diagnostic/analytical methods used

Isolation of Campylobacter in animal samples in Italy is carried out by method OIE (OIE manual)

#### Vaccination policy

Non apply

#### Other preventive measures than vaccination in place

None

#### Control program/mechanisms

##### The control program/strategies in place

Currently in Italy there is an ongoing "National Monitoring Plan on contamination by Campylobacter in broiler production chain. The plan aims primarily to estimate the levels of prevalence of infection in chicken farms, to determine the levels of contamination of carcasses in slaughterhouses and to estimate the expected number of non-conforming lots in case of application of microbiological criteria. The results are not yet available.

## Suggestions to the European Union for the actions to be taken

It is suggested, to implement the control programs for Campylobacter in chicken farms , setting reduction aims (annual or three-year) of prevalence of infection

### Notification system in place

Notification system is not in place.

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

All animals samples examined were taken as part of projects or clinical investigations. The data reported for 2015 still show a low number of animals tested and not supported by the monitoring plans. 6573 samples were tested for Campylobacter, 54.4% from animals and 45.6% food for human. 3572 animals samples were examined for Campylobacter spp and 3.19% were contaminated. The most contaminated animals were poultry (14.86%), sheep (4.27%), wildlife (2.68%), cattle (1.19%) and pets. C.jejuni was principal strain isolated (58.7%) but the majority of Campylobacter spp. were not identified to the species levels

## 2.3 LISTERIOSIS

### 2.3.1 General evaluation of the national situation

#### 2.3.1.1 Listeria - general evaluation - Involved Area is Animals

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

In 2014, the overall prevalence of Listeria was 0.19% (28/1076) in animals: 11 goats 10 bovines (2 milk cows), 4 sheep, 1 buffalo, 1 dolphin, 1 broiler, 1 horse. The goats positive from 2 farms indicate a possible outbreak of listeriosis. Most of the samples were from animal for clinical diagnosis (59,25%) and 40,74 % from research projects. Bovines represent the first group of animal sampled (25,89%), after pigs (22,71%) Goats (20,28%) and sheep (15,42%), the first four species give the 84,30 % of the samples analyzed during 2015.

#### 2.3.1.2 Listeria - general evaluation - Involved Area is Food

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

The overall prevalence of Listeria monocytogenes was 1.48% in foods (518/34957). According to the contest, 0.37% (44/11965) of the samples collected for own check activities and 2.44% (530/21718) collected by official control were contaminated by Listeria monocytogenes and 2.55% (55/2160) in the framework of samples collected during research projects. According to the sample type 1479 were environmental samples with 21 positive samples (1,41%) and 33491 food samples with 497 positive samples (1.48%). The most consistent sampling activity on foodstuffs was performed in processing plants (19631) with 1.07% of samples contaminated by Listeria monocytogenes and in retail stores (13962) where 1.48% were samples found contaminated (303).

##### Additional information

According to a generic classification of the food categories reported in the system, RTE products represented 85.05% of tested food (29733) and 87.06% of positive samples (451/518). In particular 1.52% (451/29733) of RTE products were contaminated, mostly represented by the following groups of food: meat products (positive samples: 335/9969 = 3.36%), RTE fishery products and fish preparations (positive samples: 81/1320 = 6.13%), milk and milk products including cheese (positive samples: 32/15838 = 0.20%), and vegetables and fruits (positive samples: 3/1162 = 0.26%).

### 2.3.2 Listeria in foodstuffs

### 2.3.2.1 Listeria in food - Involved Area is Food

Monitoring system

Sampling strategy

In 2015 the number of samples of food taken for detection or enumeration of *Listeria monocytogenes* were 34957, taken from foods in the framework of own-check (6,49%) and official control activities (58,97%) and Research projects (6,49%) on *Listeria monocytogenes*. According to the data reported in the previous year, in 2015 an increase of 1.92% of the number of samples tested for *Listeria monocytogenes* was recorded (34284 in 2014 and 34957 in 2015).

## 2.4 YERSINIOSIS

### 2.4.1 General evaluation of the national situation

#### 2.4.1.1 Yersinia - general evaluation - Involved Area is Animals

History of the disease and/or infection in the country

*Yersinia enterocolitica* in Italy is rarely involved in food borne transmission and official data on human case of *Yersinia enterocolitica*, are not available. Its incidence is not known. The epidemiology of the infection, the distribution of serotypes and the importance of transmission between animal, food and man need to be more fully understood. No monitoring plan has been made to study the prevalence of infection in animals/food.

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

National data regarding control activities for *Y. Enterocolitica* contamination in animal are still very poor. Are tested 2471 Animal Units and the number of Positive Units were 210 (8.49%) In Control in research projects or other studies random sampling, were sampling 1596 samples from wild animals and 53 (3.34%) samples were positive for *Yersinia enterocolitica*. Samples from animals in farm were 153 and 38 (24.83%) were positive. In 137 samples from bovine 27.00% were positive for *Y. enterocolitica* and principal serovar were *Y. enterocolitica* O9 (60.5%) : In clinical investigation, contamination in animal tested were 16.2%. Wildlife were more contaminated by *Y. enterocolitica* (4.61%) . Serovar isolated were *Y. enterocolitica* O9, O2, O8, O3, O5.

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

not relevante

Recent actions taken to control the zoonoses

There is no action taken in Italy for the control of this zoonosis.

Suggestions to the European Union for the actions to be taken

The epidemiology of the infection, the distribution of serotypes and the importance of transmission between animal and men need to be more fully understood. Coordinate monitoring plan are necessary.

## 2.4.2 Yersinia in foodstuffs

### 2.4.2.1 Yersinia in food - Involved Area is Food

#### Preventive measures in place

There is no preventive measures in place in Italy for the control of this zoonosis.

### 2.4.2.2 Yersinia in food - Involved Area is Food

#### Monitoring system

##### Diagnostic/analytical methods used

ISO 10273:2003

#### Preventive measures in place

There aren't preventive measures in place

#### Control program/mechanisms

##### Suggestions to the European Union for the actions to be taken

The epidemiology of the infection , the distribution of serotypes and the importance of transmission between animal,food and man need to be more fully understood.Coordinate monitoring plan are necessary

#### Notification system in place

Notification system is not in place

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

National data regarding control activities for Y. Enterocolitica contamination in food are still very poor. The number of food samples tested was too few for each category of food and not regulated by specific and harmonized control plans at national level and for this motive therefore cannot be representative of the national situation. Are tested 466 food units and the number of positive unit were 5 (1.0%).Were Positive samples of fresh meat; other food tested were negative (milk, cheese, vegetables)

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

Not relevant

## 2.5 TRICHINELLOSIS

### 2.5.1 General evaluation of the national situation



### 2.5.1.1 Trichinella - general evaluation - Involved Area is Animals

#### History of the disease and/or infection in the country

From the fifties up to 2015, 1,511 *Trichinella* infections in humans have been documented in Italy. Of them, 174 cases (8 outbreaks) were caused by the consumption of uncontrolled meat from hunted wild boars, 11 cases (2 outbreaks) for the consumption of meat from hunted foxes, 111 cases (3 outbreaks) from uncontrolled meat from reared wild boars, 169 cases (10 outbreaks) for the consumption of pork from free-ranging or backyard Italian pigs, 11 cases (2 outbreaks) for the consumption of infected pork imported from Romania, and 1,038 cases (7 outbreaks) for the consumption of meat from horses imported from Eastern Europe. In the same period of time, *Trichinella* larvae have been detected in: 29 free-ranging or backyard Italian pigs, 32 wild boars hunted in Italy, 6 wild boars farmed in the Friuli V.G. region, and in 8 horses imported from Eastern Europe. The etiological agent of *Trichinella* in wild animals is *T. britovi*, whereas most of *Trichinella*-infected animals imported from abroad were infected with *T. spiralis*. *Trichinella pseudospiralis* has been detected in two hunted wild boars of the Emilia Romagna and Tuscany regions, in six farmed wild boars of the Friuli V.G. region, and in a fox of Tuscany.

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

In Italy in 2015, *Trichinella* larvae have been isolated from 3 (0.003%) hunted wild boar; 17 (0.89%) red foxes; 1 (0.6%) badger; and 20 (22.98%) wolves. No *Trichinella* larvae have been detected in 8 pine martens, 32 stone Martens, 4 wild cats, 1 stray dog, 1 skunk, and 1 weasel.

### 2.5.2 Trichinella in animals

#### 2.5.2.1 Trichinella in animal - Involved Area is Animals

#### Number of officially recognised Trichinella-free holdings

In 2015, 163 pig holdings have been officially recognised as *Trichinella*-free; the total number of pig holdings officially recognised as *Trichinella*-free in Italy reached the number of 1815 (1652 + 163) at the end of 2015. However in the course of 2015, this recognition has been suspended for 36 pig holdings.

#### Monitoring system

##### Sampling strategy

###### General

According to the current European legislation, all pigs originating from holdings, which are not recognised as *Trichinella*-free, are tested to search *Trichinella* larvae by artificial digestion.

###### For Trichinella free holdings

*Trichinella* larvae have been never detected in pigs from *Trichinella*-free holdings of Italy. No pig from *Trichinella*-free holdings was tested for this parasite in 2015.

##### Methods of sampling (description of sampling techniques)

###### General

According to the European legislation 2075/2005 and 1375/2015.

## 2.6 ECHINOCOCCOSIS

### 2.6.1 General evaluation of the national situation

#### 2.6.1.1 Echinococcus - general evaluation - Involved Area is Animals

##### History of the disease and/or infection in the country

Until now, in Italy, the following agents of Cystic echinococcosis (CE) have been identified: *Echinococcus granulosus* sensu stricto (genotypes G1, G2, G3), *E. equinus* (G4), *E. ortleppi* (G5), and pig strain (G7). CE has been reported in farmed animals, dogs, wildlife (mainly wolves and wild-boars), and in humans. *E. multilocularis* (Alveolar echinococcosis) has been reported in foxes. It is not present in other animals (although some wrong reports were notified in recent years) or in humans.

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

The epidemiological situation in the last years should be considered basically constant. CE may be considered sporadic, endemic and hyper endemic in northern, central, southern and insular (Sardinia and Sicily) Italy, respectively. However, high prevalence of CE in adult sheep have been reported in different Italian provinces, irrespective of area of origin, and in alpine areas previously considered ipoendemic. The situation of Sardinia and Sicily continues to be alarming, even if CE prevalence and cyst fertility rates seem to be lower than in the past. The sheep-dog cycle, especially the role of shepherd dog not managed correctly, is the most important way of diffusion the parasite.

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

Notification of human CE in Italy is compulsory but widely disregarded, recently is been implemented the national register of CE cases but isnt still working; this bounds to restrict the studies to hospitalized patients. CE human infection occurs symptomatically in a small number of people after many years of infection and makes difficult to estimate the exact incidence rate. A retrospective epidemiological study of HDRs for Human CE cases between 2001 and 2012 in Italy was carried out. A total of 19,414 HDRs were analysed. The highest average AIh was registered in the islands with 4.6/100000 inhabitants. An AIh over 2/100000 inhabitants was observed in 31/110 provinces. Rural areas with comprehensive development problems had a relative risk of CE of 5.7 (95%CI, 5.3 to 6.9) compared to urban areas. The relative risk increased between areas where sheep breeding is widespread compared to those where it is less prevalent. More accurate data on CE prevalence in humans (particularly undiagnosed or asymptomatic cases) are needed. Instead improved animals data on CE prevalence correlated to geographical location of farms hosting infected animals could help specific epidemiological and risk analysis.

##### Recent actions taken to control the zoonoses

CE control programmes are have been implemented in some regions. Treatment of dogs in kennel is required by law.

##### Suggestions to the European Union for the actions to be taken

The analysis of Echinococcus-Echinococcosis Regional Reports in animals mainly concerning cases found at slaughter [inspection under Reg. (EC) No 854/2004 (EC, 2004)], shows that the data from some regions are lacking and the harmonisation of information is inadequate. Therefore, the official data are presently insufficient. Veterinary Services should report properly the positive cases. Furthermore, an agreed proportion of cysts found at slaughter should be collected to determine fertility. Cyst fertility and data of infected animals (species, category and livestock origin) should be registered, and samples of detected cysts should be sent to the National Reference Laboratory (NRL) for genotyping, in order to have a more accurate epidemiological picture of animal echinococcosis at regional and national level. Epidemiological studies from all over the world which show that sheep is the key reservoir for *E. granulosus*. An accurate, epidemiological GIS analysis would show the precise location of sheep farms hosting infected animals. It would also enable a study of the correlation of animal and human cases, which is a necessary condition to target preventive measures and to plan a proper CE control programme. A reliable assessment of the degree of intervention would be possible if the precise localization of farms hosting infested animals could be listed and analyzed in combination with the incidence data.

##### Additional information

In 2015, seven (Abruzzo, Basilicata, Calabria, Molise, Piemonte, Puglia, Valle d'Aosta, Veneto) out of twenty regions didn't report on CE or transmitted incomplete and unreliable data. Prevalence rates are strongly age dependent and reports from abattoirs that may slaughter only young animals will substantially under-represent the true situation. However the prevalence of positivity reported, especially for data resulting from the official controls, are always lower than 1% even in regions known to be endemic with apparent underreporting of the real cases of *Echinococcus* spp in Italian territory. This is because older animals may be heavily infected even when young animals have very few larvae. In this report some regions have employed the suggestion about the construction of the data base, in particular, have applied the distinction in slaughtering data of adult sheep and goat from lambs and kids. Moreover it was also detected inconsistencies between the data in the SINZOO report on slaughtered and the national report of the slaughter of animals national database.

## 2.7 RABIES

### 2.7.1 General evaluation of the national situation

#### 2.7.1.1 Lyssavirus (rabies) - general evaluation - Involved Area is Animals

##### History of the disease and/or infection in the country

In 2015 no rabies cases have been diagnosed (the last case was diagnosed in February 2011). Italy has been recognized rabies-free since 2013. The epidemiological situation of rabies in Slovenia was characterized by no case in 2015.

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

The last rabies case (one fox) was diagnosed in 2011. Italy has been recognized rabies-free since 2013.

##### Recent actions taken to control the zoonoses

In 2015 one ordinary aerial oral fox vaccination campaign has been carried out in Autumn along the border with Slovenia. The level of passive surveillance in wild animals in north-eastern Italy has been properly guaranteed. The data about rabies surveillance in the other Italian regions did not show any relevant change.

##### Additional information

Oral rabies vaccination campaigns have already been scheduled for the year 2016.

## 2.8 Q-FEVER

### 2.8.1 General evaluation of the national situation

#### 2.8.1.1 Coxiella (Q-fever) - general evaluation - Involved Area is Animals

##### History of the disease and/or infection in the country

Q-fever is a zoonosis caused by a Gram negative bacteria, named *Coxiella burnetii*. Multiple host can serve as reservoir of infection. The most commonly sources of infection for human are farm animals, like cattle, sheep and goats; they shed bacteria in urine, faeces, milk and placental fluids, but ticks are considered to be the natural primary reservoirs of *C. burnetii*. Infection occurs by inhalation of organisms or ingestion of raw milk from animals to humans. *C. burnetii* can cause abortion in sheep and goats, but is unapparent in cattle.

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

In Italy the disease is still present in all regions. There is no specific monitoring plan, but the etiological agent is identified from aborted samples as a differential diagnosis with other agents. The disease has been a notifiable as prescribed by rule.

## Suggestions to the European Union for the actions to be taken

We suggest to define the protocols to be follow during the investigations of abortion to check the responsible agent, including also the research of *C. burnetii* by PCR, and prevent quickly possible contaminations for the human. Also to be studied the role of ticks for transmission the disease to the human.

## 2.8.2 Coxiella (Q-fever) in animals

### 2.8.2.1 Coxiella (Q-fever) in animal - Involved Area is Animals

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

The highest risk factor for acquisition of Q-fever is exposure to parturient infected animals. Another risk factor to acquired infection are exposure to migrating sheep flocks.

### 2.8.2.2 Coxiella (Q-fever) in animal - Involved Area is Animals

Control program/mechanisms

Recent actions taken to control the zoonoses

Routine diagnosis of Q-fever is usually made by serological tests that have the disadvantage of indicating exposure rather than detecting the organism. The PCR technique has become a useful tool to detect *C. burnetii* in biological samples.

## 2.9 TOXOPLASMA

### 2.9.1 General evaluation of the national situation

#### 2.9.1.1 Toxoplasma - general evaluation - Involved Area is Animals

History of the disease and/or infection in the country

In 1908, Nicolle and Manceaux first observed toxoplasmosis in rodents but it was only in 1932 that the zoonotic nature of agent *T. gondii* was cleared up as a result of congenital infection of a newborn. In 1939, Wolf and other authors also found the possibility that the disease could develop encephalitis and lead to death. In the 60s the disease was often diagnosed in patients with cancers and in the 80s in those with AIDS. In 2004 the Italian Ministry of Health has established the National Reference Centre for Toxoplasmosis (Ce.Tox) located in Istituto Zooprofilattico Sperimentale della Sicilia. The national surveillance system for infectious diseases transmitted from zoonotic agents categorizes toxoplasmosis, together with Cryptosporidiosis, Borreliosis, Psittacosis and Yersiniosis, zoonoses for which annual aggregate prevalence data must be transmitted, but not among those subjected to mandatory reporting or to special surveillance. This type of information management does not allow to estimate the prevalence of the disease throughout the country whereas Italian researchers are increasingly interested in this topic.

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

For the year 2015, sixteen Regions and the autonomous provinces of Trento and Bolzano have provided data on *Toxoplasma gondii* infection in animals. Compared to 2014, Liguria, Piedmont and Tuscany have transmitted their data to the veterinary informative system, whereas Emilia Romagna has not provided information. Likewise 2014 Calabria and Friuli Venezia Giulia failed to provide any data. A total of 5227 animal samples were examined with 1165 positive results. The overall figure accounts for nearly 50% of that filed for the year 2014 and it overlaps with that recorded in 2013. However the 2014 figure was highly enhanced by the sicilian regional study on animal toxoplasmosis. The infection overall prevalence was 22.3%. This value exceeds that recorded in 2014 (14.4%) but is close to the rate recorded in 2013 (21.2%). The prevalence estimate is merely statistical and is only partially significant because the data transmitted by the Regions lack homogeneity with regards to number of samples and the animal species surveyed. Also in 2015 sampling for toxoplasmosis diagnosis was mainly performed for clinical purposes or in the framework of research activities. As regards the number of controls performed individually by the Regions, also in 2015 figures are highly variable between the Regions and range from a minimum of 2 and 12 controls respectively for Basilicata and Campania to a maximum of 2220 and 1222 controls for Sicily and Abruzzo respectively. Overall positive results ratios for each animal species are as follows: 44/1291 (3,4%) for cattle; 1/17 (0,6%) for horses (including donkeys); 417/912 (45,7%) for sheep; 83/357 (23,2%) for goats; 10/37(27%) for swine; 309/918 (33,7%) for dogs; 238/729 (32,6%) for cats; 43/420 (10,2%) for wild boars; 4/375 (1,1%) for wild ungulates; 16/170 (9,4%) for other species. Compared to 2014, and only for those species for which an appropriate number of controls is available (at least more than 200 units), prevalence rates are almost overlapping for cattle, dogs and cats. Prevalence rates for sheep and goats, although elevated (45.7 and 23.2%, respectively), are only partially comparable with those of 2014 reporting an overall prevalence of 25.9% for both species sometimes referred as a single species by the informative system. Nevertheless data confirms that toxoplasma infection is more prevalent among sheep. Although relative, the large number of the controls carried out on sheep with regards to *Toxoplasma* infection might be due to its role as a major cause of abortion. In contrast, a significant reduction in the number of domestic pigs tested has been reported with an overall figure smaller than that recorded in 2013. Although every meat-producing animal positive to *T. gondii* serologically or to molecular biology assays (Nested-PCR or Real-Time PCR) are for consumers potential sources of *Toxoplasma* infection, pork meat is particularly at risk of harboring vital and viable cysts that can survive when meat is not subject to proper cooking or freezing. Major shortcomings reported in 2014 are still relevant today. Except for a few Regions, a national survey on the prevalence of *T. gondii* infection among animals is still lacking. Such survey should be carried out through a statistically significant sampling that is indicative of the country livestock industry thus allowing a comprehensive assessment of the risk of foodborne infection in Italy. These concerns are particularly relevant given the recent trend of consumers to purchase products from organic agriculture and farming especially from extensive farming that are animal welfare-oriented but often fail to enforce biosecurity measures to prevent the spread of pathogens in the farm. This remark is especially true for swine.

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

Results shown above confirm that all food-producing animals are potential source of foodborne transmission to humans. Nevertheless, the lack of consistency as regard data collection, paucity of information for certain species, the different scientific purposes prompting the research and the lack a central coordinating body for the setting up and performance of controls do not allow to fully establish the relevance of the surveyed species as sources of infection for humans. Furthermore human cases of toxoplasmosis are not yet managed properly in terms of sharing information between medical professionals and veterinarians. In this respect, the sharing of epidemiological information might be instrumental for ascertaining the relevant factors for human infection. To confirm the above also for 2015 no data related to toxoplasmosis cases in humans were transmitted to the SINZOO information system. Therefore it is not possible to comment further on zoonotic transmission to humans.

## Recent actions taken to control the zoonoses

Talks have begun between representatives of the Italian Ministry of Health, of Ce.Tox. (IZS della Sicilia and the developer and manager of the SINZOO online platform for Italy (IZS Abruzzo e Molise) in order to enhance the accuracy of national data collection with regards to toxoplasmosis. By means of the National reference centre for Toxoplasmosis (Ce.Tox.), in Italy an inter-laboratory proficiency test for the serological diagnosis of sheep toxoplasmosis has been set up in order to evaluate the laboratories performance capabilities. The Ce.Tox has also developed and validated an innovative method based on a Real-Time PCR technique for the detection of *Toxoplasma gondii* from biological specimen and food. This method proved to be reliable, quick and sensitive enough to improve the diagnosis in view of a better toxoplasmosis control. The method has been accredited and published in a peer review journal.

## Suggestions to the European Union for the actions to be taken

In 2016 the SINZOO platform has opened up for the collection of data on toxoplasma detection in food and in feedstuff. Nevertheless Regions submitted no information with regards to the categories mentioned above and therefore only the epidemiological development of animal toxoplasmosis can be commented upon. In this respect, regional health authorities should be informed and prompted to train in advance the local health representatives in order to use the new features of the information system. As regards the human section of the database, relevant data cannot be analyzed although transmission of information regarding human toxoplasmosis has been strongly encouraged. Therefore it is impossible to make any comments. Communication of human toxoplasmosis information to the Regions could be useful in order to supply the information system with data. For this purpose, awareness should be raised among health professionals which to date have disregarded this task making the study of toxoplasmosis epidemiological trend along the human/animals interface less comprehensive thereby preventing the enforcement of effective food safety measures. Should the above requirements be met in the future, comments about the data details could be implemented for the benefit of the national and international communities. The European Food Safety Authority (EFSA) also calls for enhancement of the information system with further information regarding analytical methods, the age of sampled animals and the type of breeding system. As regards toxoplasmosis in The European Union summary report on trends and sources of zoonoses, zoonotic agents and food-borne outbreaks in 2014 EFSA repeatedly acknowledges Italy among MS for providing a large number of data useful for estimating the overall prevalence of toxoplasmosis particularly as regards pigs, equids, dogs and cats. This contribution to the International Community has been the results of all Italian Regions and especially of the implementation in Sicily of a survey for the assessment of toxoplasmosis prevalence in various animal species. Once more the importance of controlling toxoplasmosis by means of scheduled and structured surveillance programs is stressed out so as to achieve a more effective collection of data to be used by the health authorities. As regards Italy, a further step could involve the collection of data effectively managed throughout the country. This national prevalence study should be significant and provide accurate epidemiological information on toxoplasmosis in livestock. For this purpose, all available resources should operate synergically with a strict epidemiological approach in order to achieve conclusions based on sound research opposite to the casual investigations carried out in the last few years. Harmonization of the analytical methods performed by official laboratories should be sought in order to obtain comparable results among Regions thus complying with EFSA requirements. Also any positive sample should be submitted to the National Reference Centre for confirmation of the analysis, communication of the diagnosis to the information system and for studying Toxoplasma genotypes distribution in the country. Unlike the recent past, universities and other public research laboratories should also be encouraged to provide data on toxoplasmosis diagnosis.

## Additional information

No accredited test methods were performed by the diagnostic laboratories that submitted data regarding toxoplasmosis.

## 2.9.2 Toxoplasma in animals

### 2.9.2.1 Toxoplasma in animal - Involved Area is Animals

#### Monitoring system

##### Sampling strategy

Sampling was carried out by official veterinarians and private practitioners without a monitoring program set by the Health Ministry or by the Regions

##### Frequency of the sampling

Casual sampling or following clinical symptoms

##### Type of specimen taken

Blood serum, whole blood, muscle, ocular bulb, brain, heart, foetus, foetal membranes

##### Methods of sampling (description of sampling techniques)

During clinical examination, necropsy or in the course of meat hygiene inspection in slaughters

##### Case definition

Animal infected with *T. gondii* infectious forms exhibiting typical symptoms or with subclinical infection and, as regards some species including man, abortion or foetal and neonatal gross pathology findings.

## Diagnostic/analytical methods used

Serological analyses (ELISA, IFI), Molecular biology (Nested-PCR, Real Time PCR), Immunohistochemistry, ELISA from meat juice, latex agglutination.

## Vaccination policy

Does not apply

## Other preventive measures than vaccination in place

Does not apply

## Control program/mechanisms

### The control program/strategies in place

The Ce.Tox e the Sicilian Region scheduled a survey program for animal toxoplasmosis in the regional territory. When filing the 2015 SINZOO comments, the Ce.Tox suggested to the Italian Ministry of Health the extension of a similar investigation throughout the country.

### Recent actions taken to control the zoonoses

Ce.Tox and the Sicilian Region planned a survey on the prevalence of toxoplasmosis in the regional territory. Ce.Tox developed and published an innovative Real-Time PCR based method for the diagnosis of toxoplasmosis. Ce.Tox planned and scheduled an inter-laboratory proficiency test for the serological diagnosis of sheep toxoplasmosis involving official laboratories

### Suggestions to the European Union for the actions to be taken

Drafting of a EU regulation providing guidelines for official controls from sampling to diagnosis in farms, slaughters and in the vegetable food chain.

## Measures in case of the positive findings or single cases

Medical treatment on a voluntary basis

## Notification system in place

The national surveillance system for infectious diseases caused by zoonotic agents includes toxoplasmosis among Cryptosporidiosis, Borreliosis, Psittacosis and Yersiniosis, zoonoses for which annual aggregate prevalence data must be transmitted, but not among those pathologies subject to mandatory reporting or to special surveillance.

## Results of the investigation including the origin of the positive animals

Notification is not mandatory

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

For the year 2015, sixteen Regions and the autonomous provinces of Trento and Bolzano have provided data on *Toxoplasma gondii* infection in animals. Compared to 2014, Liguria, Piedmont and Tuscany have transmitted their data to the veterinary informative system, whereas Emilia Romagna has not provided information. Likewise 2014 Calabria and Friuli Venezia Giulia failed to provide any data. A total of 5227 animal samples were examined with 1165 positive results. The overall figure accounts for nearly 50% of that filed for the year 2014 and it overlaps with that recorded in 2013. However the 2014 figure was highly enhanced by the sicilian regional study on animal toxoplasmosis. The infection overall prevalence was 22.3%. This value exceeds that recorded in 2014 (14.4%) but is close to the rate recorded in 2013 (21.2%). The prevalence estimate is merely statistical and is only partially significant because the data transmitted by the Regions lack homogeneity with regards to number of samples and the animal species surveyed. Also in 2015 sampling for toxoplasmosis diagnosis was mainly performed for clinical purposes or in the framework of research activities. As regards the number of controls performed individually by the Regions, also in 2015 figures are highly variable between the Regions and range from a minimum of 2 and 12 controls respectively for Basilicata and Campania to a maximum of 2220 and 1222 controls for Sicily and Abruzzo respectively. Overall positive results ratios for each animal species are as follows: 44/1291 (3,4%) for cattle; 1/17 (0,6%) for horses (including donkeys); 417/912 (45,7%) for sheep; 83/357 (23,2%) for goats; 10/37(27%) for swine; 309/918 (33,7%) for dogs; 238/729 (32,6%) for cats; 43/420 (10,2%) for wild boars; 4/375 (1,1%) for wild ungulates; 16/170 (9,4%) for other species. Compared to 2014, and only for those species for which an appropriate number of controls is available (at least more than 200 units), prevalence rates are almost overlapping for cattle, dogs and cats. Prevalence rates for sheep and goats, although elevated (45.7 and 23.2%, respectively), are only partially comparable with those of 2014 reporting an overall prevalence of 25.9% for both species sometimes referred as a single species by the informative system. Nevertheless data confirms that toxoplasma infection is more prevalent among sheep. Although relative, the large number of the controls carried out on sheep with regards to *Toxoplasma* infection might be due to its role as a major cause of abortion. In contrast, a significant reduction in the number of domestic pigs tested has been reported with an overall figure smaller than that recorded in 2013. Although every meat-producing animal positive to *T. gondii* serologically or to molecular biology assays (Nested-PCR or Real-Time PCR) are for consumers potential sources of *Toxoplasma* infection, pork meat is particularly at risk of harboring vital and viable cysts that can survive when meat is not subject to proper cooking or freezing. Major shortcomings reported in 2014 are still relevant today. Except for a few Regions, a national survey on the prevalence of *T. gondii* infection among animals is still lacking. Such survey should be carried out through a statistically significant sampling that is indicative of the country livestock industry thus allowing a comprehensive assessment of the risk of foodborne infection in Italy. These concerns are particularly relevant given the recent trend of consumers to purchase products from organic agriculture and farming especially from extensive farming that are animal welfare-oriented but often fail to enforce biosecurity measures to prevent the spread of pathogens in the farm. This remark is especially true for swine.

## Results of the investigation

### Investigations of the human contacts with positive cases

None available in the information system.

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

None available in the information system.

### Additional information

No accredited test methods were performed by the diagnostic laboratories that submitted data regarding toxoplasmosis.

## 2.9.2.2 *Toxoplasma* in animal - Involved Area is Animals

### Monitoring system

#### Sampling strategy

Sampling was carried out by official veterinarians and private practitioners without a monitoring program set by the Health Ministry or by the Regions

#### Sampling strategy

Animals at farm

Sampling was carried out by official veterinarians and private practitioners without a monitoring program set by the Health Ministry or by the Regions



Animals at slaughter (herd based approach)

Sampling was carried out by official veterinarians and private practitioners without a monitoring program set by the Health Ministry or by the Regions

## Frequency of the sampling

Animals at farm

Casual sampling or following clinical symptoms

Animals at slaughter (herd based approach)

Casual sampling or following clinical symptoms

## Type of specimen taken

Animals at farm

Blood serum, whole blood, foetus, foetal membranes

Animals at slaughter (herd based approach)

Blood serum, whole blood, muscle, ocular bulb, brain, heart, foetus, foetal membranes

## Methods of sampling (description of sampling techniques)

Animals at farm

Sampling of blood, foetuses and foetal annexes.

Animals at slaughter (herd based approach)

Sampling of blood, foetuses, foetal annexes, muscle, ocular bulb and brain.

## Case definition

Animals at farm

Animal infected with *T. gondii* infectious forms exhibiting typical symptoms or with subclinical infection and, as regards some species including man, abortion or foetal and neonatal gross pathology findings.

Animals at slaughter (herd based approach)

Animal infected with *T. gondii* infectious forms exhibiting typical symptoms or with subclinical infection and, as regards some species including man, abortion or foetal and neonatal gross pathology findings.

## Diagnostic/analytical methods used

#### Animals at farm

Serological analyses (ELISA, IFI), Molecular biology (Nested-PCR, Real Time PCR), Immunohistochemistry, ELISA from meat juice, latex agglutination.

#### Animals at slaughter (herd based approach)

Serological analyses (ELISA, IFI), Molecular biology (Nested-PCR, Real Time PCR), Immunohistochemistry, ELISA from meat juice, latex agglutination.

#### Vaccination policy

Does not apply

#### Other preventive measures than vaccination in place

Does not apply

#### Control program/mechanisms

##### The control program/strategies in place

The Ce.Tox e the Sicilian Region scheduled a survey program for animal toxoplasmosis in the regional territory. When filing the 2015 SINZOO comments, the Ce.Tox suggested to the Italian Ministry of Health the extension of a similar investigation throughout the country.

##### Recent actions taken to control the zoonoses

Ce.Tox and the Sicilian Region planned a survey on the prevalence of toxoplasmosis in the regional territory. Ce.Tox developed and published an innovative Real-Time PCR based method for the diagnosis of toxoplasmosis. Ce.Tox planned an inter-laboratory proficiency test for the serological diagnosis of sheep toxoplasmosis involving official laboratories

##### Suggestions to the European Union for the actions to be taken

Drafting of a EU regulation providing guidelines for official controls from sampling to diagnosis in farms, slaughters and in the vegetable food chain.

#### Measures in case of the positive findings or single cases

Medical treatment on a voluntary basis

#### Notification system in place

The national surveillance system for infectious diseases caused by zoonotic agents includes toxoplasmosis among Cryptosporidiosis, Borreliosis, Psittacosis and Yersiniosis, zoonoses for which annual aggregate prevalence data must be transmitted, but not among those subject to mandatory reporting or to special surveillance.

#### Results of the investigation

Notification is not mandatory

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

For the year 2015, sixteen Regions and the autonomous provinces of Trento and Bolzano have provided data on *Toxoplasma gondii* infection in animals. Compared to 2014, Liguria, Piedmont and Tuscany have transmitted their data to the veterinary informative system, whereas Emilia Romagna has not provided information. Likewise 2014 Calabria and Friuli Venezia Giulia failed to provide any data. A total of 5227 animal samples were examined with 1165 positive results. The overall figure accounts for nearly 50% of that filed for the year 2014 and it overlaps with that recorded in 2013. However the 2014 figure was highly enhanced by the sicilian regional study on animal toxoplasmosis. The infection overall prevalence was 22.3%. This value exceeds that recorded in 2014 (14.4%) but is close to the rate recorded in 2013 (21.2%). The prevalence estimate is merely statistical and is only partially significant because the data transmitted by the Regions lack homogeneity with regards to number of samples and the animal species surveyed. Also in 2015 sampling for toxoplasmosis diagnosis was mainly performed for clinical purposes or in the framework of research activities. As regards the number of controls performed individually by the Regions, also in 2015 figures are highly variable between the Regions and range from a minimum of 2 and 12 controls respectively for Basilicata and Campania to a maximum of 2220 and 1222 controls for Sicily and Abruzzo respectively. Overall positive results ratios for each animal species are as follows: 44/1291 (3,4%) for cattle; 1/17 (0,6%) for horses (including donkeys); 417/912 (45,7%) for sheep; 83/357 (23,2%) for goats; 10/37(27%) for swine; 309/918 (33,7%) for dogs; 238/729 (32,6%) for cats; 43/420 (10,2%) for wild boars; 4/375 (1,1%) for wild ungulates; 16/170 (9,4%) for other species. Compared to 2014, and only for those species for which an appropriate number of controls is available (at least more than 200 units), prevalence rates are almost overlapping for cattle, dogs and cats. Prevalence rates for sheep and goats, although elevated (45.7 and 23.2%, respectively), are only partially comparable with those of 2014 reporting an overall prevalence of 25.9% for both species sometimes referred as a single species by the informative system. Nevertheless data confirms that toxoplasma infection is more prevalent among sheep. Although relative, the large number of the controls carried out on sheep with regards to *Toxoplasma* infection might be due to its role as a major cause of abortion. In contrast, a significant reduction in the number of domestic pigs tested has been reported with an overall figure smaller than that recorded in 2013. Although every meat-producing animal positive to *T. gondii* serologically or to molecular biology assays (Nested-PCR or Real-Time PCR) are for consumers potential sources of *Toxoplasma* infection, pork meat is particularly at risk of harboring vital and viable cysts that can survive when meat is not subject to proper cooking or freezing. Major shortcomings reported in 2014 are still relevant today. Except for a few Regions, a national survey on the prevalence of *T. gondii* infection among animals is still lacking. Such survey should be carried out through a statistically significant sampling that is indicative of the country livestock industry thus allowing a comprehensive assessment of the risk of foodborne infection in Italy. These concerns are particularly relevant given the recent trend of consumers to purchase products from organic agriculture and farming especially from extensive farming that are animal welfare-oriented but often fail to enforce biosecurity measures to prevent the spread of pathogens in the farm. This remark is especially true for swine.

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

None available in the information system

## Additional information

No accredited test methods were performed by the diagnostic laboratories that submitted data regarding toxoplasmosis.

## 2.10 VTEC

### 2.10.1 General evaluation of the national situation

#### 2.10.1.1 Verotoxigenic E. coli (VTEC) - general evaluation - Involved Area is Animals

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

No monitoring plan for STEC in animals ar active at national level.

### 2.10.2 Escherichia coli in foodstuffs

#### 2.10.2.1 Verotoxigenic E. coli (VTEC) in food - Involved Area is Food

Monitoring system

## Sampling strategy

Monitoring of STEC in foodstuffs is carried out according to the principles and criteria of the general European food law (Reg CE 178/2002; Reg CE/882/2005) whereas no monitoring and control plan are active at the National level. Since 2007 E.coli O157 monitoring in raw milk for direct human consumption has been addressed by a specific State/regions agreement.

## Definition of positive finding

Reference methods for STEC and for E.coli O157 ISO TS 13136:2012 e ISO 16654 provide definition of positive samples. A STEC-positive sample is defined as a sample from which an E.coli producing Stx or harboring the Stx encoding genes has been isolated.

## Diagnostic/analytical methods used

The reference method ISO/TS 13136:2012 (ISO, 2012) and other similar methods based on RealTime PCR have been increasingly used by official laboratories at national level to test food samples for STEC. The method has been subjected to several rounds of interlaboratory studies (ring tests) issued by the NRL with favourable outcomes in recent years. Less frequently used method is the ISO 1665:2001 for E.coli O157.

## **3 FOODBORNE OUTBREAKS**

Foodborne outbreaks are incidences of two or more human cases of the same disease or infection where the cases are linked or are probably linked to the same food source. Situation, in which the observed human cases exceed the expected number of cases and where a same food source is suspected, is also indicative of a foodborne outbreak.

### **3.1 Outbreaks**

#### **3.1.1 Foodborne outbreaks**

System in place for identification, epidemiological investigations and reporting of foodborne outbreaks

The Italian System of compulsory notification for infectious diseases is based on the sending of data from the Regional Health Authorities. The data are validated and acquired in a centralized database. The food-born outbreaks reported in the Italian information system on zoonoses data collection (SINZOO) for 2015 (human cases) are partial as not all regions have reported definitive data at the time of the EFSA report production. It will be useful the integration of the routine surveillance system with the special surveillance systems and with the lab network to improve quality and comparability of the data. The national collection of data is still ongoing and the Communicable Diseases Unit of the Directorate-General of Health Prevention cooperates with the other units of the involved Directorates-General so as to guarantee the proper implementation of the requests by EFSA and EC.

## ANIMAL POPULATION TABLES

Table Susceptible animal population

Animal species	Category of animals	Population			
		holding	animal	slaughter animal (heads)	herd/flock
Cattle (bovine animals)	Cattle (bovine animals) - calves (under 1 year)	473	201,149	300,350	494
	Cattle (bovine animals) - dairy cows	28,420	2,690,202	424,484	29,162
	Cattle (bovine animals) - meat production animals	86,420	2,175,224	1,515,390	89,684
	Cattle (bovine animals) - mixed herds	17,093	529,100	121,337	17,779
Ducks	Ducks - breeding flocks, unspecified	12	23,569	0	29
	Ducks - meat production flocks	93	549,075	0	171
	Ducks - mixed flocks/holdings	0	0	0	0
Gallus gallus (fowl)	Gallus gallus (fowl) - breeding flocks for broiler production line	252	7,435,891	0	830
	Gallus gallus (fowl) - breeding flocks for egg production line	44	817,142	0	99
	Gallus gallus (fowl) - broilers	2,587	153,673,766	0	6,743
	Gallus gallus (fowl) - laying hens	1,563	53,738,711	0	3,125
Geese	Geese - breeding flocks, unspecified	8	12,653	0	21
	Geese - meat production flocks	37	43,730	0	39
	Geese - mixed flocks/holdings	0	0	0	0
Goats	Goats - meat production animals	26,781	296,623	18,601	27,549
	Goats - milk goats	5,336	295,306	17,199	5,664
	Goats - mixed herds	19,256	410,954	26,710	20,579
Pigs	Pigs - breeding animals	22,120	1,790,675	2,147,091	23,933
	Pigs - fattening pigs	11,916	5,862,122	7,671,039	12,447
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption	98,212	234,613	23,869	102,946
Sheep	Sheep - meat production animals	34,638	1,089,548	111,123	35,583
	Sheep - milk ewes	14,334	3,746,783	128,752	16,246
	Sheep - mixed herds	30,546	2,217,642	194,619	32,255
Solipeds, domestic	Solipeds, domestic - horses	134,110	317,196	19,035	143,484
Turkeys	Turkeys - breeding flocks, unspecified	50	732,746	0	244
	Turkeys - meat production flocks	791	13,140,901	0	2,335
	Turkeys - mixed flocks/holdings	0	0	0	0
Water buffalos	Water buffalos - farmed	2,261	383,040	58,575	2,431
Wild boars	Wild boars - farmed	761	3,821	2,774	765

DISEASE STATUS TABLES

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

Region	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
ITALIA	1,120,279	783,449	781,768	781,768	3,564	3,333	3,949
Lazio (NUTS 2006)	66,486	27,851	27,506	27,506	0	0	0
Abruzzo	56,433	37,216	37,110	37,110	74	74	74
Molise	17,155	11,083	11,083	11,083	25	10	25
Campania	192,555	129,823	129,265	129,265	637	637	686
Puglia	186,638	140,696	140,696	140,696	473	465	799
Basilicata	87,160	67,822	67,789	67,789	44	42	42
Calabria	125,178	89,564	89,564	89,564	250	167	245
Sicilia	388,674	279,394	278,755	278,755	2,061	1,938	2,078

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

Region	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
ITALIA	496	13	40,025	32,400	32,288	598
Lazio (NUTS 2006)	0	0	1,890	752	752	0
Abruzzo	9	2	3,731	2,349	2,328	12
Molise	5	0	854	526	526	5
Campania	75	1	10,261	7,383	7,324	91
Puglia	48	6	3,839	3,537	3,537	73
Basilicata	7	1	2,614	2,531	2,529	17
Calabria	69	0	6,932	5,726	5,726	88
Sicilia	283	3	9,904	9,596	9,566	312



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

Region	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 free or officially free suspended, at the end of the period	Number of animals with status free or officially free suspended, at the end of the period	Number of herds with status free, at the end of the period	Number of animals with status free, 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
ITALIA	32,915	813,687	76	667	161	7,952	729	18,095	168	1,995	0	0	31,781	784,978
Lazio (NUTS 2006)	1,498	51,291	14	111	0	0	0	0	2	14	0	0	1,482	51,166
Abruzzo	2,349	37,216	0	0	9	496	3	10	0	0	0	0	2,337	36,710
Molise	526	11,083	0	0	0	0	5	61	0	0	0	0	521	11,022
Campania	7,349	138,300	59	496	27	1,882	200	3,288	82	594	0	0	6,981	132,040
Puglia	3,537	140,696	0	0	14	594	3	232	2	37	0	0	3,518	139,833
Basilicata	2,531	67,822	1	20	0	0	9	251	1	13	0	0	2,520	67,538
Calabria	5,684	89,493	0	0	8	555	60	979	2	12	0	0	5,614	87,947
Sicilia	9,441	277,786	2	40	103	4,425	449	13,274	79	1,325	0	0	8,808	258,722

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

Region	Number of animals serologically tested under investigations of suspect cases	Number of suspended herds under investigations of suspect cases	Number of seropositive animals under investigations of suspect cases	Number of animals positive to BST under investigations of suspect cases	Number of animals positive in microbiological testing under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of herds tested under surveillance	Number of animals tested under surveillance	Total number of herds	Number of infected herds tested under surveillance	Number of herds tested under surveillance by bulk milk	Number of animals or pools tested under surveillance by bulk milk	Number of infected herds tested under surveillance by bulk milk	Number of notified abortions whatever cause	Number of isolations of Brucella infections	Number of abortions due to Brucella abortus	Number of animals tested by microbiology under investigations of suspect cases
ITALIA	2,144	69	21	0	0	63,989	0	2,687,331	18,169	457,669	63,989	0	14,890	588,313	0	710	0	0	67
Piemonte	104	10	17	0	0	9,663	0	334,822	2,031	47,887	9,663	0	397	1,323	0	62	0	0	13
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	17	4	0	0	0	1,015	0	27,213	745	9,172	1,015	0	0	0	0	17	0	0	17
Liguria	0	0	0	0	0	712	0	7,865	470	5,691	712	0	0	0	0	0	0	0	0
Lombardia	0	0	0	0	0	9,951	0	907,453	2,547	165,817	9,951	0	5,495	524,122	0	120	0	0	0
Provincia Autonoma di Bolzano/Bozen (NUTS 2006)	843	50	0	0	0	7,931	0	132,537	768	3,754	7,931	0	4,712	4,712	0	24	0	0	20
Provincia Autonoma di Trento (NUTS 2006)	237	0	0	0	0	1,355	0	34,752	1,355	34,752	1,355	0	0	0	0	36	0	0	0
Veneto (NUTS 2006)	0	0	0	0	0	5,620	0	190,182	874	8,713	5,620	0	783	51,666	0	354	0	0	0
Friuli-Venezia Giulia (NUTS 2006)	0	0	0	0	0	1,233	0	61,056	311	6,077	1,233	0	190	279	0	0	0	0	0
Emilia-Romagna (NUTS 2006)	911	5	4	0	0	5,969	0	514,185	764	12,635	5,969	0	3,300	6,180	0	67	0	0	17
Toscana (NUTS 2006)	0	0	0	0	0	2,296	0	41,829	655	8,280	2,296	0	10	28	0	8	0	0	0
Umbria (NUTS 2006)	0	0	0	0	0	1,540	0	29,115	511	7,941	1,540	0	0	0	0	0	0	0	0
Marche (NUTS 2006)	0	0	0	0	0	1,757	0	37,423	984	18,265	1,757	0	0	0	0	4	0	0	0
Lazio (NUTS 2006)	0	0	0	0	0	4,761	0	143,178	2,544	73,852	4,761	0	0	0	0	0	0	0	0
Abruzzo	0	0	0	0	0	417	0	6,657	336	4,780	417	0	0	0	0	0	0	0	0
Molise	0	0	0	0	0	1,224	0	16,201	1,224	16,201	1,224	0	0	0	0	0	0	0	0
Puglia	0	0	0	0	0	203	0	3,684	203	3,684	203	0	0	0	0	0	0	0	0
Sardegna	32	0	0	0	0	8,342	0	199,179	1,847	30,168	8,342	0	3	3	0	18	0	0	0

Table Ovine or Caprine brucellosis - data on animals - Community co-financed eradication programmes

Region	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
ITALIA	2,664,514	2,292,190	2,255,721	2,141,379	15,819	14,402	17,310
Abruzzo	171,555	159,421	159,421	159,421	2	2	2
Campania	262,120	235,760	224,697	224,697	327	326	335
Puglia	338,146	311,558	311,558	311,558	538	538	796
Basilicata	349,531	276,085	275,776	161,434	7	7	7
Calabria	453,363	381,507	381,507	381,507	1,352	1,331	1,398
Sicilia	1,089,799	927,859	902,762	902,762	13,593	12,198	14,772

Table Ovine or Caprine brucellosis - data on herds - Community co-financed eradication programmes

Region	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
ITALIA	364	30	39,381	38,505	37,497	465
Abruzzo	1	0	4,524	4,474	4,474	1
Campania	34	1	7,260	6,916	6,301	42
Puglia	12	7	3,581	3,523	3,523	15
Basilicata	3	0	6,462	6,462	6,450	4
Calabria	80	1	8,614	8,342	8,342	94
Sicilia	234	21	8,940	8,788	8,407	309

Table Ovine or Caprine brucellosis - data on status of herds at the end of the period - Community co-financed eradication programmes

Region	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 free or officially free suspended, at the end of the period	Number of animals with status free or officially free suspended, at the end of the period	Number of herds with status free, at the end of the period	Number of animals with status free, 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
ITALIA	38,358	2,299,324	672	14,438	156	36,672	822	72,675	593	55,861	6	698	36,109	2,118,980
Abruzzo	4,474	159,421	0	0	0	0	44	299	0	0	0	0	4,430	159,122
Campania	6,874	239,509	615	11,087	15	1,598	320	7,138	86	1,415	0	0	5,838	218,271
Puglia	3,523	311,558	0	0	8	965	1	26	1	300	0	0	3,513	310,267
Basilicata	6,462	286,085	1	207	0	0	2	158	9	102	0	0	6,450	285,618
Calabria	8,339	381,463	0	0	24	3,718	122	5,258	32	1,566	0	0	8,161	370,921
Sicilia	8,686	921,288	56	3,144	109	30,391	333	59,796	465	52,478	6	698	7,717	774,781

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

Region	Number of animals serologically tested under investigations of suspect cases	Number of suspended herds under investigations of suspect cases	Number of seropositive animals under investigations of suspect cases	Number of animals positive in microbiological testing under investigations of suspect cases	Number of herds with status officially free	Number of infected herds	Total number of animals	Number of herds tested under surveillance	Number of animals tested under surveillance	Total number of herds	Number of infected herds tested under surveillance	Number of animals tested by microbiology under investigations of suspect cases
ITALIA	73,408	9	597	15	75,851	10	5,166,830	26,775	1,065,737	75,876	22	541
Piemonte	5	3	5	0	8,708	0	193,411	2,032	63,272	8,708	0	12
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	4	0	0	0	514	0	6,266	151	1,804	514	0	4
Liguria	2,966	0	0	0	2,413	0	24,381	1,166	11,956	2,415	0	0
Lombardia	0	0	0	0	12,774	0	194,825	4,541	66,830	12,774	0	0
Provincia Autonoma di Bolzano/Bozen (NUTS 2006)	6,179	2	0	0	3,876	0	63,643	2,063	6,179	3,876	0	1
Provincia Autonoma di Trento (NUTS 2006)	17	0	0	0	1,233	0	36,724	1,233	36,724	1,233	0	0
Veneto (NUTS 2006)	0	0	0	0	2,752	0	64,738	1,009	24,401	2,752	0	0
Friuli-Venezia Giulia (NUTS 2006)	0	0	0	0	1,228	0	22,154	555	3,118	1,228	0	0
Emilia-Romagna (NUTS 2006)	8	2	1	0	3,222	0	70,684	734	26,002	3,234	0	29
Toscana (NUTS 2006)	0	0	0	0	6,407	0	387,428	2,233	58,520	6,407	0	0
Umbria (NUTS 2006)	0	0	0	0	3,436	0	123,153	918	16,686	3,436	0	0
Marche (NUTS 2006)	0	0	0	0	3,418	0	156,169	1,804	90,330	3,418	0	0
Lazio (NUTS 2006)	0	0	0	0	6,979	7	320,404	2,844	142,586	6,987	15	0
Abruzzo	0	0	0	0	763	0	24,072	676	13,956	763	0	0
Molise	64,122	2	590	15	2,706	3	74,628	2,705	69,738	2,709	7	291
Sardegna	107	0	1	0	15,422	0	3,404,150	2,111	433,635	15,422	0	204

## DISEASE STATUS TABLES

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

Region	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
ITALIA	2,247,338	1,626,209	1,578,124	1,578,124	3,133	3,020	3,639
Piemonte	692,304	332,262	332,262	332,262	80	80	318
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	34,870	33,634	33,634	33,634	0	0	0
Liguria	13,650	12,221	12,209	12,209	0	0	0
Umbria (NUTS 2006)	56,699	45,206	27,082	27,082	0	0	0
Marche (NUTS 2006)	38,617	34,805	34,805	34,805	0	0	0
Lazio (NUTS 2006)	207,437	100,142	99,229	99,229	74	48	171
Abruzzo	55,329	51,142	51,112	51,112	19	19	19
Molise	45,504	37,935	37,935	37,935	8	8	8
Campania	192,555	157,790	156,992	156,992	232	232	378
Puglia	193,916	170,170	170,170	170,170	44	44	44
Basilicata	87,160	82,444	82,411	82,411	0	0	0
Calabria	125,178	105,671	105,671	105,671	106	37	149
Sicilia	388,640	348,708	348,078	348,078	2,565	2,547	2,547
Sardegna	115,479	114,079	86,534	86,534	5	5	5

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

Region	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
ITALIA	396	8	71,298	52,483	51,041	433
Piemonte	4	1	10,643	7,484	7,484	4
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	0	0	1,024	1,015	1,015	0
Liguria	0	0	1,040	828	825	0
Umbria (NUTS 2006)	0	0	2,882	1,540	877	0
Marche (NUTS 2006)	0	0	3,593	1,268	1,268	0
Lazio (NUTS 2006)	12	2	7,573	2,437	2,437	12
Abruzzo	2	0	4,066	3,065	3,056	3
Molise	0	0	2,709	1,748	1,748	1
Campania	21	4	10,261	7,393	7,334	24
Puglia	8	0	4,120	3,995	3,995	10
Basilicata	1	0	2,614	2,562	2,560	2
Calabria	20	1	6,931	5,738	5,738	21
Sicilia	328	0	9,904	9,609	9,587	356
Sardegna	0	0	3,938	3,801	3,117	0

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

Region	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 free or officially free suspended, at the end of the period	Number of animals with status free or officially free suspended, at the end of the period	Number of herds with status free, at the end of the period	Number of animals with status free, 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
ITALIA	54,889	1,724,700	945	30,954	167	8,389	501	15,452	90	2,002	0	0	53,186	1,667,903
Piemonte	7,720	338,453	0	0	1	208	0	0	2	151	0	0	7,717	338,094
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	1,015	33,634	0	0	0	0	0	0	0	0	0	0	1,015	33,634

Region	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 free or officially free suspended, at the end of the period	Number of animals with status free or officially free suspended, at the end of the period	Number of herds with status free, at the end of the period	Number of animals with status free, 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
Liguria	827	12,221	0	0	0	0	0	0	0	0	0	0	827	12,221
Umbria (NUTS 2006)	1,540	45,206	0	0	0	0	0	0	0	0	0	0	1,540	45,206
Marche (NUTS 2006)	1,268	34,805	0	0	0	0	0	0	0	0	0	0	1,268	34,805
Lazio (NUTS 2006)	4,696	193,031	63	2,624	8	292	6	58	10	214	0	0	4,609	189,843
Abruzzo	3,065	51,142	0	0	0	0	3	19	0	0	0	0	3,062	51,123
Molise	1,748	37,935	0	0	1	38	0	0	0	0	0	0	1,747	37,897
Campania	7,430	160,044	59	798	9	856	135	1,580	13	326	0	0	7,214	156,484
Puglia	3,995	170,170	0	0	0	0	16	1,734	1	36	0	0	3,978	168,400
Basilicata	2,562	82,444	1	20	0	0	1	8	1	13	0	0	2,559	82,403
Calabria	5,684	105,586	0	0	5	203	47	806	3	35	0	0	5,629	104,542
Sicilia	9,400	345,766	1	3	143	6,792	293	11,247	60	1,227	0	0	8,903	326,497
Sardegna	3,939	114,263	821	27,509	0	0	0	0	0	0	0	0	3,118	86,754

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

Region	Number of herds with status officially free	Number of infected herds	Total number of animals	Interval between routine tuberculin tests	Number of animals tested with tuberculin routine testing	Number of tuberculin tests carried out before the introduction into the herds	Number of animals with suspicious lesions of tuberculosis examined and submitted to histopathological and bacteriological examinations	Number of animals detected positive in bacteriological examination	Total number of herds
ITALIA	49,460	3	2,947,536		1,130,283	8,633	53	6	49,467
Piemonte	1,943	0	39,729	(1)	21,435	4,845	0	0	1,943
Lombardia	10,052	0	1,145,063	(1)	484,373	0	16	5	10,052
Provincia Autonoma di Bolzano/Bozen (NUTS 2006)	7,931	0	132,537	(1)	345	0	6	0	7,931
Provincia Autonoma di Trento (NUTS 2006)	1,396	0	19,010	(1)	39,010	1,547	0	0	1,396
Veneto (NUTS 2006)	11,535	0	766,858	(1)	305,969	0	26	1	11,535
Friuli-Venezia Giulia (NUTS 2006)	1,233	0	73,237	(1)	3,989	21	1	0	1,233
Emilia-Romagna (NUTS 2006)	5,969	0	514,185	(1)	122,951	866	4	0	5,969
Toscana (NUTS 2006)	2,296	0	67,505	(1)	15,304	15	0	0	2,296
Marche (NUTS 2006)	491	0	8,264	(1)	4,204	214	0	0	491
Lazio (NUTS 2006)	1,791	3	40,233	(1)	20,192	855	0	0	1,794
Abruzzo	423	0	8,506	(1)	6,896	0	0	0	423
Sardegna	4,400	0	132,409	(1)	105,615	270	0	0	4,404



# PREVALENCE TABLES

Table BRUCELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Alpacas - zoo animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Brucella	0
	Alpacas - zoo animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Brucella	0
		herd/flock	1	0	Brucella	0
	Badgers - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	12	0	Brucella	0
	Badgers - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Brucella	0
	Bears - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Brucella	0
	Bears - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Census	animal	1	0	Brucella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Brucella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	144	0	Brucella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	20	0	Brucella	0
	Cantabrian chamois - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	1	0	Brucella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	49	6	Brucella, unspecified sp.	6
		herd/flock	31	0	Brucella	0
	Cattle (bovine animals) - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	19	7	Brucella, unspecified sp.	7
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Brucella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	14	0	Brucella	0
	Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	90	0	Brucella	0
	Deer - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Brucella	0
	Deer - wild - red deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	18	0	Brucella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	50	0	Brucella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	209	0	Brucella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	18	0	Brucella	0
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	27	0	Brucella	0
	Dogs - pet animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	1	Brucella, unspecified sp.	1
	Dogs - pet animals - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	14	3	Brucella, unspecified sp.	3
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	82	20	Brucella, unspecified sp.	20
	Dogs - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	7	0	Brucella	0
	Dolphin - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	10	0	Brucella	0
	Dolphin - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	69	0	Brucella	0
	Foxes - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	20	0	Brucella	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	18	0	Brucella	0
		herd/flock	27	0	Brucella	0
	Goats - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	7	3	Brucella, unspecified sp.	3
	Hares - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	148	0	Brucella	0
	Hares - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Brucella	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Brucella	0
	Mouflons - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Brucella	0
	Mouflons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	6	0	Brucella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	5	0	Brucella	0
	Pigs - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	7	0	Brucella	0
		herd/flock	2	0	Brucella	0
	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	4	0	Brucella	0
	Pigs - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Brucella	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	52	0	Brucella	0
		herd/flock	64	0	Brucella	0
	Sheep - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	19	7	Brucella, unspecified sp.	7
	Steinbock - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	2	0	Brucella	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Brucella	0
		herd/flock	3	0	Brucella	0
	Water buffalos - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	133	2	Brucella, unspecified sp.	2
	Water buffalos - farmed - Farm - Italy - animal sample - Control and eradication programmes - Official sampling - Census	animal	261835	1542	Brucella	1,542
	Wild boars - farmed - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	3	0	Brucella	0
	Wild boars - farmed - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Brucella, unspecified sp.	1
	Wild boars - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	68	31	Brucella, unspecified sp.	31
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	1631	33	Brucella suis - biovar 2	1
					Brucella, unspecified sp.	32
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	7	2	Brucella, unspecified sp.	2
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	25	0	Brucella	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	220	0	Brucella	0
	Wolves - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	18	0	Brucella	0
	Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Census	animal	1	0	Brucella	0

Table BRUCELLA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Brucella	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	132	0	Brucella	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Brucella	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Brucella	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Brucella	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	3473	1441	Brucella abortus	221
							Brucella melitensis	71
							Brucella, unspecified sp.	1,149
	Milk from other animal species or unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Brucella	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1855	256	Brucella melitensis	6
							Brucella, unspecified sp.	250
	Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	21	2	Brucella, unspecified sp.	2
	Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	5	0	Brucella	0
	Milk, cows' - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Brucella	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Brucella	0

Table CAMPYLOBACTER in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Alpacas - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Alpacas - zoo animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Campylobacter	0
	Birds - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Birds - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Campylobacter	0
	Birds - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Campylobacter	0
	Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Campylobacter	0
	Birds - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	184	25	Campylobacter jejuni subsp. jejuni	25
	Birds - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	1	Campylobacter, unspecified sp.	1
	Birds - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	6	0	Campylobacter	0
	Buffalos - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Camels - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Canary - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	97	0	Campylobacter	0
	Canary - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	33	0	Campylobacter	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	89	1	Campylobacter hyointestinalis	1
	Cats - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Campylobacter	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	69	0	Campylobacter	0
	Cats - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	126	0	Campylobacter	0
	Cats - stray cats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	12	0	Campylobacter	0
	Cattle (bovine animals) - breeding bulls - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	0	Campylobacter	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	2	0	Campylobacter	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	0	Campylobacter	0
		herd/flock	57	1	Campylobacter, unspecified sp.	1
		holding	32	2	Campylobacter coli	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	577	2	Campylobacter jejuni	1
					Campylobacter jejuni subsp. jejuni	1
					Campylobacter, unspecified sp.	4
	Cattle (bovine animals) - meat production animals - calves (under 1 year) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	3	1	Campylobacter, unspecified sp.	1
	Cattle (bovine animals) - meat production animals - fattening cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	2	0	Campylobacter	0
	Cattle (bovine animals) - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Corvids, unspecified - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	12	0	Campylobacter	0
	Corvids, unspecified - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	2	Campylobacter, unspecified sp.	2
	Crows - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	4	1	Campylobacter, unspecified sp.	1
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	8	0	Campylobacter	0
	Deer - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	38	0	Campylobacter	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	195	7	Campylobacter jejuni	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	195	7	Campylobacter jejuni subsp. jejuni	5
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Dogs - pet animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Campylobacter	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	237	1	Campylobacter jejuni	1
	Dogs - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	148	0	Campylobacter	0
	Dogs - stray dogs - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	28	0	Campylobacter	0
	Dromedaries - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Ducks - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Campylobacter	0
	Ferrets - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	11	0	Campylobacter	0
	Foxes - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Campylobacter	0
	Foxes - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	97	2	Campylobacter jejuni subsp. jejuni	2
	Foxes - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Campylobacter	0
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	8	4	Campylobacter, unspecified sp.	4
	Gallus gallus (fowl) - laying hens - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	16	6	Campylobacter jejuni	5
					Campylobacter, unspecified sp.	1
	Gallus gallus (fowl) - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Giraffes - zoo animal - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Campylobacter	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
		herd/flock	50	0	Campylobacter	0
		holding	4	0	Campylobacter	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	11	0	Campylobacter	0
		herd/flock	6	0	Campylobacter	0
	Goats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Campylobacter	0
	Goats - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	15	0	Campylobacter	0
	Ground hornbills - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Guinea pigs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	1	Campylobacter coli	1
	Gulls - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Campylobacter	0
	Hares - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Campylobacter	0
	Hares - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	34	0	Campylobacter	0
	Hedgehogs - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	17	0	Campylobacter	0
	Monkeys - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	12	0	Campylobacter	0
	Monkeys - zoo animal - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Campylobacter	0
	Mouflons - wild - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Campylobacter	0
	Mouflons - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Campylobacter	0
	Parrots - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Campylobacter	0
	Parrots - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Campylobacter	0
	Parrots - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Parrots - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Campylobacter	0
	Passeriformes, unspecified - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Pheasants - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	24	5	Campylobacter, unspecified sp.	5
	Pigeons - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	10	2	Campylobacter, unspecified sp.	2
	Pigeons - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	77	8	Campylobacter jejuni	5
					Campylobacter jejuni subsp. jejuni	3

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Pigeons - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Pigeons - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	12	2	Campylobacter hyointestinalis	1
					Campylobacter jejuni	1
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	8	0	Campylobacter	0
	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Campylobacter	0
	Poultry, unspecified - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	22	0	Campylobacter	0
	Poultry, unspecified - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Poultry, unspecified - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Campylobacter	0
	Psittacidae - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Rabbits - farmed - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	12	1	Campylobacter jejuni	1
	Rabbits - farmed - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	27	0	Campylobacter	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Campylobacter, unspecified sp.	1
	Rabbits - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Campylobacter	0
	Ratites (ostrich, emu, nandu) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	2	Campylobacter, unspecified sp.	2
	Reptiles - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Campylobacter	0
	Reptiles - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Campylobacter	0
		herd/flock	265	17	Campylobacter, unspecified sp.	17
		holding	7	1	Campylobacter, unspecified sp.	1
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Campylobacter	0
		herd/flock	141	0	Campylobacter	0
	Sheep - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Snakes - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Campylobacter	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Campylobacter	0
		herd/flock	2	0	Campylobacter	0
	Solipeds, domestic - donkeys - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Campylobacter	0
		herd/flock	2	0	Campylobacter	0
		holding	1	1	Campylobacter, unspecified sp.	1
	Solipeds, domestic - horses - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Campylobacter	0
	Steinbock - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Campylobacter	0
	Swans - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Campylobacter	0
	Turtles - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	167	0	Campylobacter	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	3	0	Campylobacter	0
		holding	1	0	Campylobacter	0
	Wild boars - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Campylobacter	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	253	13	Campylobacter jejuni	3
					Campylobacter jejuni subsp. jejuni	5
					Campylobacter, unspecified sp.	5
	Wild boars - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	13	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Wolves - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Campylobacter	0

Table 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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	All foodstuffs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	32	0	Campylobacter	0
	All foodstuffs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	7	2	Campylobacter, unspecified sp.	2
	Beverages, non-alcoholic - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	10	0	Campylobacter	0
	Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	10	0	Campylobacter	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	3	0	Campylobacter	0
	Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	45	0	Campylobacter	0
	Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	57	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	18	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	15	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	31	0	Campylobacter	0
	Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	2	0	Campylobacter	0
	Crustaceans - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Campylobacter	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	35	0	Campylobacter	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	28	0	Campylobacter	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Campylobacter	0
	Egg products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Egg products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Eggs - table eggs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Fats and oils (excluding butter) - fats - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Campylobacter	0
	Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Campylobacter	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Campylobacter	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Campylobacter	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Campylobacter	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	0	Campylobacter	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Campylobacter	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	13	0	Campylobacter	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	11	0	Campylobacter	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	28	0	Campylobacter	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	21	0	Campylobacter	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	6	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	3	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - minced meat - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from geese - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	1	Campylobacter, unspecified sp.	1
	Meat from other animal species or not specified - carcase - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - carcase - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Campylobacter	0
	Meat from other animal species or not specified - carcase - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	23	2	Campylobacter coli	2
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	67	1	Campylobacter coli	1
	Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Campylobacter	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	86	6	Campylobacter coli	1
							Campylobacter, unspecified sp.	5
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	93	1	Campylobacter, unspecified sp.	1
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Campylobacter	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	22	1	Campylobacter coli	1
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	64	15	Campylobacter, unspecified sp.	15
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	9	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	9	3	Campylobacter coli	1
							Campylobacter jejuni	2
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Campylobacter	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Campylobacter	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Campylobacter	0
	Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Campylobacter	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	40	0	Campylobacter	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Campylobacter	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	7	0	Campylobacter	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	34	0	Campylobacter	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	50	0	Campylobacter	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	50	0	Campylobacter	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	11	0	Campylobacter	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	16	0	Campylobacter	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	51	0	Campylobacter	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from pig - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Campylobacter	0
	Meat from pig - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	23	0	Campylobacter	0
	Meat from pig - minced meat - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from pig - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Campylobacter	0
	Meat from pig - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	23	0	Campylobacter	0
	Meat from poultry, unspecified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Campylobacter	0
	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	2	Campylobacter, unspecified sp.	2
	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Campylobacter	0
	Meat from poultry, unspecified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	32	17	Campylobacter, unspecified sp.	17
	Meat from poultry, unspecified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	1	Campylobacter, unspecified sp.	1
	Meat from poultry, unspecified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from poultry, unspecified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from poultry, unspecified - minced meat - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from poultry, unspecified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	3	Campylobacter, unspecified sp.	3
	Meat from rabbit - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Campylobacter	0
	Meat from rabbit - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from rabbit - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Campylobacter	0
	Meat from sheep - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Campylobacter	0
	Meat from turkey - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Meat from turkey - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	1	Campylobacter, unspecified sp.	1
	Meat from turkey - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from turkey - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	9	1	Campylobacter, unspecified sp.	1
	Meat from wild boar - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Milk from other animal species or unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	18	0	Campylobacter	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	18	10	Campylobacter, unspecified sp.	10
	Milk from other animal species or unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	6	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	29	1	Campylobacter coli	1
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	15	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	18	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	428	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	15	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	292	3	Campylobacter jejuni	1
							Campylobacter jejuni subsp. jejuni	1
							Campylobacter, unspecified sp.	1
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	6	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	243	1	Campylobacter, unspecified sp.	1
	Milk from other animal species or unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Campylobacter	0
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Campylobacter	0
	Milk, cows' - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	3	0	Campylobacter	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Campylobacter	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	11	0	Campylobacter	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	91	0	Campylobacter	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	189	1	Campylobacter, unspecified sp.	1
	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	Campylobacter	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Milk, goats' - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Campylobacter	0
	Milk, goats' - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	77	0	Campylobacter	0
	Milk, sheep's - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	35	0	Campylobacter	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	6	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	14	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	53	1	Campylobacter, unspecified sp.	1
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	12	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	27	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Campylobacter	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Campylobacter	0
	Sauce and dressings - mayonnaise - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Sweets - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Campylobacter	0
	Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Campylobacter	0
	Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Campylobacter	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	13	0	Campylobacter	0
	Water - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Campylobacter	0



Table COXIELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	N of clinical affected herds	Zoonoses	N of units positive
ITALIA	Badgers - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0		Coxiella	0
	Camels - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0		Coxiella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0		Coxiella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0		Coxiella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	6	0		Coxiella	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	10	0		Coxiella	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0		Coxiella	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	2	0	0	Coxiella	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	11	0		Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	541	0		Coxiella	0
		herd/flock	286	4	0	Coxiella spp., unspecified	4
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	133	0		Coxiella	0
		herd/flock	21	1	0	Coxiella burnetii	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	8	0		Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	153	0	0	Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	10	0		Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	8	0		Coxiella	0
		herd/flock	2	0	0	Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	19	0		Coxiella	0
		herd/flock	12	0	0	Coxiella	0
		holding	19	0		Coxiella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	571	0		Coxiella	0
		herd/flock	700	33	0	Coxiella spp., unspecified	33
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	50	4	0	Coxiella burnetii	4
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	583	0		Coxiella	0
		herd/flock	65	2	0	Coxiella spp., unspecified	2
	Cattle (bovine animals) - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	5	1		Coxiella burnetii	1
	Cattle (bovine animals) - meat production animals - calves (under 1 year) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	0	0	Coxiella	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0		Coxiella	0
	Cattle (bovine animals) - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	688	0		Coxiella	0
	Cattle (bovine animals) - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	30	0		Coxiella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	N of clinical affected herds	Zoonoses	N of units positive
ITALIA	Cattle (bovine animals) - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	4	0		Coxiella	0
	Crows - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	11	0		Coxiella	0
	Deer - wild - red deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0		Coxiella	0
	Deer - wild - red deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0		Coxiella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	10	0		Coxiella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	4	0		Coxiella	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	83	6		Coxiella spp., unspecified	6
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0		Coxiella	0
	Dolphin - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	16	0		Coxiella	0
	Foxes - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0		Coxiella	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	35	1		Coxiella spp., unspecified	1
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	19	0		Coxiella	0
		herd/flock	3	0	0	Coxiella	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	14	0		Coxiella	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	3	1	0	Coxiella burnetii	1
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	13	0		Coxiella	0
		herd/flock	69	35	0	Coxiella spp., unspecified	35
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0		Coxiella	0
		herd/flock	22	3	0	Coxiella burnetii	3
		holding	1	0		Coxiella	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	88	0		Coxiella	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	11	1	0	Coxiella burnetii	1
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	26	0		Coxiella	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	187	61		Coxiella spp., unspecified	61
		herd/flock	50	1	0	Coxiella spp., unspecified	1
	Goats - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	3	2		Coxiella burnetii	2
	Goats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	0		Coxiella	0
	Goats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0		Coxiella	0
	Goats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0		Coxiella	0
	Goats - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	13	0		Coxiella	0
	Goats - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	64	0		Coxiella	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0		Coxiella	0
	Mouflons - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0		Coxiella	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0		Coxiella	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	3	0	0	Coxiella	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	0	0	Coxiella	0
	Pigs - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	6	0		Coxiella	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	79	7		Coxiella spp., unspecified	7

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	N of clinical affected herds	Zoonoses	N of units positive
ITALIA	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	10	0	0	Coxiella	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	20	5		Coxiella spp., unspecified	5
		herd/flock	583	1	0	Coxiella burnetii	1
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0		Coxiella	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	13	0		Coxiella	0
		herd/flock	181	15	0	Coxiella spp., unspecified	15
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	9	0		Coxiella	0
		herd/flock	86	10	0	Coxiella burnetii	2
						Coxiella spp., unspecified	8
		holding	3	0		Coxiella	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	7	0	0	Coxiella	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	5	2	0	Coxiella burnetii	2
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	3	0	0	Coxiella	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	849	239		Coxiella spp., unspecified	239
		herd/flock	551	22	0	Coxiella spp., unspecified	22
	Sheep - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	6	1		Coxiella burnetii	1
	Sheep - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0		Coxiella	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	0	0	Coxiella	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0		Coxiella	0
	Solipeds, domestic - donkeys - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0		Coxiella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	0	0	Coxiella	0
		animal	1	0		Coxiella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	13	0		Coxiella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	2	0	0	Coxiella	0
		animal	68	0		Coxiella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0		Coxiella	0
	Solipeds, domestic - horses - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0		Coxiella	0
	Squirrels - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0		Coxiella	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	0	0	Coxiella	0
		animal	5	0		Coxiella	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	3	0	0	Coxiella	0
	Water buffalos - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	233	5		Coxiella spp., unspecified	5
	Wild boars - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	39	0		Coxiella	0
	Wolves - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0		Coxiella	0

Table CRONOBACTER in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses made from cows' milk - curd - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	34	0	Cronobacter	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	414	0	Cronobacter	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	44	0	Cronobacter	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Cronobacter	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	25	0	Cronobacter	0
	Infant formula - liquid - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Cronobacter	0
	Infant formula - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Cronobacter	0
	Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	52	0	Cronobacter	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	36	0	Cronobacter	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	2	Cronobacter sakazakii	2
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	25	0	Cronobacter	0

Table ECHINOCOCCUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughte r animal batch	70	0	Echinococcus	0
	Cattle (bovine animals) - breeding bulls - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	slaughte r animal batch	1	0	Echinococcus	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Census	slaughte r animal batch	7	7	Echinococcus granulosus complex	7
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/floc k	23	0	Echinococcus	0
	Cattle (bovine animals) - meat production animals - calves (under 1 year) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughte r animal batch	461	0	Echinococcus	0
	Cattle (bovine animals) - meat production animals - fattening cows - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
	Cattle (bovine animals) - meat production animals - suckler cows - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	28408 3	1185	Echinococcus granulosus complex	7
					Echinococcus, unspecified sp.	1,178
		slaughte r animal batch	26567	1147	Echinococcus, unspecified sp.	1,147
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
		herd/floc k	1	1	Echinococcus, unspecified sp.	1
		holding	1	1	Echinococcus, unspecified sp.	1
		slaughte r animal batch	1	1	Echinococcus, unspecified sp.	1
	Cattle (bovine animals) - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census	slaughte r animal batch	60509 7	1794	Echinococcus granulosus complex	502
					Echinococcus, unspecified sp.	1,292
	Cattle (bovine animals) - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Echinococcus	0
		herd/floc k	2	0	Echinococcus	0
		holding	2	0	Echinococcus	0
		slaughte r animal batch	3	1	Echinococcus, unspecified sp.	1
	Cattle (bovine animals) - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	slaughte r animal batch	1	1	Echinococcus, unspecified sp.	1
	Cattle (bovine animals) - young cattle (1-2 years) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughte r animal batch	1069	0	Echinococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Deer - wild - fallow deer - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughte r animal batch	36	0	Echinococcus	0
	Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	18	0	Echinococcus	0
	Deer - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	135	0	Echinococcus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	8	0	Echinococcus granulosus complex	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	3	Echinococcus granulosus complex	3
	Goats - animals over 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	95	0	Echinococcus	0
		slaughte r animal batch	30	0	Echinococcus	0
	Goats - animals under 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	4114	0	Echinococcus	0
		slaughte r animal batch	302	0	Echinococcus	0
	Goats - Farm - Italy - animal sample - Monitoring - Official sampling - Census	animal	2	2	Echinococcus granulosus complex	2
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/floc k	300	10	Echinococcus, unspecified sp.	10
	Goats - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	2	Echinococcus granulosus complex	2
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	53034	59	Echinococcus granulosus complex	9
					Echinococcus, unspecified sp.	50
		slaughte r animal batch	3285	506	Echinococcus, unspecified sp.	506
	Goats - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	slaughte r animal batch	1	1	Echinococcus, unspecified sp.	1
	Goats - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Echinococcus	0
		herd/floc k	2	0	Echinococcus	0
		holding	2	0	Echinococcus	0
		slaughte r animal batch	1	1	Echinococcus, unspecified sp.	1
			2	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	slaughte r animal batch	1	1	Echinococcus, unspecified sp.	1
	Pigs - breeding animals - unspecified - sows - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	154	0	Echinococcus	0
	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/floc k	891	0	Echinococcus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - Monitoring - Official sampling - Census	animal	284	0	Echinococcus	0
		slaughte r animal batch	162	0	Echinococcus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	11186	0	Echinococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Pigs - fattening pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	125	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1548665	38	Echinococcus, unspecified sp.	38
		slaughter animal batch	95896	161	Echinococcus, unspecified sp.	161
	Pigs - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Echinococcus	0
		herd/flock	2	0	Echinococcus	0
		holding	2	0	Echinococcus	0
		slaughter animal batch	2	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	slaughter animal batch	1	1	Echinococcus, unspecified sp.	1
	Sheep - animals over 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	2231	60	Echinococcus, unspecified sp.	60
		slaughter animal batch	19	0	Echinococcus	0
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	2743	0	Echinococcus	0
		slaughter animal batch	202	0	Echinococcus	0
	Sheep - Farm - Italy - animal sample - Monitoring - Official sampling - Census	animal	821	494	Echinococcus granulosus complex	494
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	3125	43	Echinococcus, unspecified sp.	43
	Sheep - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	3	2	Echinococcus granulosus complex	2
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	330057	3416	Echinococcus granulosus complex	16
					Echinococcus, unspecified sp.	3,400
		slaughter animal batch	187311	34091	Echinococcus, unspecified sp.	34,091
	Sheep - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
		herd/flock	1	1	Echinococcus, unspecified sp.	1
		holding	1	1	Echinococcus, unspecified sp.	1
		slaughter animal batch	1	1	Echinococcus, unspecified sp.	1
	Sheep - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	3	1	Echinococcus, unspecified sp.	1
		herd/flock	3	1	Echinococcus, unspecified sp.	1
		holding	1	1	Echinococcus, unspecified sp.	1
			2	0	Echinococcus	0
		slaughter animal batch	3	1	Echinococcus, unspecified sp.	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Sheep - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
		herd/flock	1	1	Echinococcus, unspecified sp.	1
		holding	1	1	Echinococcus, unspecified sp.	1
		slaughter animal batch	1	1	Echinococcus, unspecified sp.	1
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	2476	0	Echinococcus	0
		slaughter animal batch	902	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Echinococcus	0
		herd/flock	2	0	Echinococcus	0
		holding	2	0	Echinococcus	0
		slaughter animal batch	2	0	Echinococcus	0
	Water buffalos - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	27022	28	Echinococcus, unspecified sp.	28
	Wild boars - farmed - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	228	0	Echinococcus	0
	Wild boars - farmed - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	41	0	Echinococcus	0
		slaughter animal batch	25	0	Echinococcus	0
	Wild boars - farmed - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
Savona	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Census	animal	4313	87	Echinococcus, unspecified sp.	87
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	14	7	Echinococcus, unspecified sp.	7
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	20548	32	Echinococcus granulosus complex	32
		slaughter animal batch	13	0	Echinococcus	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	592	0	Echinococcus	0
		slaughter animal batch	253	0	Echinococcus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	21	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	461	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	281	0	Echinococcus	0
	Wild boars - farmed - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	25	0	Echinococcus	0
Genova (NUTS level 3)	Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	70	0	Echinococcus	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Genova (NUTS level 3)	Cattle (bovine animals) - meat production animals - calves (under 1 year) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	461	0	Echinococcus	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	1403	0	Echinococcus	0
	Cattle (bovine animals) - young cattle (1-2 years) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	1069	0	Echinococcus	0
	Deer - wild - fallow deer - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	36	0	Echinococcus	0
	Goats - animals over 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	30	0	Echinococcus	0
	Goats - animals under 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	302	0	Echinococcus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	141	0	Echinococcus	0
	Pigs - fattening pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	125	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	113	0	Echinococcus	0
	Sheep - animals over 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	19	0	Echinococcus	0
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	202	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughtering animal batch	6	0	Echinococcus	0
Lombardia	Cattle (bovine animals) - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census	slaughtering animal batch	605097	1794	Echinococcus granulosus complex	502
					Echinococcus, unspecified sp.	1,292
Provincia Autonoma di Bolzano/Bozen (NUTS 2006)	Goats - animals under 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	4114	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	5878	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	7493	0	Echinococcus	0
	Sheep - animals under 1 year (lambs) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	2743	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	8818	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	240	0	Echinococcus	0
Provincia Autonoma di Trento (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	11271	1	Echinococcus, unspecified sp.	1
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1341	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	78047	1	Echinococcus, unspecified sp.	1
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	974	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	85	0	Echinococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Pordenone (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	4491	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	510	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	67324	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1528	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	259	0	Echinococcus	0
Udine (NUTS 2006)	Goats - animals over 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	66	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	48643	0	Echinococcus	0
	Sheep - animals over 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	85	2	Echinococcus, unspecified sp.	2
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	32	0	Echinococcus	0
Trieste (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	110	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	121	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1180	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	80	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1	0	Echinococcus	0
Reggio nell'Emilia (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	40483	2	Echinococcus, unspecified sp.	2
	Goats - animals over 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	18	0	Echinococcus	0
	Sheep - animals over 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1799	58	Echinococcus, unspecified sp.	58
Ravenna (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	31893	5	Echinococcus, unspecified sp.	5
	Goats - animals over 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	11	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	67808 4	1	Echinococcus, unspecified sp.	1
	Sheep - animals over 1 year - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	347	0	Echinococcus	0
Massa-Carrara (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	6785	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	72	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1217	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	372	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	179	0	Echinococcus	0
Lucca (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	3972	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	227	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1091	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	2783	12	Echinococcus, unspecified sp.	12
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1	0	Echinococcus	0
Pistoia (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	2776	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	396	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	13031 2	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	7095	0	Echinococcus	0
Firenze (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	6830	0	Echinococcus	0
	Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	9	0	Echinococcus	0
	Deer - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	7	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	97	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	8724	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	3718	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	78	0	Echinococcus	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	205	0	Echinococcus	0
Livorno (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	701	0	Echinococcus	0
	Deer - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	5	0	Echinococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Livorno (NUTS 2006)	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	4	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	2085	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	313	0	Echinococcus	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	146	0	Echinococcus	0
Pisa (NUTS 2006)	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	57032	0	Echinococcus	0
Arezzo (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	5155	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	243	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	28396	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	7648	233	Echinococcus, unspecified sp.	233
Siena (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1040	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	16	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	8840	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	977	2	Echinococcus, unspecified sp.	2
Grosseto (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	9667	0	Echinococcus	0
	Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	9	0	Echinococcus	0
	Deer - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	123	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	3	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	5691	2	Echinococcus, unspecified sp.	2
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	4919	5	Echinococcus, unspecified sp.	5
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	2	0	Echinococcus	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	710	0	Echinococcus	0
Umbria (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	4560	5	Echinococcus granulosus complex	5
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	365	9	Echinococcus granulosus complex	9
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	298769	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	7721	16	Echinococcus granulosus complex	16
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	28	0	Echinococcus	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	9066	32	Echinococcus granulosus complex	32
Marche (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	18837	2	Echinococcus granulosus complex	2
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	537	0	Echinococcus	0
	Pigs - breeding animals - unspecified - sows - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	154	0	Echinococcus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	11186	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	77130	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	33990	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	123	0	Echinococcus	0
	Water buffalos - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	46	0	Echinococcus	0
	Wild boars - farmed - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	41	0	Echinococcus	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	10420	0	Echinococcus	0
Viterbo (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	10691	18	Echinococcus, unspecified sp.	18
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	271	5	Echinococcus, unspecified sp.	5
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	14710	3	Echinococcus, unspecified sp.	3
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	57991	1932	Echinococcus, unspecified sp.	1,932

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Viterbo (NUTS 2006)	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	32	0	Echinococcus	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Census	animal	928	11	Echinococcus, unspecified sp.	11
Rieti (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	8579	397	Echinococcus, unspecified sp.	397
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	8799	31	Echinococcus, unspecified sp.	31
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	53536	911	Echinococcus, unspecified sp.	911
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	214	0	Echinococcus	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Census	animal	3098	76	Echinococcus, unspecified sp.	76
Roma (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	4956	47	Echinococcus, unspecified sp.	47
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	65	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	14601	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	3910	37	Echinococcus, unspecified sp.	37
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1084	0	Echinococcus	0
Latina (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	5742	11	Echinococcus, unspecified sp.	11
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	1321	0	Echinococcus	0
	Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - Monitoring - Official sampling - Census	animal	284	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	308	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	44293	0	Echinococcus	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	13	0	Echinococcus	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Census	animal	287	0	Echinococcus	0
Frosinone (NUTS 2006)	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	24697	139	Echinococcus, unspecified sp.	139
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	2997	11	Echinococcus, unspecified sp.	11
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	10189	0	Echinococcus	0
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	38651	107	Echinococcus, unspecified sp.	107
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	106	0	Echinococcus	0
Abruzzo	Goats - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	2	Echinococcus granulosus complex	2
	Sheep - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	3	2	Echinococcus granulosus complex	2
	Wild boars - farmed - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	12	7	Echinococcus, unspecified sp.	7
Molise	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Echinococcus	0
Campania	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	80847	558	Echinococcus, unspecified sp.	558
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	38570	34	Echinococcus, unspecified sp.	34
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	50740	161	Echinococcus, unspecified sp.	161
	Water buffalos - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	animal	26976	28	Echinococcus, unspecified sp.	28
Potenza	Cattle (bovine animals) - breeding bulls - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	slaughter animal batch	1	0	Echinococcus	0
	Cattle (bovine animals) - meat production animals - fattening cows - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
	Cattle (bovine animals) - meat production animals - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
	Cattle (bovine animals) - meat production animals - suckler cows - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
		herd/flock	1	1	Echinococcus, unspecified sp.	1
		holding	1	1	Echinococcus, unspecified sp.	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Potenza	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	slaughter animal batch	1	1	Echinococcus, unspecified sp.	1
	Cattle (bovine animals) - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Echinococcus	0
		herd/flock	2	0	Echinococcus	0
		holding	2	0	Echinococcus	0
		slaughter animal batch	3	1	Echinococcus, unspecified sp.	1
	Cattle (bovine animals) - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	slaughter animal batch	1	1	Echinococcus, unspecified sp.	1
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	slaughter animal batch	1	1	Echinococcus, unspecified sp.	1
	Goats - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Echinococcus	0
		herd/flock	2	0	Echinococcus	0
		holding	2	0	Echinococcus	0
		slaughter animal batch	1	1	Echinococcus, unspecified sp.	1
			2	0	Echinococcus	0
	Goats - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	slaughter animal batch	1	1	Echinococcus, unspecified sp.	1
	Pigs - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Echinococcus	0
		herd/flock	2	0	Echinococcus	0
		holding	2	0	Echinococcus	0
		slaughter animal batch	2	0	Echinococcus	0
	Pigs - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	slaughter animal batch	1	1	Echinococcus, unspecified sp.	1
	Sheep - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1
		herd/flock	1	1	Echinococcus, unspecified sp.	1
		holding	1	1	Echinococcus, unspecified sp.	1
		slaughter animal batch	1	1	Echinococcus, unspecified sp.	1
	Sheep - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	3	1	Echinococcus, unspecified sp.	1
		herd/flock	3	1	Echinococcus, unspecified sp.	1
		holding	1	1	Echinococcus, unspecified sp.	1
			2	0	Echinococcus	0
		slaughter animal batch	3	1	Echinococcus, unspecified sp.	1
	Sheep - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Echinococcus, unspecified sp.	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Potenza	Sheep - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	herd/flock	1	1	Echinococcus, unspecified sp.	1
		holding	1	1	Echinococcus, unspecified sp.	1
		slaughter animal batch	1	1	Echinococcus, unspecified sp.	1
	Solipeds, domestic - horses - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Echinococcus	0
		herd/flock	2	0	Echinococcus	0
		holding	2	0	Echinococcus	0
		slaughter animal batch	2	0	Echinococcus	0
Matera	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Echinococcus	0
Trapani	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	3	0	Echinococcus	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	234	4	Echinococcus, unspecified sp.	4
Palermo (NUTS level 3)	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	21	0	Echinococcus	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	630	1	Echinococcus, unspecified sp.	1
Messina	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	23	0	Echinococcus	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	180	6	Echinococcus, unspecified sp.	6
	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	891	0	Echinococcus	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	1029	18	Echinococcus, unspecified sp.	18
	Wild boars - farmed - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	228	0	Echinococcus	0
Agrigento	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	9	2	Echinococcus, unspecified sp.	2
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	371	10	Echinococcus, unspecified sp.	10
Caltanissetta	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	51	2	Echinococcus, unspecified sp.	2
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	285	3	Echinococcus, unspecified sp.	3
Enna	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	3	0	Echinococcus	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	156	1	Echinococcus, unspecified sp.	1
Catania	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	261	2	Echinococcus, unspecified sp.	2
Ragusa	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	33	0	Echinococcus	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	3	0	Echinococcus	0
Siracusa	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	156	4	Echinococcus, unspecified sp.	4

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Sardegna	Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	7	7	Echinococcus granulosus complex	7
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	24572	1147	Echinococcus, unspecified sp.	1,147
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	3	Echinococcus granulosus complex	3
	Goats - Farm - Italy - animal sample - Monitoring - Official sampling - Census	animal	2	2	Echinococcus granulosus complex	2
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	3032	506	Echinococcus, unspecified sp.	506
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	95322	161	Echinococcus, unspecified sp.	161
	Sheep - Farm - Italy - animal sample - Monitoring - Official sampling - Census	animal	821	494	Echinococcus granulosus complex	494
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	187030	34091	Echinococcus, unspecified sp.	34,091
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census	slaughter animal batch	896	0	Echinococcus	0

Table ESCHERICHIA COLI in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	6	0	Verocytotoxigenic E. coli (VTEC)	0
	Bears - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	28	0	Verocytotoxigenic E. coli (VTEC)	0
	Birds - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	4	0	Verocytotoxigenic E. coli (VTEC)	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	20	0	Verocytotoxigenic E. coli (VTEC)	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	12	1	VTEC O157	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	19	0	Verocytotoxigenic E. coli (VTEC)	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	32	1	VTEC, unspecified	1
		herd/flock	1	1	VTEC, unspecified	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	22	0	Verocytotoxigenic E. coli (VTEC)	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	78	37	VTEC O1	15
					VTEC O2	34
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	29	3	VTEC, unspecified	3
	Cattle (bovine animals) - Farm - Italy - environmental sample - Monitoring - Official sampling - Not specified	herd/flock	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cattle (bovine animals) - meat production animals - calves (under 1 year) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	12	0	Verocytotoxigenic E. coli (VTEC)	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	12	0	Verocytotoxigenic E. coli (VTEC)	0
	Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Deer - wild - red deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	53	3	VTEC O2	3
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	130	0	Verocytotoxigenic E. coli (VTEC)	0
	Dogs - pet animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	54	0	Verocytotoxigenic E. coli (VTEC)	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dogs - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Gallus gallus (fowl) - broilers - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Gallus gallus (fowl) - laying hens - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	11	0	Verocytotoxigenic E. coli (VTEC)	0
	Gallus gallus (fowl) - unspecified - day-old chicks - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Geese - unspecified - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	12	0	Verocytotoxigenic E. coli (VTEC)	0
	Goats - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Guinea pigs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Verocytotoxigenic E. coli (VTEC)	0
	Monkeys - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Mouflons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Peafowl - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	13	0	Verocytotoxigenic E. coli (VTEC)	0
	Pheasants - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	19	0	Verocytotoxigenic E. coli (VTEC)	0
	Pheasants - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Pigeons - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Pigs - breeding animals - unspecified - piglets - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	8	0	Verocytotoxigenic E. coli (VTEC)	0
	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	91	0	Verocytotoxigenic E. coli (VTEC)	0
	Rats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	31	0	Verocytotoxigenic E. coli (VTEC)	0
	Sheep - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	93	7	VTEC, unspecified	7
	Sheep - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock	7	0	Verocytotoxigenic E. coli (VTEC)	0
	Sheep - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	1	VTEC, unspecified	1
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	7	0	Verocytotoxigenic E. coli (VTEC)	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	17	0	Verocytotoxigenic E. coli (VTEC)	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	9	0	Verocytotoxigenic E. coli (VTEC)	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	13	0	Verocytotoxigenic E. coli (VTEC)	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Squirrels - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Steinbock - wild - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Turkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Water buffalos - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	39	5	VTEC, unspecified	5
	Water buffalos - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	14	1	VTEC O1	1

**Table ESCHERICHIA COLI in food**

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	All foodstuffs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Beverages, non-alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses made from cows' milk - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	70	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	17	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses made from goats' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses made from sheep's milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	242	6	VTEC, unspecified	6
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - hard - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	122	6	VTEC O157	1
							VTEC other than O157 O26 O103 O111 O145	2
							VTEC, unspecified	3
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	11	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	38	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	12	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	1	VTEC, unspecified	1
	Coconut - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	1	VTEC, unspecified	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Verocytotoxigenic E. coli (VTEC)	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Verocytotoxigenic E. coli (VTEC)	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Fishery products, unspecified - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Verocytotoxigenic E. coli (VTEC)	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	40	0	Verocytotoxigenic E. coli (VTEC)	0
	Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	7	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	33	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	27	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from bovine animals - fresh - Slaughterhouse - Italy - food sample - carcass swabs - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	9	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	18	2	VTEC, unspecified	2
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	11	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	43	1	VTEC, unspecified	1
	Meat from bovine animals - offal - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from broilers (Gallus gallus) - meat preparation - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from broilers (Gallus gallus) - meat products - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from broilers (Gallus gallus) - minced meat - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from goat - fresh - Slaughterhouse - Italy - food sample - carcass swabs - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from goat - offal - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from horse - fresh - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from horse - offal - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - fresh - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	33	1	VTEC, unspecified	1
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	166	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	83	1	VTEC other than O157 O26 O103 O111 O145	1
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	79	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	68	1	VTEC, unspecified	1
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	16	1	VTEC, unspecified	1
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	17	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	34	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	11	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Census	single (food/fee d)	25	Gram	21	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	35	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	34	1	VTEC, unspecified	1
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	11	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - fresh - Slaughterhouse - Italy - food sample - carcass swabs - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	48	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	58	1	VTEC, unspecified	1
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	30	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	23	1	VTEC, unspecified	1
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from pig - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	1	VTEC, unspecified	1
	Meat from pig - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	42	1	VTEC, unspecified	1
	Meat from pig - offal - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from poultry, unspecified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	18	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from poultry, unspecified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from poultry, unspecified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from sheep - fresh - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from sheep - offal - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from turkey - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from turkey - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from turkey - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from turkey - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	9	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from turkey - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Meat from wild boar - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - raw milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	1	VTEC O157	1
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	48	3	VTEC O157	1
							VTEC other than O157 O26 O103 O111 O145	1
							VTEC, unspecified	1
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Verocytotoxigenic E. coli (VTEC)	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Census	single (food/fee d)	25	Gram	90	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	632	9	VTEC O103	1
							VTEC O157	2
							VTEC, unspecified	6
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	37	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	16	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	281	4	VTEC other than O157 O26 O103 O111 O145	1
							VTEC, unspecified	3
	Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	7	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	156	6	VTEC, unspecified	6

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	8	0	Verocytotoxigenic E. coli (VTEC)	0
	Milk, goats' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Verocytotoxigenic E. coli (VTEC)	0
	Molluscan shellfish - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Molluscan shellfish - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	19	0	Verocytotoxigenic E. coli (VTEC)	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	17	0	Verocytotoxigenic E. coli (VTEC)	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	45	0	Verocytotoxigenic E. coli (VTEC)	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Verocytotoxigenic E. coli (VTEC)	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Verocytotoxigenic E. coli (VTEC)	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Verocytotoxigenic E. coli (VTEC)	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Verocytotoxigenic E. coli (VTEC)	0
	Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Verocytotoxigenic E. coli (VTEC)	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	172	0	Verocytotoxigenic E. coli (VTEC)	0

Table FLAVIVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	94	10	West Nile virus	10
	Corvids, unspecified - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	7	0	West Nile virus	0
	Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2185	21	West Nile virus	21
	Doves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	18	0	West Nile virus	0
	Falcons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	6	0	West Nile virus	0
	Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling	herd/flock	151	2	West Nile virus	2
	Gulls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	15	0	West Nile virus	0
	Jays - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	241	1	West Nile virus	1
	Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1341	37	West Nile virus	37
	Owls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	4	1	West Nile virus	1
	Pigeons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	48	0	West Nile virus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	381	1	West Nile virus	1
	Solipeds, domestic - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	5594	14	West Nile virus	14
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	211	14	West Nile virus	14
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	30	0	West Nile virus	0
	Starlings - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	3	0	West Nile virus	0
	Swans - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	6	0	West Nile virus	0
	Wild ducks - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	9	0	West Nile virus	0
	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	8	1	West Nile virus	1
Piemonte	Corvids, unspecified - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	5	0	West Nile virus	0
	Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	102	3	West Nile virus	3
	Falcons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	3	0	West Nile virus	0
	Owls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	1	West Nile virus	1
	Pigeons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	101	1	West Nile virus	1
	Solipeds, domestic - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	772	12	West Nile virus	12
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	74	6	West Nile virus	6
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	3	0	West Nile virus	0
	Wild ducks - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	24	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	52	0	West Nile virus	0
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
Liguria	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	30	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	114	0	West Nile virus	0
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	4	0	West Nile virus	0
Lombardia	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	1	West Nile virus	1
	Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1177	2	West Nile virus	2
	Jays - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	56	0	West Nile virus	0
	Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	254	7	West Nile virus	7

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Lombardia	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	12	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	138	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	64	3	West Nile virus	3
Provincia Autonoma di Bolzano/Bozen (NUTS 2006)	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	162	0	West Nile virus	0
Provincia Autonoma di Trento (NUTS 2006)	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	157	0	West Nile virus	0
Veneto (NUTS 2006)	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	10	0	West Nile virus	0
	Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	0	West Nile virus	0
	Doves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	5	0	West Nile virus	0
	Falcons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Gulls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	3	0	West Nile virus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	57	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1635	2	West Nile virus	2
	Starlings - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Wild ducks - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
Friuli-Venezia Giulia (NUTS 2006)	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	6	0	West Nile virus	0
	Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	25	0	West Nile virus	0
	Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	25	0	West Nile virus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	72	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	424	0	West Nile virus	0
	Swans - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
Emilia-Romagna (NUTS 2006)	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	7	7	West Nile virus	7
	Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	483	11	West Nile virus	11
	Jays - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	183	1	West Nile virus	1
	Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1048	30	West Nile virus	30
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	63	5	West Nile virus	5
Toscana (NUTS 2006)	Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling	herd/flock	2	0	West Nile virus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	4	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	308	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	3	0	West Nile virus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	6	0	West Nile virus	0
Umbria (NUTS 2006)	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	129	0	West Nile virus	0
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	6	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	217	0	West Nile virus	0
Marche (NUTS 2006)	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	217	0	West Nile virus	0
	Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	25	0	West Nile virus	0
	Doves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling	herd/flock	1	0	West Nile virus	0
	Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	8	0	West Nile virus	0
Lazio (NUTS 2006)	Owls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Lazio (NUTS 2006)	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	3	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	303	0	West Nile virus	0
Abruzzo	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	8	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	145	0	West Nile virus	0
Molise	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	5	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	119	0	West Nile virus	0
Campania	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	11	0	West Nile virus	0
	Doves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	11	0	West Nile virus	0
	Gulls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	6	0	West Nile virus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	19	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	56	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	West Nile virus	0
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	14	0	West Nile virus	0
	Swans - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	3	0	West Nile virus	0
	Wild ducks - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	5	0	West Nile virus	0
	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	4	0	West Nile virus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	33	0	West Nile virus	0
Puglia	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	383	0	West Nile virus	0
	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	7	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	276	0	West Nile virus	0
Basilicata	Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	162	0	West Nile virus	0
Calabria	Swans - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	0	West Nile virus	0
	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	8	0	West Nile virus	0
Sicilia	Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling	herd/flock	148	2	West Nile virus	2
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	6	0	West Nile virus	0
	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	39	1	West Nile virus	1
Sardegna	Corvids, unspecified - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	0	West Nile virus	0
	Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	371	5	West Nile virus	5
	Doves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Falcons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	4	0	West Nile virus	0
	Gulls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	8	0	West Nile virus	0
	Jays - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	0	West Nile virus	0
	Owls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	West Nile virus	0
	Pigeons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	47	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	36	0	West Nile virus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	6	0	West Nile virus	0
	Starlings - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	0	West Nile virus	0
	Wild ducks - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	0	West Nile virus	0

Table HISTAMINE in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Beverages, alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	19	3	> 400	Histamine	19	2
							>100 TO <= 200	Histamine	19	1
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	1	0	<= 100	Histamine	1	0
							> 400	Histamine	1	0
							>100 TO <= 200	Histamine	1	0
							>200 TO <= 400	Histamine	1	0
	Crustaceans - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	2	0	<= 100	Histamine	2	0
							> 400	Histamine	2	0
							>100 TO <= 200	Histamine	2	0
							>200 TO <= 400	Histamine	2	0
	Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	4	0	<= 100	Histamine	4	0
							> 400	Histamine	4	0
							>100 TO <= 200	Histamine	4	0
							>200 TO <= 400	Histamine	4	0
	Fish - marinated - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	1	0	<= 100	Histamine	1	0
							> 400	Histamine	1	0
							>100 TO <= 200	Histamine	1	0
							>200 TO <= 400	Histamine	1	0
	Fish - marinated - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	1	0	<= 100	Histamine	1	0
							> 400	Histamine	1	0
							>100 TO <= 200	Histamine	1	0
							>200 TO <= 400	Histamine	1	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	3	0	<= 100	Histamine	3	0
							> 400	Histamine	3	0
							>100 TO <= 200	Histamine	3	0
							>200 TO <= 400	Histamine	3	0
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	19	3	<= 100	Histamine	19	2
							> 400	Histamine	19	1
							>100 TO <= 200	Histamine	19	0
							>200 TO <= 400	Histamine	19	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fish - unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	3	0	<= 100	Histamine	3	0
							> 400	Histamine	3	0
							>100 TO <= 200	Histamine	3	0
							>200 TO <= 400	Histamine	3	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	236	9	<= 100	Histamine	236	0
							> 400	Histamine	236	1
							>100 TO <= 200	Histamine	236	1
							>200 TO <= 400	Histamine	236	7
	Fish - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	10	Gram	18	0	<= 100	Histamine	18	0
							> 400	Histamine	18	0
							>100 TO <= 200	Histamine	18	0
							>200 TO <= 400	Histamine	18	0
	Fish - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	3	0	<= 100	Histamine	3	0
							> 400	Histamine	3	0
							>100 TO <= 200	Histamine	3	0
							>200 TO <= 400	Histamine	3	0
	Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	73	19	<= 100	Histamine	73	0
							> 400	Histamine	73	15
							>100 TO <= 200	Histamine	73	4
							>200 TO <= 400	Histamine	73	0
	Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	4	2	> 400	Histamine	4	2
	Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	171	1	<= 100	Histamine	171	0
							> 400	Histamine	171	0
							>100 TO <= 200	Histamine	171	0
							>200 TO <= 400	Histamine	171	1
	Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	3	1	<= 100	Histamine	3	0
							> 400	Histamine	3	0
							>100 TO <= 200	Histamine	3	0
							>200 TO <= 400	Histamine	3	1
	Fish (food) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	10	Gram	25	0	<= 100	Histamine	25	0
							> 400	Histamine	25	0
							>100 TO <= 200	Histamine	25	0
							>200 TO <= 400	Histamine	25	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fish (food) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	14	1	<= 100	Histamine	14	1
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	559	33	<= 100	Histamine	559	0
							> 400	Histamine	559	26
							>100 TO <= 200	Histamine	559	5
							>200 TO <= 400	Histamine	559	2
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	10	Gram	2	0	<= 100	Histamine	2	0
							> 400	Histamine	2	0
							>100 TO <= 200	Histamine	2	0
							>200 TO <= 400	Histamine	2	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	8	0	<= 100	Histamine	8	0
							> 400	Histamine	8	0
							>100 TO <= 200	Histamine	8	0
							>200 TO <= 400	Histamine	8	0
	Fish (food) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	1	0	<= 100	Histamine	1	0
							> 400	Histamine	1	0
							>100 TO <= 200	Histamine	1	0
							>200 TO <= 400	Histamine	1	0
	Fish (food) - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	6	0	<= 100	Histamine	6	0
							> 400	Histamine	6	0
							>100 TO <= 200	Histamine	6	0
							>200 TO <= 400	Histamine	6	0
	Fish (food) - Wholesale - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	3	0	<= 100	Histamine	3	0
							> 400	Histamine	3	0
							>100 TO <= 200	Histamine	3	0
							>200 TO <= 400	Histamine	3	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	38	1	<= 100	Histamine	38	0
							> 400	Histamine	38	1
							>100 TO <= 200	Histamine	38	0
							>200 TO <= 400	Histamine	38	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	10	Gram	1	0	<= 100	Histamine	1	0
							> 400	Histamine	1	0
							>100 TO <= 200	Histamine	1	0
							>200 TO <= 400	Histamine	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fishery products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	10	Gram	7	0	<= 100	Histamine	7	0
							> 400	Histamine	7	0
							>100 TO <= 200	Histamine	7	0
							>200 TO <= 400	Histamine	7	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	10	Gram	474	13	<= 100	Histamine	474	1
							> 400	Histamine	474	10
							>100 TO <= 200	Histamine	474	0
							>200 TO <= 400	Histamine	474	2
		25	Gram	2	0		<= 100	Histamine	2	0
							> 400	Histamine	2	0
							>100 TO <= 200	Histamine	2	0
							>200 TO <= 400	Histamine	2	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	10	Gram	2	1	<= 100	Histamine	2	1
							> 400	Histamine	2	0
							>100 TO <= 200	Histamine	2	0
							>200 TO <= 400	Histamine	2	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	10	Gram	17	0	<= 100	Histamine	17	0
							> 400	Histamine	17	0
							>100 TO <= 200	Histamine	17	0
							>200 TO <= 400	Histamine	17	0
		25	Gram	14	0		<= 100	Histamine	14	0
							> 400	Histamine	14	0
							>100 TO <= 200	Histamine	14	0
							>200 TO <= 400	Histamine	14	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	10	Gram	655	12	<= 100	Histamine	655	1
							> 400	Histamine	655	11
							>100 TO <= 200	Histamine	655	0
							>200 TO <= 400	Histamine	655	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	10	Gram	2	0	<= 100	Histamine	2	0
							> 400	Histamine	2	0
							>100 TO <= 200	Histamine	2	0
							>200 TO <= 400	Histamine	2	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fishery products, unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	10	Gram	3	1	<= 100	Histamine	3	0
							> 400	Histamine	3	0
							>100 TO <= 200	Histamine	3	0
							>200 TO <= 400	Histamine	3	1
	Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	10	Gram	27	0	<= 100	Histamine	27	0
							> 400	Histamine	27	0
							>100 TO <= 200	Histamine	27	0
							>200 TO <= 400	Histamine	27	0
	Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	10	Gram	2	0	<= 100	Histamine	2	0
							> 400	Histamine	2	0
							>100 TO <= 200	Histamine	2	0
							>200 TO <= 400	Histamine	2	0
	Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	10	Gram	7	0	<= 100	Histamine	7	0
							> 400	Histamine	7	0
							>100 TO <= 200	Histamine	7	0
							>200 TO <= 400	Histamine	7	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	10	Gram	1	0	<= 100	Histamine	1	0
							> 400	Histamine	1	0
							>100 TO <= 200	Histamine	1	0
							>200 TO <= 400	Histamine	1	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	10	Gram	1	0	<= 100	Histamine	1	0
							> 400	Histamine	1	0
							>100 TO <= 200	Histamine	1	0
							>200 TO <= 400	Histamine	1	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	10	Gram	31	0	<= 100	Histamine	31	0
							> 400	Histamine	31	0
							>100 TO <= 200	Histamine	31	0
							>200 TO <= 400	Histamine	31	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	10	Gram	1	0	<= 100	Histamine	1	0
							> 400	Histamine	1	0
							>100 TO <= 200	Histamine	1	0
							>200 TO <= 400	Histamine	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	1	0	<= 100	Histamine	1	0
							> 400	Histamine	1	0
							>100 TO <= 200	Histamine	1	0
							>200 TO <= 400	Histamine	1	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	10	Gram	1	0	<= 100	Histamine	1	0
							> 400	Histamine	1	0
							>100 TO <= 200	Histamine	1	0
							>200 TO <= 400	Histamine	1	0
	Sauce and dressings - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	10	Gram	1	0	<= 100	Histamine	1	0
							> 400	Histamine	1	0
							>100 TO <= 200	Histamine	1	0
							>200 TO <= 400	Histamine	1	0

Table LISTERIA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Alpacas - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Listeria monocytogenes	0
	Alpacas - zoo animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding	1	0	Listeria	0
	Alpacas - zoo animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Listeria	0
	Alpacas - zoo animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Listeria	0
	Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Listeria	0
	Canary - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Listeria	0
	Canary - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Listeria	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Listeria monocytogenes	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Listeria	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	4	0	Listeria monocytogenes	0
	Cantabrian chamois - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Listeria monocytogenes	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	2	Listeria spp., unspecified	2
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Listeria	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	2	0	Listeria	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	2	Listeria monocytogenes	2
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	30	1	Listeria spp., unspecified	1
		holding	6	0	Listeria	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	3	0	Listeria	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	19	3	Listeria monocytogenes	3
		holding	10	1	Listeria monocytogenes	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	16	0	Listeria	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Listeria	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Listeria	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	165	3	Listeria monocytogenes	2
					Listeria seeligeri	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	16	1	Listeria spp., unspecified	1
	Cattle (bovine animals) - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Listeria	0
	Cattle (bovine animals) - meat production animals - calves (under 1 year) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	0	Listeria	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Listeria	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	1	Listeria monocytogenes	1
	Crows - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	12	0	Listeria monocytogenes	0
	Deer - wild - red deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Listeria monocytogenes	0
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Listeria	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Listeria	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Listeria	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Listeria	0
					Listeria monocytogenes	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Listeria	0
	Dolphin - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	4	0	Listeria	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dolphin - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	5	1	Listeria monocytogenes	1
	Foxes - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Listeria	0
	Foxes - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Listeria	0
	Foxes - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Listeria monocytogenes	0
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	2	1	Listeria monocytogenes	1
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Listeria	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	11	0	Listeria	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	34	4	Listeria monocytogenes	4
		holding	5	0	Listeria	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	5	0	Listeria	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	8	0	Listeria	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	119	8	Listeria ivanovii	1
					Listeria monocytogenes	7
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	9	0	Listeria	0
	Goats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	13	2	Listeria spp., unspecified	2
	Goats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Listeria monocytogenes	0
	Goats - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	5	0	Listeria monocytogenes	0
	Gulls - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Listeria	0
	Hares - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Listeria	0
	Hares - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Listeria monocytogenes	0
	Lamas - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Listeria monocytogenes	0
	Lamas - zoo animal - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Listeria	0
	Lamas - zoo animal - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Listeria monocytogenes	0
	Mouflons - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Listeria	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	3	0	Listeria	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	237	0	Listeria	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Listeria	0
	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Listeria monocytogenes	0
	Rodents - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Listeria	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Listeria	0
		herd/flock	38	3	Listeria spp., unspecified	3
		holding	6	0	Listeria	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	9	1	Listeria ivanovii	1
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	1	Listeria monocytogenes	1
		herd/flock	1	1	Listeria monocytogenes	1
		holding	4	0	Listeria	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	43	1	Listeria spp., unspecified	1
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Listeria	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	18	1	Listeria monocytogenes	1
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	32	0	Listeria	0
	Sheep - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Listeria	0
	Sheep - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Listeria	0
	Sheep - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Listeria	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	7	0	Listeria	0
	Solipeds, domestic - donkeys - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Listeria	0
	Solipeds, domestic - donkeys - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Listeria monocytogenes	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	2	0	Listeria	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Listeria	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	4	1	Listeria monocytogenes	1
	Solipeds, domestic - horses - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Listeria	0
	Steinbock - wild - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Listeria	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	3	1	Listeria monocytogenes	1
	Wild boars - farmed - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	53	0	Listeria	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Listeria	0



Table LISTERIA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	All foodstuffs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	209	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	All foodstuffs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	209	0	Not Available	Listeria monocytogenes	209	0
	All foodstuffs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	21	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	All foodstuffs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	21	0	Not Available	Listeria monocytogenes	21	0
	All foodstuffs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	161	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	All foodstuffs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	161	0	Not Available	Listeria monocytogenes	156	0
	All foodstuffs - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	15	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	All foodstuffs - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	15	0	Not Available	Listeria monocytogenes	10	0
	Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	7	1	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	7	1	Not Available	Listeria monocytogenes	7	1
	Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Bakery products - bread - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Bakery products - bread - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	6	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	6	0	Not Available	Listeria monocytogenes	3	0
	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	111	0	<= 100	Listeria monocytogenes	54	0
							>100	Listeria monocytogenes	54	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	111	0	Not Available	Listeria monocytogenes	98	0
	Bakery products - pastry - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	12	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Bakery products - pastry - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	12	0	Not Available	Listeria monocytogenes	12	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	41	0	<= 100	Listeria monocytogenes	9	0
							>100	Listeria monocytogenes	9	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	41	0	Not Available	Listeria monocytogenes	33	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	1	0
	Bakery products - pastry - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Bakery products - pastry - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Bakery products - pastry - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	30	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Bakery products - pastry - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	30	0	Not Available	Listeria monocytogenes	30	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	363	0	<= 100	Listeria monocytogenes	133	0
							>100	Listeria monocytogenes	133	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	363	0	Not Available	Listeria monocytogenes	344	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	6	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	6	0	Not Available	Listeria monocytogenes	6	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Bakery products - pastry - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	42	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Bakery products - pastry - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	42	0	Not Available	Listeria monocytogenes	42	0
	Bakery products - pastry - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	48	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Bakery products - pastry - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	48	0	Not Available	Listeria monocytogenes	48	0
	Bakery products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Bakery products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Bakery products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Bakery products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Beverages, alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Beverages, alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	Not Available	Listeria monocytogenes	3	0
	Beverages, alcoholic - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Beverages, alcoholic - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Beverages, non-alcoholic - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Beverages, non-alcoholic - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Beverages, non-alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Beverages, non-alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	37	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	37	0	Not Available	Listeria monocytogenes	37	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	10	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	10	0	Not Available	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	1	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	1	Not Available	Listeria monocytogenes	1	1
	Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	7	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	56	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	56	0	Not Available	Listeria monocytogenes	56	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	65	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	65	0	Not Available	Listeria monocytogenes	65	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	56	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	56	0	Not Available	Listeria monocytogenes	56	0
	Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	18	1	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	18	1	Not Available	Listeria monocytogenes	18	1
	Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Cheeses made from cows' milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	51	0	<= 100	Listeria monocytogenes	15	0
							>100	Listeria monocytogenes	15	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	51	0	Not Available	Listeria monocytogenes	46	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	34	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	34	0	Not Available	Listeria monocytogenes	34	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	10	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	10	0	Not Available	Listeria monocytogenes	10	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	13	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	13	0	Not Available	Listeria monocytogenes	7	0
	Cheeses made from cows' milk - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	94	1	<= 100	Listeria monocytogenes	38	0
							>100	Listeria monocytogenes	38	0
	Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	94	1	Not Available	Listeria monocytogenes	84	1
	Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	46	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	46	0	Not Available	Listeria monocytogenes	46	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	31	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	31	0	Not Available	Listeria monocytogenes	31	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	9	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	9	0	Not Available	Listeria monocytogenes	9	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	118	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	118	0	Not Available	Listeria monocytogenes	118	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	5936	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	5936	0	Not Available	Listeria monocytogenes	5,936	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	19	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	19	0	Not Available	Listeria monocytogenes	19	0
	Cheeses made from goats' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from goats' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - hard - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from goats' milk - hard - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from goats' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	10	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Cheeses made from goats' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	10	0	Not Available	Listeria monocytogenes	10	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from sheep's milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	50	0	<= 100	Listeria monocytogenes	10	0
							>100	Listeria monocytogenes	10	0
	Cheeses made from sheep's milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	50	0	Not Available	Listeria monocytogenes	50	0
	Cheeses made from sheep's milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses made from sheep's milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	23	1	<= 100	Listeria monocytogenes	10	0
							>100	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	23	1	Not Available	Listeria monocytogenes	20	1
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	28	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	28	0	Not Available	Listeria monocytogenes	28	0
	Cheeses, made from unspecified milk or other animal milk - curd - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - curd - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
							<= 100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	3	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	43	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	43	0	Not Available	Listeria monocytogenes	43	0
							<= 100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - curd - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - curd - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	3	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
							<= 100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	10	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	10	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	21	0	Not Available	Listeria monocytogenes	21	0
							<= 100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	21	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	21	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	13	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	13	0	Not Available	Listeria monocytogenes	13	0
							<= 100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - hard - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3489	16	<= 100	Listeria monocytogenes	339	0
							>100	Listeria monocytogenes	339	1
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3489	16	Not Available	Listeria monocytogenes	3,363	16
							<= 100	Listeria monocytogenes	15	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	83	0	>100	Listeria monocytogenes	15	0
							Not Available	Listeria monocytogenes	68	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	619	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	619	0	Not Available	Listeria monocytogenes	614	0
							<= 100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	87	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	87	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	87	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	51	0	Not Available	Listeria monocytogenes	51	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	593	5	<= 100	Listeria monocytogenes	239	0
							>100	Listeria monocytogenes	239	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	593	5	Not Available	Listeria monocytogenes	425	5
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	6	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	6	0	Not Available	Listeria monocytogenes	6	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	104	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	104	0	Not Available	Listeria monocytogenes	104	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	29	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	29	0	Not Available	Listeria monocytogenes	25	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	0	Not Available	Listeria monocytogenes	15	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	10	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	10	0	Not Available	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	96	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	96	0	Not Available	Listeria monocytogenes	92	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	0	Not Available	Listeria monocytogenes	10	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	1	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	22	0	>100	Listeria monocytogenes	1	0
							Not Available	Listeria monocytogenes	21	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	63	0	<= 100	Listeria monocytogenes	13	0
							>100	Listeria monocytogenes	13	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	63	0	Not Available	Listeria monocytogenes	60	0
							<= 100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
							<= 100	Listeria monocytogenes	2	0
	Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	9	0	>100	Listeria monocytogenes	2	0
							Not Available	Listeria monocytogenes	9	0
	Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	9	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Chocolate - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
	Coconut - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Coconut - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Crustaceans - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Crustaceans - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Crustaceans - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	14	0	<= 100	Listeria monocytogenes	11	0
							>100	Listeria monocytogenes	11	0
	Crustaceans - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	14	0	Not Available	Listeria monocytogenes	3	0
	Crustaceans - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	32	0	<= 100	Listeria monocytogenes	24	0
							>100	Listeria monocytogenes	24	0
	Crustaceans - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	32	0	Not Available	Listeria monocytogenes	8	0
	Crustaceans - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	328	0	<= 100	Listeria monocytogenes	328	0
							>100	Listeria monocytogenes	328	0
	Crustaceans - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	328	0	Not Available	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	97	0	<= 100	Listeria monocytogenes	19	0
							>100	Listeria monocytogenes	19	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	97	0	Not Available	Listeria monocytogenes	97	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	15	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	15	0	Not Available	Listeria monocytogenes	15	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	37	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	37	0	Not Available	Listeria monocytogenes	37	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	52	2	<= 100	Listeria monocytogenes	29	0
							>100	Listeria monocytogenes	29	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	52	2	Not Available	Listeria monocytogenes	33	2
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Not Available	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - cream - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - cream - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	12	0	>100	Listeria monocytogenes	3	0
							Not Available	Listeria monocytogenes	11	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	11	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	11	0	Not Available	Listeria monocytogenes	11	0
							<= 100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	7	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	7	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	7	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	649	0	Not Available	Listeria monocytogenes	648	0
							<= 100	Listeria monocytogenes	7	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	12	0	>100	Listeria monocytogenes	7	0
							Not Available	Listeria monocytogenes	6	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	12	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	15	0	Not Available	Listeria monocytogenes	10	0
							<= 100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	73	0
							>100	Listeria monocytogenes	73	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	151	0	Not Available	Listeria monocytogenes	149	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	79	0	<= 100	Listeria monocytogenes	20	0
							>100	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	79	0	Not Available	Listeria monocytogenes	64	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	7	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	282	0	<= 100	Listeria monocytogenes	91	0
							>100	Listeria monocytogenes	91	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	282	0	Not Available	Listeria monocytogenes	266	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	1	1	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	1	1	Not Available	Listeria monocytogenes	1	1
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	36	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	36	0	Not Available	Listeria monocytogenes	36	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	44	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	44	0	Not Available	Listeria monocytogenes	39	0
							<= 100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	2	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	7	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	7	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
							<= 100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	7	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	7	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
							<= 100	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	16	0	>100	Listeria monocytogenes	1	0
							Not Available	Listeria monocytogenes	16	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	16	0	<= 100	Listeria monocytogenes	27	0
							>100	Listeria monocytogenes	27	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	254	0	Not Available	Listeria monocytogenes	229	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	8	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	8	0	Not Available	Listeria monocytogenes	8	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	20	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	20	0	Not Available	Listeria monocytogenes	20	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	19	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	19	0	Not Available	Listeria monocytogenes	13	0
	Dairy products (excluding cheeses) - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	98	0	<= 100	Listeria monocytogenes	29	0
							>100	Listeria monocytogenes	29	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	98	0	Not Available	Listeria monocytogenes	69	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	32	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	32	0	Not Available	Listeria monocytogenes	32	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	54	0	<= 100	Listeria monocytogenes	9	0
							>100	Listeria monocytogenes	9	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	54	0	Not Available	Listeria monocytogenes	53	0
	Dairy products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Dairy products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Dairy products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Dairy products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Dairy products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Egg products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	6	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Egg products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	6	0	Not Available	Listeria monocytogenes	6	0
	Egg products - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Egg products - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Egg products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	11	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Egg products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	11	0	Not Available	Listeria monocytogenes	11	0
	Egg products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Egg products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Egg products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Egg products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Egg products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	44	0	<= 100	Listeria monocytogenes	15	0
							>100	Listeria monocytogenes	15	0
	Egg products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	44	0	Not Available	Listeria monocytogenes	44	0
	Eggs - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Eggs - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Fats and oils (excluding butter) - fats - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	10	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fats and oils (excluding butter) - fats - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	10	0	Not Available	Listeria monocytogenes	10	0
	Fats and oils (excluding butter) - fats - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	5	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fats and oils (excluding butter) - fats - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	5	0	Not Available	Listeria monocytogenes	0	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Fish - cooked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish - cooked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	2	0	Not Available	Listeria monocytogenes	1	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	28	2	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	28	2	Not Available	Listeria monocytogenes	27	2
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	13	2	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	13	2	Not Available	Listeria monocytogenes	8	2
	Fish - unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Fish - unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Not Available	Listeria monocytogenes	7	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	84	2	<= 100	Listeria monocytogenes	60	0
							>100	Listeria monocytogenes	60	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	84	2	Not Available	Listeria monocytogenes	36	2
	Fish - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	133	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	133	0	Not Available	Listeria monocytogenes	133	0
	Fish - unspecified - Wholesale - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	20	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish - unspecified - Wholesale - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	20	0	Not Available	Listeria monocytogenes	20	0
	Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	31	0	<= 100	Listeria monocytogenes	18	0
							>100	Listeria monocytogenes	18	0
	Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	31	0	Not Available	Listeria monocytogenes	20	0
	Fish (food) - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish (food) - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	43	0	<= 100	Listeria monocytogenes	21	0
							>100	Listeria monocytogenes	21	0
	Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	43	0	Not Available	Listeria monocytogenes	27	0
	Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	13	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	13	0	Not Available	Listeria monocytogenes	12	0
	Fish (food) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fish (food) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Fish (food) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	6	3	<= 100	Listeria monocytogenes	1	1
							>100	Listeria monocytogenes	1	0
	Fish (food) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	6	3	Not Available	Listeria monocytogenes	6	3
							<= 100	Listeria monocytogenes	75	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	175	13	>100	Listeria monocytogenes	75	1
							Not Available	Listeria monocytogenes	116	12
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	1	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	1	0	>100	Listeria monocytogenes	1	0
							Not Available	Listeria monocytogenes	0	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish (food) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fish (food) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	7	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	18	0	>100	Listeria monocytogenes	7	0
							Not Available	Listeria monocytogenes	12	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	18	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Fishery products, unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fishery products, unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Fishery products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	37	0	>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fishery products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	37	0	Not Available	Listeria monocytogenes	37	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	257	40	<= 100	Listeria monocytogenes	49	1
							>100	Listeria monocytogenes	49	1
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	257	40	Not Available	Listeria monocytogenes	227	39
							<= 100	Listeria monocytogenes	2	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	2	0	>100	Listeria monocytogenes	2	0
							Not Available	Listeria monocytogenes	0	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	20	5	Not Available	Listeria monocytogenes	20	5
							<= 100	Listeria monocytogenes	0	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	20	5	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	0	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	121	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	121	0	Not Available	Listeria monocytogenes	121	0
							<= 100	Listeria monocytogenes	73	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	225	13	>100	Listeria monocytogenes	73	0
							Not Available	Listeria monocytogenes	185	13
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	225	13	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
							<= 100	Listeria monocytogenes	0	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	5	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	2	0
	Fishery products, unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fishery products, unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	0	0
	Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	45	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	45	0
	Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	45	0	<= 100	Listeria monocytogenes	14	0
							>100	Listeria monocytogenes	14	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	1	Not Available	Listeria monocytogenes	1	1
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	40	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	40	0	Not Available	Listeria monocytogenes	40	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Not Available	Listeria monocytogenes	10	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	170	0	<= 100	Listeria monocytogenes	35	0
							>100	Listeria monocytogenes	35	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	170	0	Not Available	Listeria monocytogenes	160	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	0	<= 100	Listeria monocytogenes	10	0
							>100	Listeria monocytogenes	10	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	0	Not Available	Listeria monocytogenes	15	0
	Fruits - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Fruits - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	12	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Fruits - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	12	0	Not Available	Listeria monocytogenes	12	0
	Fruits - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	11	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	11	0	Not Available	Listeria monocytogenes	11	0
	Fruits - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Fruits - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Fruits - products - dried - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits - products - dried - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Fruits - products - dried - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits - products - dried - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Fruits - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	170	1	<= 100	Listeria monocytogenes	28	0
							>100	Listeria monocytogenes	28	0
	Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	170	1	Not Available	Listeria monocytogenes	162	1
	Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Fruits - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	6	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	6	0	Not Available	Listeria monocytogenes	6	0
	Fruits - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Fruits - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Fruits and vegetables - products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits and vegetables - products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Fruits and vegetables - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits and vegetables - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Fruits and vegetables - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	18	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Fruits and vegetables - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	18	0	Not Available	Listeria monocytogenes	17	0
	Fruits and vegetables - products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Fruits and vegetables - products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Honey - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Honey - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Infant formula - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Infant formula - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Infant formula - liquid - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	30	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Infant formula - liquid - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	30	0	Not Available	Listeria monocytogenes	30	0
	Infant formula - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Infant formula - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	1	0
	Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	229	0	<= 100	Listeria monocytogenes	20	0
							>100	Listeria monocytogenes	20	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	229	0	Not Available	Listeria monocytogenes	229	0
	Infant formula - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Infant formula - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Infant formula - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	3	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Infant formula - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	3	0	Not Available	Listeria monocytogenes	2	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	47	0	<= 100	Listeria monocytogenes	15	0
							>100	Listeria monocytogenes	15	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	47	0	Not Available	Listeria monocytogenes	47	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	15	4	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	15	4	Not Available	Listeria monocytogenes	15	4
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	113	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	113	0	Not Available	Listeria monocytogenes	113	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	20	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	20	0	Not Available	Listeria monocytogenes	20	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	24	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	24	0	Not Available	Listeria monocytogenes	24	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from bovine animals - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	24	0	<= 100	Listeria monocytogenes	24	0
							>100	Listeria monocytogenes	24	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	24	0	Not Available	Listeria monocytogenes	0	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	49	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	49	0	Not Available	Listeria monocytogenes	49	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	22	0	<= 100	Listeria monocytogenes	20	0
							>100	Listeria monocytogenes	20	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	22	0	Not Available	Listeria monocytogenes	5	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	25	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	25	0	Not Available	Listeria monocytogenes	25	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	Not Available	Listeria monocytogenes	0	0
	Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	6	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	6	0	Not Available	Listeria monocytogenes	6	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	37	0	<= 100	Listeria monocytogenes	34	0
							>100	Listeria monocytogenes	34	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	37	0	Not Available	Listeria monocytogenes	6	0
							<= 100	Listeria monocytogenes	0	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	4	1	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	4	1
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	78	9	<= 100	Listeria monocytogenes	60	0
							>100	Listeria monocytogenes	60	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	78	9	Not Available	Listeria monocytogenes	39	9
							<= 100	Listeria monocytogenes	0	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	15	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	15	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	10	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	10	0	Not Available	Listeria monocytogenes	10	0
							<= 100	Listeria monocytogenes	0	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	3	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	3	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from bovine animals - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	0	0
	Meat from bovine animals - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	2	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	4	0
	Meat from bovine animals - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from bovine animals - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
							<= 100	Listeria monocytogenes	0	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	10	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	10	0	Not Available	Listeria monocytogenes	10	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	8	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	8	0	Not Available	Listeria monocytogenes	8	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	10	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	10	0	Not Available	Listeria monocytogenes	10	0
	Meat from broilers (Gallus gallus) - meat preparation - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from broilers (Gallus gallus) - meat preparation - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	Not Available	Listeria monocytogenes	0	0
	Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Meat from broilers (Gallus gallus) - meat products - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from broilers (Gallus gallus) - meat products - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from broilers (Gallus gallus) - minced meat - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from broilers (Gallus gallus) - minced meat - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from duck - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feeder)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from duck - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feeder)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Meat from geese - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feeder)	25	Gram	3	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	3	0
	Meat from geese - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feeder)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from goat - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Meat from goat - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Meat from goat - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from goat - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	0	0
	Meat from horse - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Meat from horse - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from horse - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
							<= 100	Listeria monocytogenes	0	0
	Meat from horse - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	5	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Meat from horse - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from horse - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feeder)	25	Gram	15	0	>100	Listeria monocytogenes	5	0
							Not Available	Listeria monocytogenes	10	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feeder)	25	Gram	15	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	7	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	257	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	257	0	Not Available	Listeria monocytogenes	256	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	58	1	<= 100	Listeria monocytogenes	33	0
							>100	Listeria monocytogenes	33	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	58	1	Not Available	Listeria monocytogenes	27	1
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	20	1	<= 100	Listeria monocytogenes	11	0
							>100	Listeria monocytogenes	11	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	20	1	Not Available	Listeria monocytogenes	9	1
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	20	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	20	0	Not Available	Listeria monocytogenes	20	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	146	1	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	146	1	Not Available	Listeria monocytogenes	146	1
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	98	4	<= 100	Listeria monocytogenes	47	0
							>100	Listeria monocytogenes	47	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	98	4	Not Available	Listeria monocytogenes	60	4
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	26	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	26	0	Not Available	Listeria monocytogenes	26	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	40	1	<= 100	Listeria monocytogenes	20	0
							>100	Listeria monocytogenes	20	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	40	1	Not Available	Listeria monocytogenes	25	1
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	19	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	19	0	Not Available	Listeria monocytogenes	19	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	395	19	<= 100	Listeria monocytogenes	297	0
							>100	Listeria monocytogenes	297	1
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	395	19	Not Available	Listeria monocytogenes	122	18
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	17	2	<= 100	Listeria monocytogenes	5	1
							>100	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	17	2	Not Available	Listeria monocytogenes	12	1
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	10	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	10	0	Not Available	Listeria monocytogenes	10	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	60	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	60	0	Not Available	Listeria monocytogenes	60	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	487	22	<= 100	Listeria monocytogenes	337	1
							>100	Listeria monocytogenes	337	4
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	487	22	Not Available	Listeria monocytogenes	181	22
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	358	17	<= 100	Listeria monocytogenes	167	0
							>100	Listeria monocytogenes	167	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	358	17	Not Available	Listeria monocytogenes	191	17
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	23	3	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	1
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	23	3	Not Available	Listeria monocytogenes	23	3
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	59	6	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	59	6	Not Available	Listeria monocytogenes	57	6
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	18	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	18	0	Not Available	Listeria monocytogenes	18	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	142	3	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	142	3	Not Available	Listeria monocytogenes	142	3
	Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	574	42	<= 100	Listeria monocytogenes	167	1
							>100	Listeria monocytogenes	167	1
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	574	42	Not Available	Listeria monocytogenes	517	42
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	267	3	<= 100	Listeria monocytogenes	110	1
							>100	Listeria monocytogenes	110	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	267	3	Not Available	Listeria monocytogenes	157	2
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	66	2	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	66	2	Not Available	Listeria monocytogenes	66	2
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	263	14	<= 100	Listeria monocytogenes	1	1
							>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	263	14	Not Available	Listeria monocytogenes	263	14
	Meat from other animal species or not specified - meat products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	1	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	1	Not Available	Listeria monocytogenes	9	1
	Meat from other animal species or not specified - meat products - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	699	23	<= 100	Listeria monocytogenes	264	0
							>100	Listeria monocytogenes	264	3
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	699	23	Not Available	Listeria monocytogenes	502	21
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	2	<= 100	Listeria monocytogenes	2	1
							>100	Listeria monocytogenes	2	1
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	2	Not Available	Listeria monocytogenes	2	2
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	121	47	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	121	47	Not Available	Listeria monocytogenes	121	47
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	229	4	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	229	4	Not Available	Listeria monocytogenes	228	4
	Meat from other animal species or not specified - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	10	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	10	0	Not Available	Listeria monocytogenes	10	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	17	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	17	0	Not Available	Listeria monocytogenes	13	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	3	0	Not Available	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	7	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	167	3	<= 100	Listeria monocytogenes	101	0
							>100	Listeria monocytogenes	101	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	167	3	Not Available	Listeria monocytogenes	87	3
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	111	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	111	0	Not Available	Listeria monocytogenes	111	0
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	19	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	19	0	Not Available	Listeria monocytogenes	19	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Not Available	Listeria monocytogenes	5	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fe d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fe d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
							<= 100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fe d)	25	Gram	15	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	15	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	7	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	7	0	Not Available	Listeria monocytogenes	5	0
							<= 100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	2	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	2	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fe d)	25	Gram	9	0	Not Available	Listeria monocytogenes	9	0
							<= 100	Listeria monocytogenes	0	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fe d)	25	Gram	9	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	12	0
	Meat from pig - carcass - Slaughterhouse - Italy - food sample - carcass swabs - Unspecified - HACCP and own check - Not specified	single (food/fe d)	25	Gram	12	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - carcass - Slaughterhouse - Italy - food sample - carcass swabs - Unspecified - HACCP and own check - Not specified	single (food/fe d)	25	Gram	12	0	Not Available	Listeria monocytogenes	12	0
							<= 100	Listeria monocytogenes	0	0
	Meat from pig - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	2	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	2	0
	Meat from pig - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	6	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	15	1	>100	Listeria monocytogenes	6	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	15	1	Not Available	Listeria monocytogenes	12	1
	Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	11	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	11	0	Not Available	Listeria monocytogenes	11	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	7	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	200	5	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	200	5	Not Available	Listeria monocytogenes	200	5
	Meat from pig - fresh - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	45	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - fresh - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	45	0	Not Available	Listeria monocytogenes	45	0
	Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	21	0	<= 100	Listeria monocytogenes	11	0
							>100	Listeria monocytogenes	11	0
	Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	21	0	Not Available	Listeria monocytogenes	18	0
	Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	Not Available	Listeria monocytogenes	6	0
	Meat from pig - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Meat from pig - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	99	8	<= 100	Listeria monocytogenes	82	0
							>100	Listeria monocytogenes	82	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feeder)	25	Gram	99	8	Not Available	Listeria monocytogenes	30	8
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	26	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	26	0	Not Available	Listeria monocytogenes	26	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feeder)	25	Gram	109	12	<= 100	Listeria monocytogenes	94	3
							>100	Listeria monocytogenes	94	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feeder)	25	Gram	109	12	Not Available	Listeria monocytogenes	30	9
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	14	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	14	0	Not Available	Listeria monocytogenes	14	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	19	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	19	0	Not Available	Listeria monocytogenes	19	0
	Meat from pig - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feeder)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feeder)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feeder)	25	Gram	1007	20	<= 100	Listeria monocytogenes	277	0
							>100	Listeria monocytogenes	277	6
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feeder)	25	Gram	1007	20	Not Available	Listeria monocytogenes	848	20
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	109	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feeder)	25	Gram	109	0	Not Available	Listeria monocytogenes	108	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	36	1	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feeder)	25	Gram	36	1	Not Available	Listeria monocytogenes	36	1
	Meat from pig - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feeder)	25	Gram	778	0	<= 100	Listeria monocytogenes	54	0
							>100	Listeria monocytogenes	54	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from pig - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fe d)	25	Gram	778	0	Not Available	Listeria monocytogenes	724	0
	Meat from pig - meat products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	25	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - meat products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	25	0	Not Available	Listeria monocytogenes	25	0
							<= 100	Listeria monocytogenes	60	0
	Meat from pig - meat products - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fe d)	25	Gram	331	0	>100	Listeria monocytogenes	60	0
							Not Available	Listeria monocytogenes	271	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	648	55	<= 100	Listeria monocytogenes	260	0
							>100	Listeria monocytogenes	260	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	648	55	Not Available	Listeria monocytogenes	519	55
							<= 100	Listeria monocytogenes	0	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	62	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	62	0
	Meat from pig - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fe d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fe d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	0	0
	Meat from pig - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fe d)	25	Gram	6	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	6	0
	Meat from pig - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	5	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Meat from pig - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
							<= 100	Listeria monocytogenes	36	0
	Meat from pig - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	39	1	>100	Listeria monocytogenes	36	0
							Not Available	Listeria monocytogenes	6	1
	Meat from pig - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	81	2	<= 100	Listeria monocytogenes	69	0
							>100	Listeria monocytogenes	69	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from pig - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	81	2	Not Available	Listeria monocytogenes	30	2
	Meat from pig - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	0	0
	Meat from pig - offal - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	211	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - offal - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	211	0	Not Available	Listeria monocytogenes	211	0
							<= 100	Listeria monocytogenes	0	0
	Meat from pig - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from pig - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	6	0
	Meat from poultry, unspecified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	6	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Meat from poultry, unspecified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	6	0	Not Available	Listeria monocytogenes	0	0
							<= 100	Listeria monocytogenes	0	0
	Meat from poultry, unspecified - fresh - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from poultry, unspecified - fresh - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	18	0
	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	18	0	<= 100	Listeria monocytogenes	18	0
							>100	Listeria monocytogenes	18	0
	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	18	0	Not Available	Listeria monocytogenes	0	0
							<= 100	Listeria monocytogenes	0	0
	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	88	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	88	0	Not Available	Listeria monocytogenes	88	0
							<= 100	Listeria monocytogenes	34	0
	Meat from poultry, unspecified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	45	0	<= 100	Listeria monocytogenes	34	0
							>100	Listeria monocytogenes	34	0
	Meat from poultry, unspecified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	45	0	Not Available	Listeria monocytogenes	30	0
							<= 100	Listeria monocytogenes	18	0
	Meat from poultry, unspecified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	22	0	<= 100	Listeria monocytogenes	18	0
							>100	Listeria monocytogenes	18	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from poultry, unspecified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	22	0	Not Available	Listeria monocytogenes	10	0
	Meat from poultry, unspecified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	20	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from poultry, unspecified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	20	0	Not Available	Listeria monocytogenes	20	0
							<= 100	Listeria monocytogenes	0	0
	Meat from poultry, unspecified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from poultry, unspecified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	16	0	<= 100	Listeria monocytogenes	12	0
							>100	Listeria monocytogenes	12	0
	Meat from poultry, unspecified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	16	0	Not Available	Listeria monocytogenes	10	0
							<= 100	Listeria monocytogenes	0	0
	Meat from poultry, unspecified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from poultry, unspecified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Meat from rabbit - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from rabbit - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Meat from rabbit - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from rabbit - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	3	0
	Meat from rabbit - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	0	0
	Meat from rabbit - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	4	0	Not Available	Listeria monocytogenes	0	0
							<= 100	Listeria monocytogenes	0	0
	Meat from sheep - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from sheep - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Meat from sheep - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from sheep - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from sheep - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from sheep - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from sheep - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from sheep - offal - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Meat from turkey - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	11	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Meat from turkey - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	11	0	Not Available	Listeria monocytogenes	5	0
	Meat from turkey - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from turkey - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Meat from turkey - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from turkey - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from turkey - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Meat from turkey - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	3	0	Not Available	Listeria monocytogenes	0	0
	Meat from turkey - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from turkey - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Meat from turkey - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	27	0	<= 100	Listeria monocytogenes	27	0
							>100	Listeria monocytogenes	27	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Meat from turkey - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	27	0	Not Available	Listeria monocytogenes	0	0
	Meat from turkey - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from turkey - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Meat from turkey - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Meat from turkey - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	20	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Meat from turkey - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	20	0	Not Available	Listeria monocytogenes	20	0
							<= 100	Listeria monocytogenes	1	0
	Meat from wild boar - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	1	>100	Listeria monocytogenes	1	0
							Not Available	Listeria monocytogenes	1	1
	Milk from other animal species or unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
							<= 100	Listeria monocytogenes	28	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	185	0	>100	Listeria monocytogenes	28	0
							Not Available	Listeria monocytogenes	157	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	45	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	45	0	Not Available	Listeria monocytogenes	45	0
							<= 100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	138	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	138	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	138	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Milk from other animal species or unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	10	0	Not Available	Listeria monocytogenes	8	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	7	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	7	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	36	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	123	0	>100	Listeria monocytogenes	36	0
							Not Available	Listeria monocytogenes	116	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	7	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
							<= 100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	11	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	11	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	51	0	<= 100	Listeria monocytogenes	24	0
							>100	Listeria monocytogenes	24	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	51	0	Not Available	Listeria monocytogenes	28	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	65	1	<= 100	Listeria monocytogenes	23	0
							>100	Listeria monocytogenes	23	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	65	1	Not Available	Listeria monocytogenes	65	1
							<= 100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	48	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	48	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	48	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	16	0	Not Available	Listeria monocytogenes	15	0
							<= 100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	387	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	387	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	387	0	<= 100	Listeria monocytogenes	217	0
							>100	Listeria monocytogenes	217	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	8	0	Not Available	Listeria monocytogenes	337	3
							<= 100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	8	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	8	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	23	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	23	0	Not Available	Listeria monocytogenes	23	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
							<= 100	Listeria monocytogenes	37	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	312	1	>100	Listeria monocytogenes	37	0
							Not Available	Listeria monocytogenes	276	1
	Milk from other animal species or unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	2	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	2	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
							<= 100	Listeria monocytogenes	0	0
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	8	0	Not Available	Listeria monocytogenes	6	0
							<= 100	Listeria monocytogenes	2	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	21	0	>100	Listeria monocytogenes	2	0
							Not Available	Listeria monocytogenes	19	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	48	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	48	0	Not Available	Listeria monocytogenes	45	0
	Milk, cows' - pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Not Available	Listeria monocytogenes	6	0
	Milk, cows' - pasteurised milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - pasteurised milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Milk, cows' - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Milk, cows' - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Not Available	Listeria monocytogenes	6	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	6	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	6	0	Not Available	Listeria monocytogenes	6	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	27	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	27	0	Not Available	Listeria monocytogenes	27	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	195	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	195	0	Not Available	Listeria monocytogenes	195	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Milk, cows' - UHT milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, cows' - UHT milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Milk, goats' - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Milk, goats' - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Milk, sheep's - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Milk, sheep's - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
							<= 100	Listeria monocytogenes	0	0
	Molluscan shellfish - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	14	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	14	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	25	0	<= 100	Listeria monocytogenes	9	0
							>100	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	25	0	Not Available	Listeria monocytogenes	19	0
							<= 100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	1	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	26	0	>100	Listeria monocytogenes	3	0
							Not Available	Listeria monocytogenes	23	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	0	0
							<= 100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	7	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	7	0	<= 100	Listeria monocytogenes	23	0
							>100	Listeria monocytogenes	23	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	82	12	Not Available	Listeria monocytogenes	79	12
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	361	2	<= 100	Listeria monocytogenes	90	0
							>100	Listeria monocytogenes	90	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	361	2	Not Available	Listeria monocytogenes	330	2
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	110	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	110	0	Not Available	Listeria monocytogenes	110	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	379	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	379	0	Not Available	Listeria monocytogenes	379	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	233	7	<= 100	Listeria monocytogenes	91	0
							>100	Listeria monocytogenes	91	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	233	7	Not Available	Listeria monocytogenes	202	7
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	<= 100	Listeria monocytogenes	9	0
							>100	Listeria monocytogenes	9	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	Not Available	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	15	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	15	0	Not Available	Listeria monocytogenes	15	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	94	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	94	0	Not Available	Listeria monocytogenes	93	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	40	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	40	0	Not Available	Listeria monocytogenes	35	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - Not Available - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - Not Available - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	964	19	<= 100	Listeria monocytogenes	408	0
							>100	Listeria monocytogenes	408	1
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	964	19	Not Available	Listeria monocytogenes	880	19
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	20	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	20	0	Not Available	Listeria monocytogenes	20	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	318	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	318	0	Not Available	Listeria monocytogenes	318	0
	Other products of animal origin - gelatin and collagen - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other products of animal origin - gelatin and collagen - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Other products of animal origin - gelatin and collagen - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other products of animal origin - gelatin and collagen - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	Not Available	Listeria monocytogenes	5	0
	Other products of animal origin - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Other products of animal origin - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	56	0	<= 100	Listeria monocytogenes	10	0
							>100	Listeria monocytogenes	10	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	56	0	Not Available	Listeria monocytogenes	50	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Sauce and dressings - mayonnaise - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Sauce and dressings - mayonnaise - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	0	0
	Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	29	0	<= 100	Listeria monocytogenes	17	0
							>100	Listeria monocytogenes	17	0
	Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	29	0	Not Available	Listeria monocytogenes	29	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	104	0	<= 100	Listeria monocytogenes	34	0
							>100	Listeria monocytogenes	34	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	104	0	Not Available	Listeria monocytogenes	93	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Spices and herbs - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Spices and herbs - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Spices and herbs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Spices and herbs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Spices and herbs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	20	0	<= 100	Listeria monocytogenes	19	0
							>100	Listeria monocytogenes	19	0
	Spices and herbs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	20	0	Not Available	Listeria monocytogenes	19	0
	Spices and herbs - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	4	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Spices and herbs - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	4	0	Not Available	Listeria monocytogenes	4	0
	Surimi - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	4	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0
	Surimi - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	4	0	Not Available	Listeria monocytogenes	0	0
	Surimi - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Surimi - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Sweets - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	15	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Sweets - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	15	0	Not Available	Listeria monocytogenes	15	0
	Sweets - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	14	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Sweets - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	14	0	Not Available	Listeria monocytogenes	14	0
	Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	20	0	<= 100	Listeria monocytogenes	11	0
							>100	Listeria monocytogenes	11	0
	Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	20	0	Not Available	Listeria monocytogenes	19	0
							<= 100	Listeria monocytogenes	0	0
	Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	2	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	2	0
	Sweets - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Sweets - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
							<= 100	Listeria monocytogenes	5	0
	Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	49	0	>100	Listeria monocytogenes	5	0
							Not Available	Listeria monocytogenes	48	0
	Vegetables - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	11	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Vegetables - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	11	0	Not Available	Listeria monocytogenes	11	0
							<= 100	Listeria monocytogenes	0	0
	Vegetables - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	12	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	12	0
	Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	15	1	<= 100	Listeria monocytogenes	14	0
							>100	Listeria monocytogenes	14	0
	Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	15	1	Not Available	Listeria monocytogenes	15	1
							<= 100	Listeria monocytogenes	0	0
	Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	58	0	>100	Listeria monocytogenes	0	0
							Not Available	Listeria monocytogenes	58	0
	Vegetables - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	88	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Vegetables - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	88	0	Not Available	Listeria monocytogenes	88	0
	Vegetables - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Vegetables - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	567	1	<= 100	Listeria monocytogenes	237	0
							>100	Listeria monocytogenes	237	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	567	1	Not Available	Listeria monocytogenes	551	1
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	20	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/food)	25	Gram	20	0	Not Available	Listeria monocytogenes	20	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Vegetables - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	3	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Vegetables - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	3	0	Not Available	Listeria monocytogenes	3	0
	Vegetables - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	7	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Vegetables - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	7	0	Not Available	Listeria monocytogenes	7	0
	Water - potable water - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Water - potable water - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0
	Water - potable water - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	9	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Water - potable water - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/food)	25	Gram	9	0	Not Available	Listeria monocytogenes	9	0
	Water - potable water - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/food)	25	Gram	1	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
ITALIA	Water - potable water - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	Not Available	Listeria monocytogenes	1	0
	Water - potable water - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	0	0
							>100	Listeria monocytogenes	0	0
	Water - potable water - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	2	0	Not Available	Listeria monocytogenes	2	0

Table LYSSAVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	63	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	179	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	3	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	11	0	Lyssavirus	0
	Bears - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	4	0	Lyssavirus	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	2	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	197	0	Lyssavirus	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	herd/flock	1	0	Lyssavirus	0
	Coypu - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	Lyssavirus	0
	Coypu - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	Lyssavirus	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	8	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	262	0	Lyssavirus	0
	Dormice - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	Lyssavirus	0
	Dormice - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	2	0	Lyssavirus	0
	Ferrets - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1417	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	855	0	Lyssavirus	0
	Hamsters - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	8	0	Lyssavirus	0
	Hares - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	32	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	323	0	Lyssavirus	0
	Mice - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	3	0	Lyssavirus	0
	Mice - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Lyssavirus	0
	Rats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	Lyssavirus	0
	Rodents - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	2	0	Lyssavirus	0
	Squirrels - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	3	0	Lyssavirus	0
	Squirrels - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	3	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	14	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	4	0	Lyssavirus	0
Piemonte	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	27	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	7	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	7	0	Lyssavirus	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	20	0	Lyssavirus	0
	Dormice - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	126	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	15	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	11	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	6	0	Lyssavirus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Piemonte	Mice - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	Lyssavirus	0
	Squirrels - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
Valle d'Aosta/Vallée d'Aoste (NUTS level 2)	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	18	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	7	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	2	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	75	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	12	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	6	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	3	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	0	Lyssavirus	0
Liguria	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Lyssavirus	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	herd/flock	1	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	54	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	13	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	32	0	Lyssavirus	0
Lombardia	Bats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	22	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	72	0	Lyssavirus	0
	Dormice - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	610	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	127	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	14	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	9	0	Lyssavirus	0
	Mice - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	0	Lyssavirus	0
	Rats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	Lyssavirus	0
	Squirrels - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	71	0	Lyssavirus	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
Provincia Autonoma di Bolzano/Bozen (NUTS 2006)	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Lyssavirus	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	3	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	36	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	297	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	283	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	11	0	Lyssavirus	0
	Bears - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	4	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Lyssavirus	0
Provincia Autonoma di Trento (NUTS 2006)	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	5	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	54	0	Lyssavirus	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	2	0	Lyssavirus	0
	Rodents - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	16	0	Lyssavirus	0
	Bats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	2	0	Lyssavirus	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	112	0	Lyssavirus	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Lazio (NUTS 2006)	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	2	0	Lyssavirus	0
Abruzzo	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	0	Lyssavirus	0
Molise	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Lyssavirus	0
	Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
Campania	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	19	0	Lyssavirus	0
Puglia	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	Lyssavirus	0
	Mice - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal	1	0	Lyssavirus	0
Calabria	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	5	0	Lyssavirus	0
Sicilia	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Lyssavirus	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	0	Lyssavirus	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	2	0	Lyssavirus	0

Table MYCOBACTERIUM in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Alpacas - wild - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Mycobacterium	0
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	20	0	Mycobacterium	0
	Bears - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal	1	0	Mycobacterium	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - active - Official sampling - Not specified	animal	47	0	Mycobacterium	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	1	0	Mycobacterium	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	9	0	Mycobacterium	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - passive - Official sampling - Not specified	animal	2	0	Mycobacterium	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Mycobacterium	0
	Cats - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Mycobacterium	0
	Cats - pet animals - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	1	0	Mycobacterium	0
	Cats - pet animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Mycobacterium	0
	Cats - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Mycobacterium	0
	Cattle (bovine animals) - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Mycobacterium bovis	1
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Monitoring - active - Official sampling - Not specified	animal	62	0	Mycobacterium	0
	Deer - wild - Natural habitat - Italy - animal sample - Monitoring - active - Official sampling - Not specified	animal	32	0	Mycobacterium	0
	Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	9	2	Mycobacterium, atypical	2
	Deer - wild - roe deer - Farm - Italy - animal sample - Monitoring - active - Official sampling - Not specified	animal	201	0	Mycobacterium	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Mycobacterium	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - active - Official sampling - Not specified	animal	22	0	Mycobacterium	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	2	0	Mycobacterium	0
	Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - Monitoring - active - Official sampling - Not specified	animal	1	0	Mycobacterium	0
	Deer - wild - roe deer - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Mycobacterium	0
	Deer - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Mycobacterium	0
	Dogs - pet animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Mycobacterium	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Mycobacterium	0
	Goats - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	2	1	Mycobacterium spp., unspecified	1
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Mycobacterium	0
	Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	2	0	Mycobacterium	0
	Goats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding	2	0	Mycobacterium	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	1	0	Mycobacterium	0
	Mouflons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	3	0	Mycobacterium	0
	Parrots - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Mycobacterium	0
	Parrots - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	4	1	Mycobacterium spp., unspecified	1
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	2	0	Mycobacterium	0
	Pigs - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock	2808	12	Mycobacterium bovis	4
					Mycobacterium spp., unspecified	8
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	2	1	Mycobacterium spp., unspecified	1
	Pigs - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Mycobacterium	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	2	0	Mycobacterium	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Sheep - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	10	1	Mycobacterium spp., unspecified	1
	Sheep - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding	1	0	Mycobacterium	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	1	0	Mycobacterium	0
	Steinbock - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Mycobacterium	0
	Turtles - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	11	0	Mycobacterium	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Mycobacterium bovis	1
	Water buffalos - farmed - Farm - Italy - animal sample - Control and eradication programmes - Official sampling - Census	animal	27487 7	1342	Mycobacterium bovis	1,342
	Water buffalos - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Mycobacterium	0
	Wild boars - farmed - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock	603	78	Mycobacterium spp., unspecified	78
	Wild boars - farmed - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock	1	0	Mycobacterium	0
	Wild boars - farmed - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Mycobacterium	0
	Wild boars - farmed - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	103	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - active - Official sampling - Not specified	animal	40	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	69	23	Mycobacterium microti	22
					Mycobacterium tuberculosis complex (MTC)	1
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	45	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	4	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - passive - Official sampling - Not specified	animal	34	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	20	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Mycobacterium	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - Not applicable - Not specified	animal	69	2	Mycobacterium spp., unspecified	2
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	37	7	Mycobacterium spp., unspecified	4
					Mycobacterium tuberculosis complex (MTC)	3

Table 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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Alpacas - zoo animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	4	1	Salmonella Napoli	1
	Alpacas - zoo animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	15	0	Salmonella	0
	Badgers - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	0	Salmonella	0
	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	27	5	Salmonella enterica, subspecies diarizonae	2
							Salmonella Enteritidis	2
							Salmonella Typhimurium	1
	Badgers - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	16	0	Salmonella	0
	Bats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	1	0	Salmonella	0
	Bats - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	7	0	Salmonella	0
	Bats - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	3	0	Salmonella	0
	Bears - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Birds - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	0	Salmonella	0
	Birds - pet animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	4	2	Salmonella Agbeni	1
							Salmonella Typhimurium	1
	Birds - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	3	0	Salmonella	0
	Birds - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	21	0	Salmonella	0
	Birds - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	7	0	Salmonella	0
	Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	171	0	Salmonella	0
	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	429	12	Salmonella Agama	1
							Salmonella Bousso	1
							Salmonella Cerro	9
							Salmonella Napoli	1
	Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Suspect sampling	animal		N_A	1	0	Salmonella	0
	Birds - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	104	0	Salmonella	0
	Birds - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	0	Salmonella	0
	Birds - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	6	0	Salmonella	0
	Canary - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	119	0	Salmonella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	5	0	Salmonella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	118	0	Salmonella	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	5	0	Salmonella	0
	Cantabrian chamois - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	5	0	Salmonella	0
	Cats - pet animals - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	4	0	Salmonella	0

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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cats - pet animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	49	0	Salmonella	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	45	0	Salmonella	0
	Cats - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	319	1	Salmonella Typhimurium	1
	Cats - stray cats - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	7	0	Salmonella	0
	Cats - stray cats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	7	0	Salmonella	0
	Cattle (bovine animals) - breeding bulls - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock		N_A	1	0	Salmonella	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	2	0	Salmonella	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock		N_A	2	0	Salmonella	0
	Cattle (bovine animals) - dairy cows - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	herd/flock		N_A	1	0	Salmonella	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	20	1	Salmonella spp., unspecified	1
		herd/flock		N_A	196	2	Salmonella spp., unspecified	2
		holding		N_A	74	1	Salmonella Kasenyi	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	46	3	Salmonella spp., unspecified	1
							Salmonella Typhimurium	1
							Salmonella Typhimurium, monophasic	1
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	199	0	Salmonella	0
		herd/flock		N_A	33	0	Salmonella	0
	Cattle (bovine animals) - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal		N_A	10	0	Salmonella	0
	Cattle (bovine animals) - meat production animals - calves (under 1 year) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	13	0	Salmonella	0
	Cattle (bovine animals) - meat production animals - fattening cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	1	0	Salmonella	0
	Cattle (bovine animals) - meat production animals - young cattle (1-2 years) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	1	0	Salmonella	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	9	1	Salmonella spp., unspecified	1
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	999	0	Salmonella	0
		holding		N_A	14	0	Salmonella	0
		slaughter animal batch		N_A	337	3	Salmonella Bredeney	2
							Salmonella Typhimurium	1
	Cattle (bovine animals) - Slaughterhouse - Italy - food sample - carcase swabs - Clinical investigations - Not applicable - Not specified	animal		N_A	89	0	Salmonella	0
	Cattle (bovine animals) - Slaughterhouse - Italy - food sample - carcase swabs - Monitoring - Official sampling - Suspect sampling	animal		N_A	80	0	Salmonella	0
	Cattle (bovine animals) - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	3	0	Salmonella	0
		herd/flock		N_A	2	0	Salmonella	0
	Corvids, unspecified - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	23	0	Salmonella	0

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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	0	Salmonella	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	72	0	Salmonella	0
	Deer - wild - fallow deer - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	76	0	Salmonella	0
	Deer - wild - red deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	4	0	Salmonella	0
	Deer - wild - red deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	1	0	Salmonella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	5	0	Salmonella	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	450	2	Salmonella enterica, subspecies diarizonae	1
							Salmonella spp., unspecified	1
	Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	4	0	Salmonella	0
	Deer - wild - roe deer - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Deer - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	6	0	Salmonella	0
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	0	Salmonella	0
		holding		N_A	1	0	Salmonella	0
	Dogs - pet animals - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	5	0	Salmonella	0
	Dogs - pet animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	9	1	Salmonella Isangi	1
	Dogs - pet animals - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	163	4	Salmonella Hermannswerder	1
							Salmonella spp., unspecified	3
	Dogs - pet animals - Unspecified - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	18	0	Salmonella	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	398	0	Salmonella	0
	Dogs - stray dogs - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	3	0	Salmonella	0
	Dolphin - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	11	1	Salmonella Typhimurium	1
	Dolphin - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	7	0	Salmonella	0
	Ducks - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	6	0	Salmonella	0
	Ducks - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	1	Salmonella Typhimurium	1
	Ducks - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Ducks - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	2	0	Salmonella	0
	Ducks - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	3	1	Salmonella Toulon	1
	Falcons - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	4	0	Salmonella	0
	Falcons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	1	0	Salmonella	0
	Falcons - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Foxes - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	58	0	Salmonella	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	323	5	Salmonella enterica, subspecies enterica	1
							Salmonella Indiana	1
							Salmonella Typhimurium	1
							Salmonella Typhimurium, monophasic	2

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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Foxes - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	78	1	Salmonella Veneziana	1
	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	1156	Y	1097	21	Salmonella Derby	7
							Salmonella Other serovars	14
	Gallus gallus (fowl) - breeding flocks, unspecified - during rearing period - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	537	N_A	365	1	Salmonella Veneziana	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Industry sampling - Census	herd/flock	24500	N_A	15274	1287	Salmonella Infantis	660
							Salmonella Livingstone	185
							Salmonella Other serovars	441
							Salmonella Typhimurium	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	24500	Y	16301	1364	Salmonella Infantis	709
							Salmonella Livingstone	199
							Salmonella Other serovars	331
							Salmonella Thompson	123
							Salmonella Typhimurium	1
							Salmonella Typhimurium, monophasic	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	24500	N_A	1027	67	Salmonella Infantis	48
							Salmonella Livingstone	10
							Salmonella Other serovars	8
							Salmonella Typhimurium, monophasic	1
	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	27	0	Salmonella	0
		herd/flock		N_A	7	0	Salmonella	0
	Gallus gallus (fowl) - broilers - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	holding		N_A	1	0	Salmonella	0
	Gallus gallus (fowl) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	1	0	Salmonella	0
		holding		N_A	16	1	Salmonella Kentucky	1
	Gallus gallus (fowl) - laying hens - adult - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	2959	Y	2321	138	Salmonella 1,4,[5],12:i:-	3
							Salmonella Enteritidis	9
							Salmonella Infantis	9
							Salmonella Kentucky	54
							Salmonella Other serovars	53
							Salmonella Typhimurium	10
	Gallus gallus (fowl) - laying hens - during rearing period - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	961	N_A	791	6	Salmonella Kentucky	1
							Salmonella Other serovars	4
							Salmonella Typhimurium	1
	Gallus gallus (fowl) - laying hens - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	11	1	Salmonella Napoli	1
		herd/flock		N_A	11	0	Salmonella	0
		holding		N_A	37	0	Salmonella	0
	Gallus gallus (fowl) - laying hens - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	holding		N_A	1	0	Salmonella	0
	Gallus gallus (fowl) - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	3	1	Salmonella Infantis	1
	Gallus gallus (fowl) - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	12	1	Salmonella spp., 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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Geese - unspecified - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	3	0	Salmonella	0
	Geese - unspecified - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Giraffes - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding		N_A	1	0	Salmonella	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	9	0	Salmonella	0
		herd/flock		N_A	80	0	Salmonella	0
		holding		N_A	18	0	Salmonella	0
	Goats - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	7	0	Salmonella	0
		herd/flock		N_A	3	0	Salmonella	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	82	1	Salmonella Choleraesuis	1
		herd/flock		N_A	11	0	Salmonella	0
		holding		N_A	4	0	Salmonella	0
	Goats - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal		N_A	5	0	Salmonella	0
	Goats - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Goats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	6	0	Salmonella	0
	Guinea pigs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Gulls - wild - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	44	1	Salmonella Typhimurium, monophasic	1
	Gulls - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	0	Salmonella	0
	Gulls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling	animal		N_A	1	0	Salmonella	0
	Hamsters - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	44	0	Salmonella	0
	Hares - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	3	0	Salmonella	0
		holding		N_A	1	0	Salmonella	0
	Hares - wild - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	3	0	Salmonella	0
	Hares - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	13	0	Salmonella	0
	Hares - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	50	0	Salmonella	0
	Hares - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	2	0	Salmonella	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Hedgehogs - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified			N_A	64	10	Salmonella Enteritidis	3
							Salmonella Kottbus	1
							Salmonella Kouka	1
							Salmonella spp., unspecified	1
							Salmonella Typhimurium	1
							Salmonella Typhimurium, monophasic	3
	Hedgehogs - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Kangaroos - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	0	Salmonella	0
	Lamas - zoo animal - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	2	0	Salmonella	0
	Lynx - wild - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0

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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Magpies - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	8	1	Salmonella Veneziana	1
	Marten - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	8	0	Salmonella	0
	Monkeys - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Monkeys - zoo animal - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	24	0	Salmonella	0
	Monkeys - zoo animal - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	4	0	Salmonella	0
	Mouflons - wild - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Mouflons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	4	1	Salmonella spp., unspecified	1
	Night herons - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	1	0	Salmonella	0
	Night herons - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	1	1	Salmonella Typhimurium, monophasic	1
	Other animals - unspecified - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Parrots - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	1	0	Salmonella	0
	Parrots - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	6	0	Salmonella	0
	Parrots - pet animals - Unspecified - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Parrots - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	20	0	Salmonella	0
	Partridges - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	15	0	Salmonella	0
	Passeriformes, unspecified - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Peafowl - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	6	0	Salmonella	0
		holding		N_A	1	0	Salmonella	0
	Peafowl - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Pheasants - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	132	0	Salmonella	0
	Pigeons - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	7	0	Salmonella	0
		holding		N_A	2	0	Salmonella	0
	Pigeons - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	3	0	Salmonella	0
	Pigeons - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Pigeons - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	24	0	Salmonella	0
	Pigeons - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	125	9	Salmonella Typhimurium	9
	Pigeons - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	100	2	Salmonella Typhimurium	2
	Pigeons - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	9	1	Salmonella Typhimurium	1
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	5	0	Salmonella	0
		herd/flock		N_A	277	1	Salmonella Typhisuis	1
		holding		N_A	7	0	Salmonella	0
	Pigs - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	2	0	Salmonella	0
		herd/flock		N_A	4	2	Salmonella London	1
							Salmonella spp., unspecified	1
	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	187	28	Salmonella Altona	3
							Salmonella Choleraesuis	1
							Salmonella Derby	6

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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	187	28	Salmonella Goldcoast	1
							Salmonella Rissen	1
							Salmonella Typhimurium	4
							Salmonella Typhimurium, monophasic	12
	Pigs - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Pigs - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	10	2	Salmonella Rissen	1
							Salmonella Typhimurium, monophasic	1
	Pigs - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	1	Salmonella Goldcoast	1
	Pigs - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	1	0	Salmonella	0
		holding		N_A	4	0	Salmonella	0
	Pigs - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Pigs - Slaughterhouse - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	472	39	Salmonella Derby	28
							Salmonella enterica, subspecies enterica	2
							Salmonella Rissen	2
							Salmonella Typhimurium, monophasic	7
	Pigs - Slaughterhouse - Italy - food sample - carcase swabs - Clinical investigations - Not applicable - Not specified	animal		N_A	62	0	Salmonella	0
	Pigs - Slaughterhouse - Italy - food sample - carcase swabs - Monitoring - Official sampling - Suspect sampling	animal		N_A	61	0	Salmonella	0
	Pigs - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	5	0	Salmonella	0
	Polecats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	1	0	Salmonella	0
	Poultry, unspecified - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	21	1	Salmonella Senftenberg	1
	Poultry, unspecified - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	5	0	Salmonella	0
	Poultry, unspecified - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	389	8	Salmonella Javiana	8
	Poultry, unspecified - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	10	0	Salmonella	0
	Poultry, unspecified - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	18	0	Salmonella	0
	Poultry, unspecified - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	40	1	Salmonella Typhimurium	1
	Quails - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	8	1	Salmonella Typhimurium	1
	Quails - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Rabbits - farmed - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	6	0	Salmonella	0
	Rabbits - farmed - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Rabbits - farmed - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	5	0	Salmonella	0
	Rabbits - farmed - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	0	Salmonella	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	4	0	Salmonella	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	16	0	Salmonella	0
	Ratites (ostrich, emu, nandu) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	0	Salmonella	0



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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Rats - pet animal - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	1	0	Salmonella	0
	Rats - wild - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	20	0	Salmonella	0
	Rats - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	1	0	Salmonella	0
	Reptiles - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	40	0	Salmonella	0
	Reptiles - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	4	1	Salmonella enterica, subspecies arizonae	1
	Reptiles - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Rodents - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	13	0	Salmonella	0
	Rodents - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Rodents - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	6	0	Salmonella	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	48	4	Salmonella spp., unspecified	4	
			N_A	485	15	Salmonella Abortusovis	5	
						Salmonella enterica, subspecies diarizonae	1	
						Salmonella Kentucky	1	
						Salmonella spp., unspecified	8	
						Salmonella	0	
	Sheep - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	N_A	2	0	Salmonella	0	
		herd/flock	N_A	10	4	Salmonella Abortusovis	1	
						Salmonella spp., unspecified	3	
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	N_A	29	5	Salmonella Abortusovis	3	
						Salmonella enterica, subspecies diarizonae	2	
			herd/flock	N_A	93	0	Salmonella	0
			holding	N_A	6	0	Salmonella	0
	Sheep - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	N_A	8	0	Salmonella	0	
	Sheep - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	4	0	Salmonella	0	
	Sheep - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	N_A	1	0	Salmonella	0	
		herd/flock	N_A	2	0	Salmonella	0	
	Sheep - Slaughterhouse - Italy - food sample - carcase swabs - Clinical investigations - Not applicable - Not specified	animal	N_A	43	0	Salmonella	0	
	Sheep - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	1	0	Salmonella	0	
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	5	0	Salmonella	0	
		herd/flock	N_A	3	1	Salmonella Abortusequi	1	
		holding	N_A	1	0	Salmonella	0	
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	N_A	12	0	Salmonella	0	
		herd/flock	N_A	3	0	Salmonella	0	
	Solipeds, domestic - donkeys - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	N_A	1	0	Salmonella	0	

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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	24	4	Salmonella spp., unspecified	4
		herd/flock		N_A	4	0	Salmonella	0
		holding		N_A	5	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	11	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	6	0	Salmonella	0
	Solipeds, domestic - horses - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	16	8	Salmonella Abortusequi	8
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	0	Salmonella	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	2	0	Salmonella	0
		holding		N_A	1	0	Salmonella	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - food sample - carcase swabs - Clinical investigations - Not applicable - Not specified	animal		N_A	3	0	Salmonella	0
	Solipeds, domestic - horses - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	5	2	Salmonella spp., unspecified	2
	Squirrels - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	12	0	Salmonella	0
	Squirrels - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	1	0	Salmonella	0
	Steinbock - wild - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Steinbock - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	1	0	Salmonella	0
	Swans - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	2	0	Salmonella	0
	Turkeys - breeding flocks, unspecified - adult - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	226	Y	213	13	Salmonella Newport	12
							Salmonella Veneziana	1
	Turkeys - breeding flocks, unspecified - during rearing period - Farm - Italy - animal sample - Control and eradication programmes - Industry sampling - Census	herd/flock	139	N_A	120	1	Salmonella Veneziana	1
	Turkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	3	0	Salmonella	0
		herd/flock		N_A	1	0	Salmonella	0
	Turkeys - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock		N_A	1	0	Salmonella	0
	Turkeys - fattening flocks - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	5876	Y	3063	309	Salmonella Hadar	17
							Salmonella Infantis	45
							Salmonella Newport	50
							Salmonella Other serovars	189
							Salmonella Typhimurium	8
	Turtles - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	2	0	Salmonella	0
	Turtles - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	5	0	Salmonella	0
	Turtles - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	3	0	Salmonella	0
	Turtles - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	42	2	Salmonella Chester	1
							Salmonella Paratyphi B	1
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	3	0	Salmonella	0
		herd/flock		N_A	10	0	Salmonella	0
		holding		N_A	2	0	Salmonella	0
	Wild boars - farmed - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	7	0	Salmonella	0

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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Wild boars - farmed - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock		N_A	66	0	Salmonella	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal		N_A	7	1	Salmonella Derby	1
	Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	331	19	Salmonella Bispebjerg	1
							Salmonella Coeln	2
							Salmonella enterica, subsp. houtenae	1
							Salmonella enterica, subspecies diarizonae	2
							Salmonella enterica, subspecies salamae	4
							Salmonella Kottbus	1
							Salmonella spp., unspecified	2
							Salmonella Thompson	1
							Salmonella Typhimurium	4
							Salmonella Veneziana	1
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	1	0	Salmonella	0
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	3	0	Salmonella	0
	Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal		N_A	5	1	Salmonella Typhimurium, monophasic	1
	Wolves - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal		N_A	4	0	Salmonella	0

Table SALMONELLA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	All foodstuffs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	572	0	Salmonella	0
	All foodstuffs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	40	0	Salmonella	0
	All foodstuffs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	285	0	Salmonella	0
	Bakery products - bread - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	12	0	Salmonella	0
	Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Bakery products - cakes - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Bakery products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	19	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	9	0	Salmonella	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Bakery products - desserts - containing raw eggs and cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	111	0	Salmonella	0
	Bakery products - pastry - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Bakery products - pastry - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	13	0	Salmonella	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	55	0	Salmonella	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Bakery products - pastry - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Bakery products - pastry - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	15	0	Salmonella	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	427	1	Salmonella Cerro	1
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Bakery products - pastry - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Bakery products - pastry - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	57	0	Salmonella	0
	Bakery products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Bakery products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Bakery products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Beverages, alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Beverages, alcoholic - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Beverages, non-alcoholic - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	13	0	Salmonella	0
	Beverages, non-alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Cheeses made from cows' milk - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses made from cows' milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	30	0	Salmonella	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	9	0	Salmonella	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	26	0	Salmonella	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	11	0	Salmonella	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	30	0	Salmonella	0
	Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	16	0	Salmonella	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	25	0	Salmonella	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	16	0	Salmonella	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	157	0	Salmonella	0
	Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	83	0	Salmonella	0
	Cheeses made from cows' milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	32	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	11	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	38	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	43	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses made from goats' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Cheeses made from goats' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Cheeses made from sheep's milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Cheeses made from sheep's milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	30	0	Salmonella	0
	Cheeses made from sheep's milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	17	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - curd - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	36	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - curd - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	20	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	11	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1526	9	Salmonella enterica, subspecies diarizonae	4
							Salmonella spp., unspecified	5
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	81	1	Salmonella enterica, subspecies diarizonae	1
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	47	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	114	1	Salmonella enterica, subspecies diarizonae	1
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	383	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	123	0	Salmonella	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	30	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	8	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	81	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	42	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	20	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Chocolate - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	25	0	Salmonella	0
	Chocolate - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	30	0	Salmonella	0
	Chocolate - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	92	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cocoa and cocoa preparations, coffee and tea - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Cocoa and cocoa preparations, coffee and tea - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Cocoa and cocoa preparations, coffee and tea - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	58	0	Salmonella	0
	Coconut - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Crustaceans - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Crustaceans - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	29	0	Salmonella	0
	Crustaceans - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	50	0	Salmonella	0
	Crustaceans - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	322	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	82	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	43	0	Salmonella	0
	Dairy products (excluding cheeses) - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dairy products (excluding cheeses) - cream - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy desserts - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	11	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	208	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	89	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	595	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	316	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	54	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	22	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	7	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	24	0	Salmonella	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	141	0	Salmonella	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	182	0	Salmonella	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	7	0	Salmonella	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	18	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	34	0	Salmonella	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	9	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Dairy products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	17	0	Salmonella	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Dairy products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Egg products - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Egg products - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Egg products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	55	0	Salmonella	0
	Egg products - dried - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Egg products - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Egg products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	86	0	Salmonella	0
	Egg products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	15	0	Salmonella	0
	Egg products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Egg products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Egg products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Egg products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	301	0	Salmonella	0
	Egg products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	34	0	Salmonella	0
	Eggs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	11	0	Salmonella	0
	Eggs - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Eggs - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Eggs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	137	0	Salmonella	0
			50	Gram	1	0	Salmonella	0
	Eggs - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	22	0	Salmonella	0
	Eggs - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Eggs - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	17	0	Salmonella	0
	Eggs - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	65	0	Salmonella	0
	Eggs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	171	1	Salmonella Ohio	1
	Eggs - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Eggs - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Eggs - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Eggs - table eggs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Eggs - table eggs - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Eggs - table eggs - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Eggs - table eggs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Eggs - table eggs - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Eggs - table eggs - shell - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	11	0	Salmonella	0
	Eggs - table eggs - shell - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Eggs - table eggs - shell - Processing plant - Italy - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Eggs - table eggs - shell - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Eggs - table eggs - white - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	22	0	Salmonella	0
	Eggs - table eggs - white - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Eggs - table eggs - white - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Eggs - table eggs - yolk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	20	0	Salmonella	0
	Eggs - table eggs - yolk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Eggs - table eggs - yolk - Slaughterhouse - Italy - food sample - carcass swabs - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fats and oils (excluding butter) - fats - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Fats and oils (excluding butter) - fats - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Salmonella	0
	Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Fish - cooked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fish - cooked - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Fish - marinated - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fish - unspecified - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	30	0	Salmonella	0
	Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	70	0	Salmonella	0
	Fish - unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	420	0	Salmonella	0
	Fish - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	192	0	Salmonella	0
	Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	45	0	Salmonella	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Fish (food) - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	52	0	Salmonella	0
	Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fish (food) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	178	0	Salmonella	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	Salmonella	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fish (food) - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fish (food) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Fish (food) - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fishery products, unspecified - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	30	0	Salmonella	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fishery products, unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fishery products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	47	0	Salmonella	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	131	0	Salmonella	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	452	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	209	1	Salmonella spp., unspecified	1
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Fishery products, unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	89	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	40	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	170	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - dried dietary foods for special medical purposes intended for infants below 6 months - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	0	Salmonella	0
	Fruits - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	22	0	Salmonella	0
	Fruits - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	9	0	Salmonella	0
	Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	16	0	Salmonella	0
	Fruits - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Fruits - products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fruits - products - dried - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fruits - products - dried - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Fruits - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Fruits - products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	168	0	Salmonella	0
	Fruits - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Fruits and vegetables - products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fruits and vegetables - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fruits and vegetables - products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Fruits and vegetables - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	16	0	Salmonella	0
	Fruits and vegetables - products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Infant formula - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Infant formula - liquid - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Infant formula - liquid - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Infant formula - liquid - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	33	0	Salmonella	0
	Infant formula - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	234	0	Salmonella	0
	Infant formula - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	54	0	Salmonella	0
	Meat from bovine animals - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	187	0	Salmonella	0
	Meat from bovine animals - fresh - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from bovine animals - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1338	0	Salmonella	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	15	0	Salmonella	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	81	0	Salmonella	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	33	1	Salmonella Typhimurium, monophasic	1
	Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	25	0	Salmonella	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from bovine animals - fresh - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	21	0	Salmonella	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Meat from bovine animals - meat preparation - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	10	Gram	2	0	Salmonella	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	30	0	Salmonella	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Meat from bovine animals - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	51	0	Salmonella	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	19	0	Salmonella	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	34	0	Salmonella	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	110	0	Salmonella	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	15	0	Salmonella	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Meat from bovine animals - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Meat from bovine animals - offal - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from bovine animals - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Meat from bovine animals - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from bovine animals - offal - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	14	0	Salmonella	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	16	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - minced meat - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from deer (venison) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from geese - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Meat from geese - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from goat - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from goat - fresh - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from goat - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from goat - fresh - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from goat - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from goat - offal - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from horse - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	15	0	Salmonella	0
	Meat from horse - fresh - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from horse - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from horse - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from horse - fresh - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from horse - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Meat from horse - offal - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from other animal species or not specified - carcase - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - carcase - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	24	1	Salmonella spp., unspecified	1
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	32	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	244	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	253	8	Salmonella Anatum	1
							Salmonella Derby	1
							Salmonella Infantis	4
							Salmonella Saintpaul	1
							Salmonella spp., unspecified	1
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	40	1	Salmonella spp., unspecified	1
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	19	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	155	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	480	21	Salmonella Agona	1
							Salmonella Bredeney	1
							Salmonella Haifa	1
							Salmonella Infantis	13
							Salmonella Muenchen	2
							Salmonella Nigeria	2
							Salmonella spp., unspecified	1
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	51	0	Salmonella	0
	Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	36	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	33	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	11	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - intended to be eaten cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	693	27	Salmonella Anatum	1
							Salmonella Derby	6
							Salmonella Give	1
							Salmonella Hadar	1
							Salmonella Infantis	8
							Salmonella Montevideo	1
							Salmonella Rissen	2



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	693	27	Salmonella Saintpaul	1
							Salmonella spp., unspecified	1
							Salmonella Typhimurium, monophasic	6
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	20	1	Salmonella Saintpaul	1
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	96	32	Salmonella Anatum	2
							Salmonella Brandenburg	1
							Salmonella Derby	3
							Salmonella Kapemba	1
							Salmonella Mishmarhaemek	1
							Salmonella Panama	1
							Salmonella Rissen	1
							Salmonella spp., unspecified	1
							Salmonella Typhimurium	1
							Salmonella Typhimurium, monophasic	20
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	11	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	963	49	Salmonella Brandenburg	1
							Salmonella Derby	4
							Salmonella Give	4
							Salmonella Goldcoast	1
							Salmonella Hadar	1
							Salmonella Heidelberg	1
							Salmonella Infantis	17
							Salmonella Montevideo	1
							Salmonella Newport	1
							Salmonella Panama	2
							Salmonella Schwarzengrund	1
							Salmonella Stanley	1
							Salmonella Typhimurium	2
							Salmonella Typhimurium, monophasic	12
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	207	0	Salmonella	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	8	1	Salmonella Typhimurium	1
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	51	3	Salmonella Derby	2
							Salmonella spp., unspecified	1
	Meat from other animal species or not specified - meat products - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	80	2	Salmonella spp., unspecified	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	12	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	138	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	731	10	Salmonella Derby	3
							Salmonella Manhattan	1
							Salmonella spp., unspecified	4
							Salmonella Typhimurium, monophasic	2
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	215	1	Salmonella Rissen	1
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	12	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	214	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	20	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1490	87	Salmonella Derby	2
							Salmonella Goettingen	1
							Salmonella Infantis	25
							Salmonella Rissen	6
							Salmonella spp., unspecified	46
							Salmonella Typhimurium	1
							Salmonella Typhimurium, monophasic	6
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	27	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	12	0	Salmonella	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	263	2	Salmonella Manhattan	1
							Salmonella Typhimurium, monophasic	1
	Meat from other animal species or not specified - meat products - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	334	22	Salmonella Derby	10
							Salmonella Infantis	2
							Salmonella Muenchen	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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - meat products - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	334	22	Salmonella Typhimurium, monophasic	6
							Salmonella Virchow	1
	Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from other animal species or not specified - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Meat from other animal species or not specified - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from other animal species or not specified - mechanically separated meat (MSM) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	1	Salmonella London	1
	Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	27	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	87	1	Salmonella spp., unspecified	1
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	16	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	12	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	512	5	Salmonella enterica, subspecies enterica	1
							Salmonella Newport	1
							Salmonella spp., unspecified	1
							Salmonella Typhimurium	1
							Salmonella Typhimurium, monophasic	1
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	200	0	Salmonella	0
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	76	5	Salmonella spp., unspecified	5
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	37	4	Salmonella Infantis	3
							Salmonella Typhimurium, monophasic	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	66	2	Salmonella Enteritidis	1
							Salmonella Rissen	1
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	13	0	Salmonella	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	17	2	Salmonella London	1
							Salmonella Typhimurium, monophasic	1
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	256	6	Salmonella Derby	1
							Salmonella Infantis	2
							Salmonella spp., unspecified	2
							Salmonella Typhimurium, monophasic	1
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	28	0	Salmonella	0
	Meat from other animal species or not specified - offal - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from pig - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	247	6	Salmonella spp., unspecified	4
							Salmonella Typhimurium, monophasic	2
	Meat from pig - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	506	5	Salmonella spp., unspecified	5
	Meat from pig - fresh - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from pig - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	19	0	Salmonella	0
	Meat from pig - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	35	0	Salmonella	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	21	0	Salmonella	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	14	1	Salmonella spp., unspecified	1
	Meat from pig - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	128	1	Salmonella spp., unspecified	1
	Meat from pig - fresh - Processing plant - Italy - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	39	3	Salmonella Derby	2
							Salmonella Typhimurium, monophasic	1
	Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Meat from pig - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from pig - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from pig - fresh - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from pig - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Meat from pig - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	201	1	Salmonella Rissen	1
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	61	7	Salmonella Brandenburg	1
							Salmonella Derby	1
							Salmonella Give	1
							Salmonella spp., unspecified	4
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	52	0	Salmonella	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	195	20	Salmonella Brandenburg	2
							Salmonella Derby	3
							Salmonella London	5
							Salmonella Typhimurium, monophasic	10
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	35	1	Salmonella Derby	1
	Meat from pig - meat preparation - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	16	1	Salmonella London	1
	Meat from pig - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	894	1	Salmonella spp., unspecified	1
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	59	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	14	0	Salmonella	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1220	0	Salmonella	0
	Meat from pig - meat products - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	10	Gram	2	0	Salmonella	0
			25	Gram	1	0	Salmonella	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	511	6	Salmonella spp., unspecified	2
							Salmonella Typhimurium, monophasic	4
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	29	0	Salmonella	0
	Meat from pig - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from pig - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Meat from pig - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Meat from pig - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	62	5	Salmonella Livingstone	1
							Salmonella Typhimurium, monophasic	4
	Meat from pig - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from pig - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from pig - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	125	2	Salmonella Derby	1
							Salmonella Typhimurium, monophasic	1
	Meat from pig - offal - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from pig - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from poultry, unspecified - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from poultry, unspecified - fresh - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Meat from poultry, unspecified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	30	0	Salmonella	0
	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	136	5	Salmonella Cerro	2
							Salmonella Enteritidis	2
							Salmonella Infantis	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from poultry, unspecified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	76	0	Salmonella	0
	Meat from poultry, unspecified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	108	7	Salmonella Coeln	1
							Salmonella Infantis	7
	Meat from poultry, unspecified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	9	3	Salmonella Infantis	3
	Meat from poultry, unspecified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	9	0	Salmonella	0
	Meat from poultry, unspecified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	30	7	Salmonella Infantis	7
	Meat from poultry, unspecified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Meat from poultry, unspecified - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	9	0	Salmonella	0
	Meat from poultry, unspecified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Meat from poultry, unspecified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	25	0	Salmonella	0
	Meat from poultry, unspecified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from poultry, unspecified - offal - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Meat from rabbit - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	38	0	Salmonella	0
	Meat from rabbit - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from rabbit - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	0	Salmonella	0
	Meat from rabbit - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from rabbit - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from rabbit - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from sheep - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Meat from sheep - fresh - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from sheep - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from sheep - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	7	0	Salmonella	0
	Meat from sheep - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from sheep - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from sheep - fresh - Slaughterhouse - Italy - food sample - carcase swabs - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from sheep - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from sheep - offal - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from turkey - fresh - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Meat from turkey - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Meat from turkey - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	33	0	Salmonella	0
	Meat from turkey - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from turkey - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from turkey - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	25	0	Salmonella	0
	Meat from turkey - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from turkey - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Meat from turkey - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	1	Salmonella Infantis	1



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from turkey - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from turkey - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	65	3	Salmonella Infantis	3
	Meat from turkey - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from turkey - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	1	Salmonella Kentucky	1
							Salmonella Saintpaul	1
	Meat from turkey - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	15	0	Salmonella	0
	Meat from turkey - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Salmonella	0
	Meat from wild boar - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Meat from wild boar - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Milk from other animal species or unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	499	0	Salmonella	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	7	0	Salmonella	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Milk from other animal species or unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	21	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	18	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	9	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	72	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	48	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	430	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	16	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	290	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	95	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	8	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	277	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk from other animal species or unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Salmonella	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk, cows' - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Milk, cows' - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	11	0	Salmonella	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	197	0	Salmonella	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	Salmonella	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Milk, goats' - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk, goats' - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Milk, sheep's - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Molluscan shellfish - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Molluscan shellfish - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	536	3	Salmonella Give	1
							Salmonella spp., unspecified	1
							Salmonella Typhimurium, monophasic	1
	Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	148	0	Salmonella	0
	Molluscan shellfish - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	8	0	Salmonella	0
	Molluscan shellfish - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	97	0	Salmonella	0
	Molluscan shellfish - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Molluscan shellfish - Processing plant - Italy - Not Available - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	50	0	Salmonella	0
	Molluscan shellfish - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	860	4	Salmonella Orlando	1
							Salmonella Poona	1
							Salmonella spp., unspecified	2
	Molluscan shellfish - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	156	0	Salmonella	0
	Molluscan shellfish - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	75	6	Salmonella spp., unspecified	6
	Molluscan shellfish - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Other processed food products and prepared dishes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	24	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	74	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	9	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	7	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	321	1	Salmonella Saintpaul	1
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Other processed food products and prepared dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Other processed food products and prepared dishes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Other processed food products and prepared dishes - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	75	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	40	1	Salmonella spp., unspecified	1
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	955	5	Salmonella spp., unspecified	5
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	22	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	923	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	237	2	Salmonella spp., unspecified	2
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	13	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	14	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	116	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	44	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - Not Available - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1066	8	Salmonella Agbeni	1
							Salmonella Kedougou	1
							Salmonella Senftenberg	2
							Salmonella spp., unspecified	4
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	46	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	16	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	468	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Other products of animal origin - gelatin and collagen - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Other products of animal origin - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Other products of animal origin - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	67	0	Salmonella	0
	Sauce and dressings - mayonnaise - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Salmonella	0
	Sauce and dressings - mayonnaise - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Sauce and dressings - mayonnaise - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Sauce and dressings - mayonnaise - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Sauce and dressings - mayonnaise - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Salmonella	0
	Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	25	0	Salmonella	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	105	0	Salmonella	0
	Spices and herbs - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Spices and herbs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Salmonella	0
	Spices and herbs - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Spices and herbs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	61	0	Salmonella	0
	Spices and herbs - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Salmonella	0
	Spices and herbs - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Salmonella	0
	Sweets - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Salmonella	0
	Sweets - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	0	Salmonella	0
	Sweets - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	14	0	Salmonella	0
	Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	32	0	Salmonella	0
	Vegetables - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Salmonella	0
	Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	67	0	Salmonella	0
	Vegetables - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	19	0	Salmonella	0
	Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	23	1	Salmonella Anatum	1
	Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	33	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Vegetables - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	24	0	Salmonella	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	720	0	Salmonella	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	15	0	Salmonella	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed d)	25	Gram	3	0	Salmonella	0
	Vegetables - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	3	0	Salmonella	0
	Vegetables - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	12	0	Salmonella	0
	Vegetables - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	Salmonella	0
	Water - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	5	0	Salmonella	0
	Water - potable water - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	Salmonella	0
	Water - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	Salmonella	0



Table 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	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	All feedingstuffs - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	6	0	Salmonella	0
	All feedingstuffs - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	3	0	Salmonella	0
	All feedingstuffs - Farm - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	Salmonella	0
	All feedingstuffs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	Salmonella	0
	All feedingstuffs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	Salmonella	0
	All feedingstuffs - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	3	0	Salmonella	0
	Complementary feedingstuffs - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	67	0	Salmonella	0
	Complementary feedingstuffs - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	2	0	Salmonella	0
		single (food/feed d)	25	Gram	28	0	Salmonella	0
	Complementary feedingstuffs - Farm - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	batch (food/feed d)	25	Gram	11	0	Salmonella	0
		single (food/feed d)	25	Gram	1	0	Salmonella	0
	Complementary feedingstuffs - Farm - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1	0	Salmonella	0
	Complementary feedingstuffs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed d)	25	Gram	13	0	Salmonella	0
		single (food/feed d)	25	Gram	32	0	Salmonella	0
	Complementary feedingstuffs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	13	0	Salmonella	0
	Complementary feedingstuffs - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	26	0	Salmonella	0
	Complementary feedingstuffs - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	7	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Compound feedingstuffs for cattle - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Compound feedingstuffs for cattle - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Compound feedingstuffs for pigs - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Compound feedingstuffs for pigs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	7	0	Salmonella	0
	Compound feedingstuffs for pigs - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	61	0	Salmonella	0
		single (food/feed)	25	Gram	23	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Farm - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Farm - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	1	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	88	3	Salmonella Mishmarhaemek	1
							Salmonella Montevideo	1
							Salmonella Ohio	1
		single (food/feed)	25	Gram	8	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
		single (food/feed)	25	Gram	113	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Feed mill - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Compound feedingstuffs for poultry (non specified) - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	20	0	Salmonella	0
		single (food/feed)	25	Gram	12	0	Salmonella	0
	Compound feedingstuffs for rabbits - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Compound feedingstuffs for sheep - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Compound feedingstuffs for sheep - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	2	0	Salmonella	0
	Compound feedingstuffs, not specified - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	12	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	Salmonella	0
		single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - barley derived - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Salmonella	0
		batch (food/feed)	25	Gram	3	0	Salmonella	0
	Feed material of cereal grain origin - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	6	0	Salmonella	0
		batch (food/feed)	25	Gram	3	0	Salmonella	0
	Feed material of cereal grain origin - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - Farm - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	20	0	Salmonella	0
		single (food/feed)	25	Gram	3	0	Salmonella	0
	Feed material of cereal grain origin - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	5	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	2	0	Salmonella	0
	Feed material of cereal grain origin - maize derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Feed material of cereal grain origin - maize derived - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	2	0	Salmonella	0
	Feed material of cereal grain origin - other cereal grain derived - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - other cereal grain derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - other cereal grain derived - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	3	0	Salmonella	0
	Feed material of cereal grain origin - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	Salmonella	0
	Feed material of cereal grain origin - Retail - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of cereal grain origin - wheat derived - Retail - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of land animal origin - animal fat - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of land animal origin - blood meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of land animal origin - blood meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	16	0	Salmonella	0
	Feed material of land animal origin - bone meal - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Feed material of land animal origin - feather meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	15	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Feed material of land animal origin - meat meal - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	5	0	Salmonella	0
	Feed material of land animal origin - meat meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	2	0	Salmonella	0
		single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of land animal origin - meat meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	71	1	Salmonella Blockley	1
	Feed material of land animal origin - meat meal - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	Salmonella	0
	Feed material of land animal origin - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	2	0	Salmonella	0
	Feed material of marine animal origin - fish meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	4	0	Salmonella	0
	Feed material of marine animal origin - fish meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	38	1	Salmonella Dallgow	1
	Feed material of marine animal origin - fish meal - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	16	0	Salmonella	0
	Feed material of oil seed or fruit origin - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	2	0	Salmonella	0
	Feed material of oil seed or fruit origin - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of oil seed or fruit origin - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	7	0	Salmonella	0
	Feed material of oil seed or fruit origin - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Feed material of oil seed or fruit origin - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	10	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed)	25	Gram	17	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	11	1	Salmonella Llandoff	1
	Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	22	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	1	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	15	0	Salmonella	0
	Feed material of oil seed or fruit origin - soya (bean) derived - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	6	1	Salmonella Derby	1
	Other feed material - drinking water - Farm - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	13	0	Salmonella	0
	Other feed material - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed d)	25	Gram	27	1	Salmonella Mbandaka	1
		single (food/feed d)	25	Gram	225	2	Salmonella Kasenyi	1
							Salmonella Kentucky	1
	Other feed material - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	31	4	Salmonella spp., unspecified	4
		single (food/feed d)	25	Gram	54	1	Salmonella Anatum	1
	Other feed material - Farm - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	batch (food/feed d)	25	Gram	1	0	Salmonella	0
		single (food/feed d)	25	Gram	4	0	Salmonella	0
	Other feed material - Farm - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	5	0	Salmonella	0
	Other feed material - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed d)	25	Gram	89	3	Salmonella Orion	1
							Salmonella Senftenberg	1
							Salmonella Typhimurium	1
		single (food/feed d)	25	Gram	153	0	Salmonella	0
	Other feed material - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	batch (food/feed d)	25	Gram	1	0	Salmonella	0
		single (food/feed d)	25	Gram	140	1	Salmonella Agona	1
	Other feed material - Feed mill - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed d)	25	Gram	8	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Other feed material - Feed mill - Italy - feed sample - Unspecified - HACCP and own check - Not specified	single (food/feed d)	25	Gram	1159	0	Salmonella	0
	Other feed material - forages and roughages - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified	single (food/feed d)	25	Gram	1	0	Salmonella	0
	Other feed material - forages and roughages - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	2	0	Salmonella	0
	Other feed material - legume seeds and similar products - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	1	0	Salmonella	0
	Other feed material - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified	batch (food/feed d)	25	Gram	10	0	Salmonella	0
		single (food/feed d)	25	Gram	85	0	Salmonella	0
	Other feed material - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	30	2	Salmonella Give	1
							Salmonella Typhimurium, monophasic	1
	Premixtures - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling	single (food/feed d)	25	Gram	11	0	Salmonella	0

**Table STAPHYLOCOCCAL ENTEROTOXINS in food**

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	All foodstuffs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	16	1	Staphylococcal enterotoxins	1
	All foodstuffs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	All foodstuffs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	17	0	Staphylococcal enterotoxins	0
	Bakery products - bread - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Bakery products - cakes - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Staphylococcal enterotoxins	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Staphylococcal enterotoxins	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	21	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	16	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	16	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	16	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	6	0	Staphylococcal enterotoxins	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	61	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	11	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	18	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	9	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Staphylococcal enterotoxins	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	5	Enterotoxin, unspecified	5
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcal enterotoxins	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fe d)	25	Gram	1	1	Enterotoxin, unspecified	1
	Cheeses made from sheep's milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	20	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	7	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fe d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - curd - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fe d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fe d)	25	Gram	7	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - curd - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	2	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fe d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	7	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - hard - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fe d)	25	Gram	703	4	Staphylococcal enterotoxins	4
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fe d)	25	Gram	43	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fe d)	25	Gram	15	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fe d)	25	Gram	4	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	12	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	353	3	Staphylococcal enterotoxins	3
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	5	1	Staphylococcal enterotoxins	1
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	42	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	55	2	Staphylococcal enterotoxins	2
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	37	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	6	0	Staphylococcal enterotoxins	0
	Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Crustaceans - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	26	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dairy products (excluding cheeses) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	62	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	17	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - Processing plant - Italy - Not Available - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	14	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	37	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Dairy products (excluding cheeses) - yoghurt - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Dairy products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Egg products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Egg products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Staphylococcal enterotoxins	0
	Eggs - table eggs - white - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Fish - unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Staphylococcal enterotoxins	0
	Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	22	0	Staphylococcal enterotoxins	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	41	0	Staphylococcal enterotoxins	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Fish (food) - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	0	Staphylococcal enterotoxins	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	17	0	Staphylococcal enterotoxins	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	13	0	Staphylococcal enterotoxins	0
	Fishery products, unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Fruits and vegetables - products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Infant formula - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	22	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Staphylococcal enterotoxins	0
	Meat from pig - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from pig - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	0	Staphylococcal enterotoxins	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	16	0	Staphylococcal enterotoxins	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcal enterotoxins	0
	Meat from pig - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Meat from poultry, unspecified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Meat from poultry, unspecified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	34	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	20	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	26	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	17	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Staphylococcal enterotoxins	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk, cows' - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	Staphylococcal enterotoxins	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	Staphylococcal enterotoxins	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	31	2	Enterotoxin, unspecified	2
	Milk, sheep's - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	22	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	23	1	Staphylococcal enterotoxins	1
	Other processed food products and prepared dishes - unspecified - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	114	1	Staphylococcal enterotoxins	1
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	7	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	27	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	134	0	Staphylococcal enterotoxins	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Staphylococcal enterotoxins	0
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	22	1	Staphylococcal enterotoxins	1
	Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcal enterotoxins	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Sauce and dressings - mayonnaise - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	5	0	Staphylococcal enterotoxins	0
	Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	2	0	Staphylococcal enterotoxins	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	11	0	Staphylococcal enterotoxins	0
	Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Staphylococcal enterotoxins	0
	Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	2	0	Staphylococcal enterotoxins	0
	Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	2	0	Staphylococcal enterotoxins	0
	Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	Staphylococcal enterotoxins	0

**Table STAPHYLOCOCCUS AUREUS METICILLIN RESISTANT (MRSA) in animal**

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Birds - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Staphylococcus spp., unspecified	1
	Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	1	Staphylococcus spp., unspecified	1
	Canary - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	99	0	Staphylococcus	0
	Cats - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Staphylococcus	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	89	12	Staphylococcus spp., unspecified	12
	Cats - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	381	19	Staphylococcus spp., unspecified	19
	Cats - pet animals - Unspecified - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	2	2	Staphylococcus aureus	1
					Staphylococcus spp., unspecified	1
	Cats - stray cats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Staphylococcus	0
	Cattle (bovine animals) - dairy cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	12	4	Staphylococcus aureus	4
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	177	22	Staphylococcus aureus	11
					Staphylococcus spp., unspecified	11
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	152	0	Staphylococcus	0
	Cattle (bovine animals) - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Staphylococcus	0
	Cattle (bovine animals) - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	20	19	Staphylococcus spp., unspecified	19
	Cattle (bovine animals) - meat production animals - fattening cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	1	Staphylococcus spp., unspecified	1
	Corvids, unspecified - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Staphylococcus	0
	Corvids, unspecified - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Staphylococcus	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	1	Staphylococcus spp., unspecified	1
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	6	Staphylococcus spp., unspecified	6
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	389	140	Staphylococcus aureus	2
					Staphylococcus intermedius	4
					Staphylococcus spp., unspecified	134
	Dogs - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	440	111	Staphylococcus aureus	17
					Staphylococcus intermedius	4
					Staphylococcus spp., unspecified	90
	Dogs - pet animals - Unspecified - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	6	6	Staphylococcus aureus	3
					Staphylococcus spp., unspecified	3
	Dogs - stray dogs - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	24	0	Staphylococcus	0
	Falcons - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Staphylococcus spp., unspecified	1
	Foxes - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Staphylococcus	0
	Gallus gallus (fowl) - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Staphylococcus	0
	Gallus gallus (fowl) - laying hens - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Staphylococcus	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	27	13	Staphylococcus aureus	5
					Staphylococcus spp., unspecified	8
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	16	6	Staphylococcus spp., unspecified	6
	Goats - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Staphylococcus spp., unspecified	1
	Guinea pigs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Staphylococcus spp., unspecified	1
	Hares - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Staphylococcus spp., unspecified	1
	Hares - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Staphylococcus aureus	1
	Parrots - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	2	Staphylococcus spp., unspecified	2
	Parrots - pet animals - Unspecified - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Staphylococcus spp., unspecified	1
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	21	7	Staphylococcus aureus	1
					Staphylococcus spp., unspecified	6
	Poultry, unspecified - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding	41	3	Staphylococcus spp., unspecified	3
	Rabbits - farmed - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	2	Staphylococcus spp., unspecified	2
	Rabbits - farmed - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	24	0	Staphylococcus	0
	Reptiles - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	1	Staphylococcus spp., unspecified	1
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	165	74	Staphylococcus aureus	22
					Staphylococcus spp., unspecified	52
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	270	85	Staphylococcus aureus	64
					Staphylococcus spp., unspecified	21
	Sheep - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	4	4	Staphylococcus spp., unspecified	4
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	1	Staphylococcus spp., unspecified	1
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	2	0	Staphylococcus	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	17	13	Staphylococcus spp., unspecified	13
		herd/flock	15	10	Staphylococcus spp., unspecified	10
	Turtles - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Staphylococcus spp., unspecified	1
	Turtles - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Staphylococcus	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	9	3	Staphylococcus aureus	3
	Wild boars - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	13	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Wolves - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Staphylococcus spp., unspecified	1

**Table STAPHYLOCOCCUS AUREUS METICILLIN RESISTANT (MRSA) in food**

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Staphylococcus	0
	Bakery products - pastry - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	71	0	Staphylococcus	0
	Beverages, alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Beverages, alcoholic - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Cheeses made from cows' milk - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses made from cows' milk - curd - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	20	0	Staphylococcus	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	25	0	Staphylococcus	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	0	Staphylococcus	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	11	0	Staphylococcus	0
	Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	55	0	Staphylococcus	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	Staphylococcus	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	26	0	Staphylococcus	0
	Cheeses made from cows' milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	10	0	Staphylococcus	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	17	2	Staphylococcus aureus	1
							Staphylococcus spp., unspecified	1
	Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses made from goats' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	2	Staphylococcus spp., unspecified	2
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	6	0	Staphylococcus	0
	Cheeses made from sheep's milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Cheeses made from sheep's milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - curd - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	313	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	13	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	29	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	21	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	152	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	26	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Crustaceans - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Crustaceans - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Crustaceans - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Crustaceans - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	329	0	Staphylococcus	0
	Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	28	0	Staphylococcus	0
	Dairy products (excluding cheeses) - cream - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - cream - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Staphylococcus	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcus	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	10	0	Staphylococcus	0
	Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Staphylococcus	0
	Dairy products (excluding cheeses) - ice-cream - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	57	0	Staphylococcus	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	Staphylococcus	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	26	0	Staphylococcus	0
	Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	19	0	Staphylococcus	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Staphylococcus	0
	Dairy products (excluding cheeses) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Dairy products, unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Egg products - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Egg products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	1	Staphylococcus spp., unspecified	1
	Egg products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	12	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Egg products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Egg products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Staphylococcus	0
	Egg products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Fish - cooked - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Fish - unspecified - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	22	0	Staphylococcus	0
	Fish - unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Staphylococcus	0
	Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	9	0	Staphylococcus	0
	Fish - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	29	0	Staphylococcus	0
	Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	21	0	Staphylococcus	0
	Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Fish (food) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Fishery products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	Staphylococcus	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	30	0	Staphylococcus	0
	Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Fishery products, unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Fruits - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Fruits - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Staphylococcus	0
	Fruits - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Fruits and vegetables - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Infant formula - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Meat from bovine animals - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	10	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	13	0	Staphylococcus	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Staphylococcus	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	254	0	Staphylococcus	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	36	0	Staphylococcus	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	6	0	Staphylococcus	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Meat from pig - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Meat from pig - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Meat from rabbit - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Meat from sheep - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Milk from other animal species or unspecified - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Milk from other animal species or unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	0	Staphylococcus	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5545	755	Staphylococcus aureus	319
							Staphylococcus spp., unspecified	436
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Milk from other animal species or unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3839	1275	Staphylococcus aureus	373
							Staphylococcus intermedius	3
							Staphylococcus spp., unspecified	899
	Milk from other animal species or unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Staphylococcus	0
	Milk from other animal species or unspecified - Processing plant - Italy - Not Available - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	6	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	16	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	44	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	33	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	9	0	Staphylococcus	0
	Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	6	0	Staphylococcus	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	50	1	Staphylococcus spp., unspecified	1
	Milk from other animal species or unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Milk from other animal species or unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	25	0	Staphylococcus	0
	Milk, cows' - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	4	0	Staphylococcus	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Milk, cows' - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	35	0	Staphylococcus	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	20	0	Staphylococcus	0
	Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	7	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk, cows' - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Milk, cows' - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	65	0	Staphylococcus	0
	Milk, cows' - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Milk, goats' - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Milk, sheep's - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Milk, sheep's - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Molluscan shellfish - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	7	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	9	0	Staphylococcus	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	72	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	40	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	104	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	41	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - Not Available - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	589	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	7	0	Staphylococcus	0
	Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Sauce and dressings - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Surimi - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Surimi - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Sweets - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	7	0	Staphylococcus	0
	Sweets - Processing plant - Italy - Not Available - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	12	0	Staphylococcus	0
	Vegetables - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Staphylococcus	0
	Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Staphylococcus	0
	Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	1	0	Staphylococcus	0
	Vegetables - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	23	0	Staphylococcus	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	9	0	Staphylococcus	0



Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Vegetables - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/food)	25	Gram	1	0	Staphylococcus	0

Table TOXOPLASMA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Alpacas - zoo animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Toxoplasma	0
		herd/flock	1	0	Toxoplasma	0
	Alpacas - zoo animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Toxoplasma	0
	Badgers - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	9	0	Toxoplasma	0
	Bears - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Toxoplasma	0
	Bears - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Toxoplasma	0
	Birds - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Toxoplasma	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	1	Toxoplasma spp., unspecified	1
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	152	0	Toxoplasma	0
	Cats - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Toxoplasma	0
	Cats - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Toxoplasma	0
	Cats - pet animals - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	106	48	Toxoplasma gondii	48
	Cats - pet animals - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	4	3	Toxoplasma gondii	3
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	36	12	Toxoplasma spp., unspecified	12
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	55	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	499	173	Toxoplasma spp., unspecified	173
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	1	Toxoplasma spp., unspecified	1
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	8	0	Toxoplasma	0
	Cats - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Toxoplasma spp., unspecified	1
	Cats - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	10	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	18	10	Toxoplasma gondii	10
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	52	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	13	4	Toxoplasma spp., unspecified	4
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	4	0	Toxoplasma	0
		holding	13	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Toxoplasma	0
		herd/flock	41	0	Toxoplasma	0
		holding	16	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	456	19	Toxoplasma gondii	14
					Toxoplasma spp., unspecified	5
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	1	0	Toxoplasma	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Toxoplasma	0
		herd/flock	663	6	Toxoplasma spp., unspecified	6
	Cattle (bovine animals) - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	11	5	Toxoplasma gondii	5
	Cattle (bovine animals) - meat production animals - calves (under 1 year) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	0	Toxoplasma	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Deer - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	68	0	Toxoplasma	0
	Deer - wild - red deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	1	Toxoplasma spp., unspecified	1
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	2	Toxoplasma spp., unspecified	2
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	140	0	Toxoplasma	0
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	49	21	Toxoplasma spp., unspecified	21
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	3	Toxoplasma spp., unspecified	3
	Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Toxoplasma	0
	Dogs - pet animals - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Toxoplasma	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	139	46	Toxoplasma spp., unspecified	46
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Toxoplasma	0
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	646	214	Toxoplasma spp., unspecified	214
	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	8	1	Toxoplasma gondii	1
	Dogs - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	9	6	Toxoplasma spp., unspecified	6
	Dogs - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Toxoplasma	0
	Dogs - pet animals - Unspecified - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	55	17	Toxoplasma gondii	17
	Dogs - pet animals - Unspecified - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	1	Toxoplasma gondii	1
	Dolphin - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	13	4	Toxoplasma gondii	4
	Dolphin - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	2	Toxoplasma spp., unspecified	2
	Dolphin - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	13	0	Toxoplasma	0
	Foxes - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Toxoplasma	0
	Foxes - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	4	Toxoplasma spp., unspecified	4
	Foxes - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	34	0	Toxoplasma	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	4	0	Toxoplasma	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Toxoplasma	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	24	5	Toxoplasma spp., unspecified	5
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	21	1	Toxoplasma gondii	1
		herd/flock	10	2	Toxoplasma gondii	2
		holding	1	0	Toxoplasma	0
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	13	8	Toxoplasma gondii	8
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	200	59	Toxoplasma spp., unspecified	59
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	72	5	Toxoplasma gondii	5
	Goats - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	4	3	Toxoplasma gondii	3
	Goats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Toxoplasma	0
	Goats - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Toxoplasma	0
	Hares - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Toxoplasma	0
	Hares - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	37	0	Toxoplasma	0
	Hares - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Toxoplasma	0
	Lamas - zoo animal - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Toxoplasma	0
	Lamas - zoo animal - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	4	2	Toxoplasma spp., unspecified	2
	Marten - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	12	0	Toxoplasma	0
	Mouflons - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Toxoplasma	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	30	10	Toxoplasma spp., unspecified	10

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Toxoplasma	0
		herd/flock	3	0	Toxoplasma	0
	Rabbits - farmed - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	9	0	Toxoplasma	0
	Rabbits - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Toxoplasma	0
	Rodents - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	6	0	Toxoplasma	0
	Rodents - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Toxoplasma	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	30	18	Toxoplasma spp., unspecified	18
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	29	13	Toxoplasma gondii	10
					Toxoplasma spp., unspecified	3
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	holding	12	0	Toxoplasma	0
		animal	3	0	Toxoplasma	0
		herd/flock	46	6	Toxoplasma gondii	6
		holding	6	0	Toxoplasma	0
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	434	212	Toxoplasma spp., unspecified	212
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	336	167	Toxoplasma spp., unspecified	167
	Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	15	0	Toxoplasma	0
	Sheep - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Toxoplasma gondii	1
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Toxoplasma	0
	Solipeds, domestic - donkeys - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Toxoplasma	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	4	0	Toxoplasma	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Toxoplasma	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	herd/flock	4	1	Toxoplasma spp., unspecified	1
	Solipeds, domestic - horses - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Toxoplasma	0
	Solipeds, domestic - horses - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Toxoplasma	0
	Squirrels - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Toxoplasma	0
	Steinbock - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Toxoplasma	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	414	43	Toxoplasma gondii	43
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	6	0	Toxoplasma	0
	Wolves - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	4	Toxoplasma spp., unspecified	4
	Wolves - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Toxoplasma	0

Table TRICHINELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	73	0	Trichinella	0
	Badgers - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	84	1	Trichinella, unspecified sp.	1
	Dogs - stray dogs - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Trichinella	0
	Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	1395	3	Trichinella britovi	3
	Foxes - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	505	14	Trichinella, unspecified sp.	14
	Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	15	0	Trichinella	0
	Marten - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	25	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	animal	59669 51	0	Trichinella	0
	Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	animal	37084 05	0	Trichinella	0
	Polecats - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Trichinella	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Trichinella	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Trichinella	0
	Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	animal	49936	0	Trichinella	0
	Weasel - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	1	0	Trichinella	0
	Weasel - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Trichinella	0
	Wild boars - farmed - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	animal	3	0	Trichinella	0
	Wild boars - farmed - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	animal	1760	0	Trichinella	0
	Wild boars - wild - Game handling establishment - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	animal	7320	1	Trichinella	1
	Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census	animal	98172	3	Trichinella	3
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	7923	1	Trichinella britovi	1
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1203	1	Trichinella britovi	1
	Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	3	0	Trichinella	0
	Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Trichinella	0
	Wolves - wild - Conservation facilities - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Trichinella britovi	1
	Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified	animal	44	6	Trichinella britovi	6
	Wolves - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	1	Trichinella britovi	1
			41	12	Trichinella, unspecified sp.	12

Table YERSINIA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Alpacas - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Yersinia	0
	Badgers - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	17	0	Yersinia	0
	Bats - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	15	0	Yersinia	0
	Bats - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	1	Yersinia frederiksenii	1
	Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Yersinia	0
	Birds - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Yersinia	0
	Camels - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Yersinia	0
	Canary - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	57	0	Yersinia	0
	Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	132	1	Yersinia enterocolitica - serotype O:8	1
	Cantabrian chamois - wild - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Yersinia	0
	Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Yersinia	0
	Cats - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Yersinia	0
	Cats - stray cats - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	18	0	Yersinia	0
	Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Yersinia	0
		herd/flock	47	10	Yersinia enterocolitica	10
	Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	136	37	Yersinia enterocolitica	13
					Yersinia enterocolitica - serotype O:9	22
					Yersinia frederiksenii	1
					Yersinia, unspecified sp.	1
		holding	1	0	Yersinia	0
	Cattle (bovine animals) - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Yersinia	0
	Cattle (bovine animals) - meat production animals - fattening cows - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	1	0	Yersinia	0
	Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	holding	4	0	Yersinia	0
	Crows - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	15	0	Yersinia	0
	Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	70	3	Yersinia enterocolitica - serotype O:8	1
					Yersinia frederiksenii	1
					Yersinia, unspecified sp.	1
	Deer - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	76	2	Biotype 3 - serotype O:1,2,3	1
					Yersinia enterocolitica - serotype O:5	1
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Yersinia	0
	Deer - wild - roe deer - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	376	11	Yersinia enterocolitica - serotype O:5	3
					Yersinia enterocolitica - serotype O:8	4
					Yersinia enterocolitica - serotype O:9	1
					Yersinia frederiksenii	1
					Yersinia kristensenii	2
	Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Yersinia	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Yersinia	0
	Dogs - stray dogs - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	61	0	Yersinia	0
	Ferrets - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Yersinia	0
	Fish - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	1	Yersinia, unspecified sp.	1
	Foxes - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	193	12	Yersinia enterocolitica - serotype O:5	2
					Yersinia enterocolitica - serotype O:8	4
					Yersinia enterocolitica - serotype O:9	2
					Yersinia frederiksenii	3
					Yersinia pseudotuberculosis	1
	Foxes - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	5	0	Yersinia	0
	Giraffes - zoo animal - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Yersinia	0
	Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	11	0	Yersinia	0
		herd/flock	35	1	Yersinia enterocolitica	1
	Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Yersinia	0
		herd/flock	1	0	Yersinia	0
	Goats - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified	animal	1	1	Yersinia enterocolitica	1
	Ground hornbills - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Yersinia	0
	Guinea pigs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	10	0	Yersinia	0
	Gulls - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	0	Yersinia	0
	Hares - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Yersinia	0
	Hares - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	6	Yersinia, unspecified sp.	6
	Hares - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	59	5	Yersinia enterocolitica	2
					Yersinia enterocolitica - serotype O:5	1
					Yersinia enterocolitica - serotype O:9	1
					Yersinia kristensenii	1
	Marten - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	11	1	Yersinia enterocolitica - serotype O:5	1
	Monkeys - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	4	2	Yersinia enterocolitica	2
	Monkeys - zoo animal - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	8	0	Yersinia	0
	Monkeys - zoo animal - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Yersinia	0
	Mouflons - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Yersinia	0
	Pigeons - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Yersinia	0
	Pigeons - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Yersinia	0
	Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Yersinia	0
		herd/flock	4	0	Yersinia	0
	Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Yersinia	0
	Rabbits - farmed - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	8	0	Yersinia	0
	Rabbits - farmed - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	1	0	Yersinia	0
	Rabbits - farmed - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Yersinia	0
	Rabbits - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	0	Yersinia	0
	Rats - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	7	0	Yersinia	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Reptiles - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	21	0	Yersinia	0
	Reptiles - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Yersinia	0
	Rodents - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	3	0	Yersinia	0
	Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	293	94	Yersinia enterocolitica	94
	Sheep - Slaughterhouse - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	2	0	Yersinia	0
	Sheep - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	6	2	Yersinia enterocolitica	2
	Snakes - zoo animal - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Yersinia	0
	Solipeds, domestic - donkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	3	0	Yersinia	0
	Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	1	0	Yersinia	0
	Squirrels - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	6	0	Yersinia	0
	Steinbock - wild - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	1	Yersinia enterocolitica - serotype O:8	1
	Steinbock - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Yersinia	0
	Turtles - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	42	0	Yersinia	0
	Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified	herd/flock	3	1	Yersinia, unspecified sp.	1
	Wild boars - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified	animal	2	0	Yersinia	0
	Wild boars - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	611	18	Biotype 3 - serotype O:1,2,3	3
					Yersinia enterocolitica - biotype 1B	1
					Yersinia enterocolitica - serotype O:3	4
					Yersinia enterocolitica - serotype O:5	3
					Yersinia enterocolitica - serotype O:8	3
					Yersinia enterocolitica - serotype O:9	1
					Yersinia frederiksenii	2
					Yersinia, unspecified sp.	1
	Wild boars - wild - Slaughterhouse - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Yersinia	0
	Wolves - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling	animal	2	0	Yersinia	0



**Table YERSINIA in food**

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	3	0	Yersinia	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Yersinia	0
	Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	40	0	Yersinia	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Yersinia	0
	Fish (food) - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Yersinia	0
	Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Yersinia	0
	Meat from bovine animals - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Yersinia	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Yersinia	0
	Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Yersinia	0
	Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	0	Yersinia	0
	Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	8	0	Yersinia	0
	Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	5	0	Yersinia	0
	Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	22	1	Yersinia enterocolitica - serotype O:5	1
	Meat from other animal species or not specified - meat products - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	2	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	15	0	Yersinia	0
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	64	1	Yersinia enterocolitica - serotype O:5	1
	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	14	0	Yersinia	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	1	0	Yersinia	0
	Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	3	1	Yersinia, unspecified sp.	1
	Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	4	2	Yersinia enterocolitica non typable	2
	Meat from other animal species or not specified - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	3	0	Yersinia	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Yersinia	0
	Meat from other animal species or not specified - offal - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	6	0	Yersinia	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	4	0	Yersinia	0
	Meat from pig - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	6	0	Yersinia	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	59	0	Yersinia	0
	Meat from pig - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	6	0	Yersinia	0
	Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	5	0	Yersinia	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	9	0	Yersinia	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	46	0	Yersinia	0
	Meat from pig - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/fee d)	25	Gram	4	0	Yersinia	0
	Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling	single (food/fee d)	25	Gram	10	0	Yersinia	0
	Meat from pig - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	2	0	Yersinia	0
	Meat from rabbit - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/fee d)	25	Gram	1	0	Yersinia	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/fee d)	25	Gram	1	0	Yersinia	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Zoonoses	N of units positive
ITALIA	Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Yersinia	0
	Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	15	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	24	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	1	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	1	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	6	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Processing plant - Italy - Not Available - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	3	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	40	0	Yersinia	0
	Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling	single (food/feed)	25	Gram	5	0	Yersinia	0
	Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	1	0	Yersinia	0
	Vegetables - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified	single (food/feed)	25	Gram	1	0	Yersinia	0
	Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified	single (food/feed)	25	Gram	4	0	Yersinia	0

## FOODBORNE OUTBREAKS TABLES

### Foodborne Outbreaks: summarized data

Causative agent	Food vehicle	Outbreak strenght							
		Strong				Weak			
		N outbreaks	N human cases	N hospitalized	N deaths	N outbreaks	N human cases	N hospitalized	N deaths
Clostridium botulinum	Canned food products	1	2	2	0				
Listeria monocytogenes - serovar 1/2a	Pig meat and products thereof	1	12	12	2				
Salmonella	Pig meat and products thereof					1	2	1	0
	Unknown					10	31	(3)	0
Salmonella 1,9,12:-:-	Eggs and egg products					1	4	1	0
Salmonella group B	Unknown					10	22	(3)	0
Salmonella Typhimurium	Pig meat and products thereof	1	2	2	0				
	Unknown					10	22	(3)	0
thermotolerant Campylobacter, unspecified	Other foods					1	3	0	0
Trichinella	Unknown					1	25	4	0

## Strong Foodborne Outbreaks: detailed data

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Clostridium botulinum	unknown	N_A	Household / domestic kitchen	Canned food products	Mushroom in oil	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans	Household	Household	Unknown	Unprocessed contaminated ingredient	N_A	1	2	2	0
Listeria monocytogenes - serovar 1/2a	unknown	N_A	General	Pig meat and products thereof	N_A	Descriptive epidemiological evidence\$Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans\$Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans	Multiple places of exposure in one country	Processing plant	Italy	Cross-contamination\$Unprocessed contaminated ingredient	N_A	1	12	12	2
Salmonella Typhimurium	unknown	N_A	Household / domestic kitchen	Pig meat and products thereof	N_A	Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans	Household	unknown	Italy	Unprocessed contaminated ingredient	N_A	1	2	2	0

## Weak Foodborne Outbreaks: detailed data

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
Salmonella	unknown	N_A	Household / domestic kitchen	Pig meat and products thereof	Sausage	Descriptive epidemiological evidence	Household	Processing plant	Unknown	Unprocessed contaminated ingredient	N_A	1	2	1	0
				Unknown	Food eaten in store/shop	Unknown	Not Available	unknown	Not Available	NOT AVAILABLE	N_A	1	2	(1)	0
					Food from domestic production	Unknown	Not Available	unknown	Not Available	NOT AVAILABLE	N_A	2	5	(1)	0
					Hill person	Unknown	Not Available	unknown	Not Available	NOT AVAILABLE	N_A	1	2	(1)	0
					N_A	Unknown	Not Available	Others	Not Available	NOT AVAILABLE	N_A	1	14	(1)	0
								unknown	Not Available	NOT AVAILABLE	N_A	3	6	(1)	0
			Unknown	Unknown	N_A	Descriptive epidemiological evidence	Multiple places of exposure in more than one country	Unknown	Italy	Unknown	N_A	2	2	2	0
Salmonella 1,9,12:-:-	unknown	N_A	Household / domestic kitchen	Eggs and egg products	Eggs from domestic production	Descriptive epidemiological evidence	Unknown	Household	European Union	Unprocessed contaminated ingredient	N_A	1	4	1	0
Salmonella group B	unknown	N_A	Household / domestic kitchen	Unknown	Bought food	Unknown	Not Available	unknown	Not Available	NOT AVAILABLE	N_A	1	2	(1)	0
					Hill person	Unknown	Not Available	unknown	Not Available	NOT AVAILABLE	N_A	1	2	(1)	0
					N_A	Unknown	Not Available	unknown	Not Available	NOT AVAILABLE	N_A	8	18	(1)	0
Salmonella Typhimurium	unknown	N_A	Household / domestic kitchen	Unknown	Food from domestic production	Unknown	Not Available	unknown	Not Available	NOT AVAILABLE	N_A	1	2	(1)	0
					Hill person	Unknown	Not Available	unknown	Not Available	NOT AVAILABLE	N_A	2	4	(1)	0
					N_A	Unknown	Not Available	unknown	Not Available	NOT AVAILABLE	N_A	7	16	(1)	0

Causative agent	Other Causative Agent	FBO nat. code	Outbreak type	Food vehicle	More food vehicle info	Nature of evidence	Setting	Place of origin of problem	Origin of food vehicle	Contributory factors	Comment	N outbreaks	N human cases	N hosp.	N deaths
thermotolerant Campylobacter, unspecified	Calicivirus - norovirus (Norwalk-like virus)	N_A	General	Other foods	unknown	Descriptive epidemiological evidence	Multiple places of exposure in more than one country	Unknown	Unknown	Unknown	N_A	1	3	0	0
Trichinella	unknown	N_A	General	Unknown	N_A	Analytical epidemiological evidence	Restaurant or Cafe or Pub or Bar or Hotel or Catering service	Unknown	Unknown	Unknown	N_A	1	25	4	0

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring - active

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

AM substance	Ciprofloxacin	Erythromycin (Erythromycin A)	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	55	55	55	55	55	55
N of resistant isolates	43	0	4	43	7	47
MIC						
0.25	1		34			
0.5			12		6	
1					39	
2		1			2	
4	1			10	1	
8	23			2		
16	18				1	3
>16	1		4		6	
32				1		6
64				7		25
>64				35		13
<=0.12	11		5			
<=0.5						8
<=1		54				



ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

Table Antimicrobial susceptibility testing of Salmonella 1,3,19:z:- in Gallus gallus (fowl) - broilers - unspecified

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

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

Sampling Stage: Cutting plant	Sampling Type: food sample - carcase swabs					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	1	1	0	1	0	1	2	2	0	1
MIC	0.12													
4	1													
8	1													
16	1													
>32	1													
>64	2													
128	1													
>128	1													
>1024	2													
<=0.015	1													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	4	1												
>64	1											1		
>1024											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Pigs

Sampling Stage: Processing plant			Sampling Type: food sample - meat				Sampling Context: Monitoring - passive							
Sampler: HACCP and own check			Sampling Strategy: Selective sampling				Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	1	1	0	0	0	1	2	2	0	1
MIC														
0.25														
0.5														
1														
4														
16														
>32														
>64														
128														
>128														
>1024														
<=0.015														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=4														
<=8														

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	1	2	0	1	0	0	2	2	0	0
MIC														
0.25	1													
0.5	1													
1	2													
2	1													
4														
8	1													
16														
>32	1													
>64	2													
>128														
>1024	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	1													
<=4	2													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive										
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON										
Analytical Method: Dilution - sensititre																
Country of Origin: Italy																
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim		
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2		
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25		
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32		
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
N of resistant isolates	5	0	0	0	1	1	0	0	0	1	5	5	0	0		
MIC																
0.03	2															
0.25	1															
0.5													2	2		
1														1		
4	3															
8	2															
16	1															
64												1				
>64	5															
128										1						
>128	1															
>1024												5				
<=0.015									2							
<=0.03										5						
<=0.25				5									3	2		
<=0.5					5				5							
<=1							5	5								
<=4										4						
<=8					3											

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
4	1													
32														
>64	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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
N of resistant isolates	8	0	0	0	2	0	0	2	0	0	7	8	0	1
MIC														
0.06	1													
0.5	1													
1	1													
4	8													
8	1													
16	1													
32	1													
>32	1													
64	1													
>64	8													
128	7													
>1024	2													
<=0.015	7													
<=0.03	7													
<=0.25	8													
<=0.5	8													
<=1	8													
<=4	7													
<=8	5													



Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Pigs

Sampling Stage: Farm		Sampling Type: food sample - meat					Sampling Context: Monitoring - passive							
Sampler: HACCP and own check		Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	0.03													
8	1													
>64	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Pigs

Sampling Stage: Cutting plant	Sampling Type: food sample - meat					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
0.03	1													
0.5	1													
4	1													
>64	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella 4,12:i:- in Pigs

Sampling Stage: Retail			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	3	0	0	0	0	0	0	0	0	0	3	3	0	0
MIC														
4														
>64	3													
>1024														
<=0.015														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=4														
<=8														

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

Sampling Stage: Processing plant			Sampling Type: food sample - carcase swabs					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	4	1												
>64	1											1		
>1024											1			
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									

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

Sampling Stage: Processing plant	Sampling Type: food sample - carcase swabs	Sampling Context: Monitoring - passive												
Sampler: HACCP and own check	Sampling Strategy: Selective sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	1	1	0	0
MIC	0.25					1								
	0.5												1	1
	4	1												
	>64											1		
	>128									1				
	>1024										1			
	<=0.03								1					
	<=0.25		1											
	<=0.5			1				1						
	<=1						1							
	<=8				1									

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:i:- in Cattle (bovine animals)

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	1	1	0	1	0	1	2	2	0	1
MIC														
0.03	1													
0.5	1													
1	1													
4	1													
8	1													
>32	1													
>64	2													
>128	1													
>1024	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella 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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.5													
4	1													
128	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue			Sampling Context: Control and eradication programmes				
Sampler: Official sampling			Sampling Strategy: Census			Programme Code: AMR MON pn12				
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
0.25						1		1		
0.5	1									
2				1						
4		1								1
32					1					
<=0.015							1			
<=0.03									1	
<=0.06			1							



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

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue						Sampling Context: Control and eradication programmes							
Sampler: Official sampling	Sampling Strategy: Census						Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	1	1	0	1	0	1	0	0	1	1	0	1
MIC														
0.5	1													
4	1													
>8	1													
16	1													
>32	1													
>64	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=1	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:i:- in Pigs

Sampling Stage: Processing plant	Sampling Type: food sample - meat					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	0.03													
0.03	1													
0.5	1													
4	1													
>64	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:i:- in Pigs

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	0
MIC														
0.03	1													
8	1													
>64	1													
128	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:i:- in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	1	0	0	1	1	0	1
MIC														
0.5	1													
4	1													
16														
>32	1													
>64	1												1	
>128														
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:i:- in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue						Sampling Context: Monitoring - passive							
Sampler: HACCP and own check	Sampling Strategy: Selective sampling						Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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
N of resistant isolates	7	0	0	0	3	1	0	0	0	1	7	7	0	0
MIC														
0.03	1													
0.06	2													
0.25	1													
0.5														
1														
2	2													
4	1													
8														
16														
32	2													
64	1													
>64	7													
>128	2													
>1024	7													
<=0.015	3													
<=0.03	7													
<=0.25	7													
<=0.5	7													
<=1							6	5						
<=4	3													
<=8	4													

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:i:- in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive							
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0	
MIC															
4	1														
>64	1													1	
>1024															
<=0.015						1									
<=0.03										1					
<=0.25				1								1	1		
<=0.5					1				1						
<=1							1								
<=4											1				
<=8					1										

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:i:- in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive										
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON										
Analytical Method: Dilution - sensititre																
Country of Origin: Italy																
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim		
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2		
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25		
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32		
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
N of resistant isolates	3	0	0	0	1	0	0	0	0	0	3	3	0	0		
MIC																
0.5														1		
4																
8																
>64	3	1										1				
128														3		
>1024																
<=0.015						3										
<=0.03										3						
<=0.25				3									2	3		
<=0.5					3						3					
<=1							3				2					
<=4											2					
<=8					2											

Table Antimicrobial susceptibility testing of Salmonella 4,5,12:i:- in Pigs

Sampling Stage: Farm	Sampling Type: food sample - meat					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	4													
>64	1	1												
>1024														
<=0.015	1													
<=0.03														
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella 6,7:-:e,n,z15 in Gallus gallus (fowl) - broilers - unspecified

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

Table Antimicrobial susceptibility testing of Salmonella Abaetetuba in Pigs

Sampling Stage: Slaughterhouse	Sampling Type: environmental sample - fabric swab	Sampling Context: Monitoring												
Sampler: HACCP and own check	Sampling Strategy: Convenient sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.5														1
4		2												
32											2			
<=0.015						2								
<=0.03									2					
<=0.25			2										2	1
<=0.5				2				2						
<=1	2						2							
<=2												2		
<=4										2				
<=8					2									

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	2	1												
4		1												
128											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=2												1		
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Agona in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates														
MIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1													
64	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1	1												
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Agona in Meat from turkey

Sampling Stage: Catering			Sampling Type: food sample					Sampling Context: Monitoring						
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	1	1	0	1	0	1	0	1	0	0
MIC	0.5													
1														
2														
4	1													
>32														
64														
>64														
>128														
<=0.03														
<=0.25														
<=0.5														
<=1														

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

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Albany in Gallus gallus (fowl) - laying hens - before slaughter

Sampling Stage: Farm	Sampling Type: animal sample - faeces						Sampling Context: Control and eradication programmes							
Sampler: Official sampling	Sampling Strategy: Census						Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	1	0	0	1	0	0	1	0	0	1	1	0	0
MIC	0.5													
8	1													
32	1													
64	1													
>128	1													
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													



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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
16	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Blockley in Turkeys

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: Dilution - sensititre														
Country of Origin: Italy														
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	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	2	4	0	0	0	6	0	1	0	6	1	6	0	0
MIC	0.12													
	0.5													
	4													
	8													
	32													
	64													
	>64													
	>128													
	>1024													
	<=0.03													
	<=0.25													
	<=0.5													
	<=1													
	<=8													

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

Table Antimicrobial susceptibility testing of Salmonella Bovismorbificans in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	1
MIC														
4	1													
>32														
64													1	
>64	1													
128					1									
>1024											1			
<=0.015						1								
<=0.03										1				
<=0.25			1											1
<=0.5				1							1			
<=1							1							
<=4										1				

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

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
16	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Slaughterhouse	Sampling Type: animal sample - caecum						Sampling Context: Monitoring - active							
Sampler: Official sampling	Sampling Strategy: Objective sampling						Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	1
MIC	0.5													
1	1													
2	1													
4	3													
8	1													
>32	1													
64	2													
>64	1													
128	1													
>1024	1													
<=0.015	4													
<=0.03	4													
<=0.25	4													
<=0.5	4													
<=1	2													
<=2	2													
<=4	4													
<=8	3													

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Gallus gallus (fowl) - broilers - unspecified

Sampling Stage: Farm			Sampling Type: animal sample - faeces				Sampling Context: Control and eradication programmes							
Sampler: Official sampling			Sampling Strategy: Census				Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
32														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Meat from pig

Sampling Stage: Cutting plant			Sampling Type: food sample					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4	1												
64											1			
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Pigs

Sampling Stage: Slaughterhouse			Sampling Type: environmental sample - fabric swab					Sampling Context: Surveillance						
Sampler: Official sampling			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MIC														
8	1													
512	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Pigs

Sampling Stage: Cutting plant			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	8													
	1											1		
64														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Pigs

Sampling Stage: Retail			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.06													
2	1													
4	1													
8	1													
128	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

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

Sampling Stage: Cutting plant	Sampling Type: food sample - carcass swabs					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
0.5														
2	1													
4	1													
8	1													
16	1													
>64	1	1												
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													

Table Antimicrobial susceptibility testing of Salmonella Bredeney in Meat from pig

Sampling Stage: Processing plant	Sampling Type: food sample	Sampling Context: Monitoring												
Sampler: HACCP and own check	Sampling Strategy: Convenient sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
2							1							
4		1												
64											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1													
<=2												1		
<=4										1				
<=8					1									

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

Sampling Stage: Slaughterhouse			Sampling Type: food sample - carcase swabs					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
4	1													
>64														
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	1	1	0	0
MIC														
0.5	1													
2	1													
4	1													
16	1													
>64	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=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: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	1	1	0	0
MIC	0.25													
8	1													
16														
>64	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	1	0	1	1	1	0	1
MIC	0.25													
	0.5													
	4													
	16													
	>32													
	>64													
	>128													
	>1024													
	<=0.03													
	<=0.25													
	<=0.5													
	<=1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	0	0	1
MIC	4	1												
>32														1
>64	1													
>1024											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1					1					
<=1							1							
<=2												1		
<=4										1				
<=8					1									

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

Sampling Stage: Cutting plant			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive							
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MIC															
0.03						1									
4	1														
32											1				
<=0.03									1						
<=0.25	1														
<=0.5								1							
<=1	1							1							
<=2												1			
<=4										1					
<=8					1										

Table Antimicrobial susceptibility testing of Salmonella Choleraesuis in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	1	1	0	1	0	1	2	2	0	2
MIC														
0.25	1													
4	1													
8	1													
32														
>32	1													
>64	2													
>128														
>1024	2													
<=0.015	1													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	1													
<=4	2													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Choleraesuis in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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
N of resistant isolates	8	0	0	0	5	4	0	3	0	3	8	8	0	8
MIC														
0.03														
0.06														
0.25														
0.5														
1														
4														
8														
16														
32														
>32														
64														
>64														
128														
>128														
>1024														
<=0.015														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=4														
<=8														

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

Sampling Stage: Slaughterhouse	Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active								
Sampler: Official sampling	Sampling Strategy: Objective sampling					Programme Code: AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.03													
0.03	3													
0.5	1													
2	3													
4	4													
64	4													
<=0.015	1													
<=0.03	4													
<=0.25	4													
<=0.5	4													
<=1	1													
<=2	4													
<=4	4													
<=8	4													

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

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre																
Country of Origin: Italy																
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim		
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2		
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25		
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32		
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MIC	64															
	<=0.015										1					
	<=0.03									1						
	<=0.25			1		<=0.5							1		1	
	<=1		1					<=2							1	
	<=4															
	<=8															



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

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4	1												
64											1			
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									

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

Sampling Stage: Farm		Sampling Type: environmental sample - dust					Sampling Context: Control and eradication programmes							
Sampler: Official sampling		Sampling Strategy: Census					Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
64	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
64														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Cutting plant			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Slaughterhouse	Sampling Type: food sample - carcass swabs	Sampling Context: Monitoring - passive												
Sampler: Official sampling	Sampling Strategy: Objective sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.06								1					
	0.5													1
	8	1										1		
	16				1									
	>64	1												
	256										1			
	<=0.015					1								
	<=0.25		1										1	
	<=0.5			1				1						
	<=1						1							
	<=4									1				

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

Sampling Stage: Cutting plant			Sampling Type: food sample - carcase swabs					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	2													
16														
64	1													
<=0.015	1													
<=0.03														
<=0.25	2													
<=0.5	2													
<=1	2													
<=2	2													
<=4	2													
<=8	2													

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	1	0	2	0	0	0	1	0	0	0
MIC														
4	2													
32	2													
>128	1													
>1024	1													
<=0.015	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=2	2													
<=4	2													
<=8	1													



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

Sampling Stage: Slaughterhouse	Sampling Type: food sample - carcase swabs	Sampling Context: Monitoring - passive												
Sampler: Official sampling	Sampling Strategy: Objective sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	1	0	0	0	0	0	1	0	0	0
MIC														
128	1													
>1024														
<=0.015	1													
<=0.03														
<=0.25	1													
<=0.5														
<=1	1													
<=2														
<=4	1													

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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	31	31	31	31	31	31	31	31	31	31	31	31	31	31
N of resistant isolates	3	0	0	0	1	1	0	0	0	1	11	12	0	0
MIC														
0.03														
0.06														
0.12														
0.5														
1														
2														
4														
8														
16														
32														
64														
>64														
128														
>128														
256														
512														
1024														
>1024														
<=0.015														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=2														
<=4														
<=8														

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

Sampling Stage: Processing plant	Sampling Type: food sample					Sampling Context: Monitoring								
Sampler: HACCP and own check	Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
0.5														
4	1													
>64														
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Clinical investigations						
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4	1												
8										1				
32											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Derby in Meat from pig

Sampling Stage: Processing plant			Sampling Type: food sample					Sampling Context: Monitoring												
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre																				
Country of Origin: Italy																				
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim						
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2						
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25						
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32						
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0						
MIC	0.5																			
8	1																			
64													1							
>64	1																			
>1024												1								
<=0.015						1														
<=0.03										1										
<=0.25				1																
<=0.5					1				1											
<=1							1	1												
<=4										1										
<=8					1															

Table Antimicrobial susceptibility testing of Salmonella Derby in Meat from pig

Sampling Stage: Cutting plant	Sampling Type: food sample					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	0.5													
4	2													
8	1													
64	2													
>64	1													
>1024	1													
<=0.015	3													
<=0.03	3													
<=0.25	3													
<=0.5	3													
<=1	3													
<=2	3													
<=4	3													
<=8	3													

Table Antimicrobial susceptibility testing of Salmonella Derby in Turkey

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

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

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



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

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Processing plant	Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	0	0	1	1	1	0	1
MIC	0.25													
	0.5													
	4													
	8													
	>64													
	128													
	>1024													
	<=0.03													
	<=0.25													
	<=0.5													
	<=1													

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Processing plant			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MIC														
4	1													
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Processing plant			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	0	0	1	1	1	0	0
MIC														
0.25														
0.5														
1														
8														
64														
>64														
128														
>1024														
<=0.03														
<=0.25														
<=0.5														
<=1														

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Processing plant	Sampling Type: food sample - meat					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC	0.12													
4	2													
8	1													
16	1													
64	2													
>128	1													
<=0.015	2													
<=0.03	3													
<=0.25	3													
<=0.5	3													
<=1	3													
<=2	3													
<=4	2													
<=8	3													

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - nasal swab					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
16	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	2	2	0	1
MIC														
0.5														2
4														3
32														1
>32														1
>64	1													
>128														2
>1024														2
<=0.015														
<=0.03														
<=0.25													1	2
<=0.5														
<=1	2													
<=2														
<=4														3
<=8														

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	2	3	0	1
MIC	4													
4	4													
32	1													
>32	1													
64	1													
>64	3													
>1024	2													
<=0.015	4													
<=0.03	4													
<=0.25	4													
<=0.5	4													
<=1	4													
<=2	1													
<=4	4													
<=8	4													

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Slaughterhouse	Sampling Type: environmental sample - fabric swab						Sampling Context: Monitoring							
Sampler: HACCP and own check	Sampling Strategy: Convenient sampling						Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	4	5	0	0
MIC														
0.5														
2														
4														
8														
16														
64														
>64														
>1024														
<=0.015														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=2														
<=4														
<=8														

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Slaughterhouse	Sampling Type: environmental sample - fabric swab					Sampling Context: Surveillance								
Sampler: Official sampling	Sampling Strategy: Suspect sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.03													
1	1													
2	1													
4	1													
64	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Slaughterhouse			Sampling Type: environmental sample - fabric swab					Sampling Context: Surveillance							
Sampler: Official sampling			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	3	3	0	0	
MIC															
0.5														2	
4															
8														2	
16															
32	1														
>64														1	
>1024														2	
<=0.015														3	
<=0.03														4	
<=0.25														2	4
<=0.5														4	
<=1	2														
<=2															
<=4														1	
<=8														4	

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Cutting plant	Sampling Type: food sample - meat					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	0.5													
4	3													
16	1													
32	1													
>64	1													
>1024	1													
<=0.015	3													
<=0.03	3													
<=0.25	3													
<=0.5	3													
<=1	3													
<=2	2													
<=4	3													
<=8	3													

Table Antimicrobial susceptibility testing of Salmonella Derby in Pigs

Sampling Stage: Retail	Sampling Type: food sample - meat					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC	0.12													
4	1													
8	1													
16	1													
64	1													
>128	1													
<=0.015	1													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=2	2													
<=4	1													
<=8	2													

Table Antimicrobial susceptibility testing of Salmonella Doel in Gallus gallus (fowl) - laying hens - before slaughter

Sampling Stage: Farm		Sampling Type: environmental sample - dust					Sampling Context: Control and eradication programmes							
Sampler: Official sampling		Sampling Strategy: Census					Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
2	1													
4	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella Doel in Gallus gallus (fowl) - broilers - unspecified

Sampling Stage: Farm			Sampling Type: environmental sample - dust					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	1	1	1	0	0	1	1	0	0	0
MIC	0.12					1								
4		1					1							
16											1			
64					1					1				
>1024											1			
<=0.015						1								
<=0.03									2					
<=0.25			2										2	2
<=0.5				2				2						
<=1	2						1							
<=2		1										2		
<=4										1				
<=8					1									

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

Sampling Stage: Farm	Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	1	0	0	0	1	0	0	0	1	0	1	0	0
MIC	0.12													
2	1													
64	1													
128	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Ekotedo in Gallus gallus (fowl) - laying hens - 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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Ekotedo in Gallus gallus (fowl) - broilers - unspecified

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

Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies enterica in Sheep

Sampling Stage: Farm			Sampling Type: animal sample - nasal swab					Sampling Context: Monitoring						
Sampler: Official sampling			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies enterica in Gallus gallus (fowl) - broilers

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

Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies salamae in Gallus gallus (fowl) - broilers - unspecified

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 pn12			
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
0.25										
1										
8	1				1	1	1			
16										
32										
<=0.015							1			
<=0.03									1	



Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies salamae in Gallus gallus (fowl) - broilers - unspecified

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

Table Antimicrobial susceptibility testing of Salmonella enterica, subspecies salamae in Gallus gallus (fowl) - laying hens

Sampling Stage: Farm			Sampling Type: environmental sample - dust					Sampling Context: Survey - national survey						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
16	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Cutting plant			Sampling Type: food sample - carcase swabs					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	2													
32	2													
<=0.015	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=2	2													
<=4	2													
<=8	2													

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Gallus gallus (fowl) - laying hens - 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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
16	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	16													
											1			
<=0.015	1													
<=0.03											1			
<=0.25											1			
<=0.5											1			
<=1											1			
<=2											1			
<=4											1			
<=8	1													

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

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

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

Sampling Stage: Retail			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	2													
4	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm	Sampling Type: environmental sample - boot swabs						Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling						Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MIC															
2							2								
4	1														
8	1														
64											2				
<=0.015						2									
<=0.03										2					
<=0.25				2									2	2	
<=0.5				2						2					
<=1	2														
<=2												2			
<=4											2				
<=8					2										



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

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

Sampling Stage: Farm	Sampling Type: animal sample - faeces						Sampling Context: Control and eradication programmes							
Sampler: Official sampling	Sampling Strategy: Census						Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	2													
4	3													
32	1													
64	2													
<=0.015	3													
<=0.03	3													
<=0.25	3													
<=0.5	3													
<=1	3	1						3						
<=2	3													
<=4	3													
<=8	3													

Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue						Sampling Context: Monitoring - passive							
Sampler: Official sampling	Sampling Strategy: Selective sampling						Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
1														
2														
4														
64														
<=0.015														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=2														
<=4														
<=8														

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

Sampling Stage: Slaughterhouse	Sampling Type: food sample - carcase swabs	Sampling Context: Monitoring - passive												
Sampler: Official sampling	Sampling Strategy: Objective sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	1	0	0	1	1	0	0	0
MIC	0.12					1								
	0.5													
	4	1					1						1	1
	>128									1				
	512										1			
	<=0.03								1					
	<=0.25		1											
	<=0.5			1				1						
	<=1	1												
	<=2											1		
	<=8				1									

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC	4													
	64													
>64	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Give in Meat from other animal species or not specified

Sampling Stage: Game handling establishment			Sampling Type: food sample			Sampling Context: Survey - national survey								
Sampler: Official sampling			Sampling Strategy: Objective sampling			Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
4	1													
32														
>64														
<=0.015	1													
<=0.03														
<=0.25	1													
<=0.5														
<=1	1													
<=4														
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Give in Meat from pig

Sampling Stage: Catering			Sampling Type: food sample				Sampling Context: Monitoring							
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling				Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
0.5														
1														
2	1													
4	1													
>64														
128	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Pigs

Sampling Stage: Slaughterhouse	Sampling Type: food sample - meat	Sampling Context: Survey - national survey
Sampler: Official sampling	Sampling Strategy: Objective sampling	Programme Code: OTHER AMR MON
Analytical Method: Dilution - sensititre		
Country of Origin: Italy		

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



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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	64													
	<=0.015													
	<=0.03													
	<=0.25													
	<=0.5													
	<=1													
	<=2													
	<=4													
	<=8													

Table Antimicrobial susceptibility testing of Salmonella Havana in Gallus gallus (fowl) - broilers

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

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Heidelberg in Turkey

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

Table Antimicrobial susceptibility testing of Salmonella Hermannswerder in Turtles

Sampling Stage: Natural habitat	Sampling Type: animal sample - cloacal swab					Sampling Context: Monitoring								
Sampler: HACCP and own check	Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
2	1													
4	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Hessarek in Gallus gallus (fowl) - broilers

Sampling Stage: Retail			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	0	0	1	1	0	0	0
MIC	0.12													
4	1													
64	1													
>64	1													
128	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													

Table Antimicrobial susceptibility testing of Salmonella Hessarek in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	1	0	0	1	1	0	1
MIC														
0.5														
8	1													
32	1													
>32	1													
>64	1													
128	1													
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													

Table Antimicrobial susceptibility testing of Salmonella I, group O:1,3,19 in Gallus gallus (fowl) - laying hens

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
64	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella Infantis in Guinea fowl

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	1	1	0	1
MIC	0.25													
1														
2														
8														
>32														
>64														
>128														
>1024														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=8														

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - laying hens - 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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - laying hens - before slaughter

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl)

Sampling Stage: Slaughterhouse			Sampling Type: food sample - meat			Sampling Context: Survey - national survey				
Sampler: Official sampling			Sampling Strategy: Objective sampling			Programme Code: OTHER AMR MON pnl2				
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
0.12	1									
0.25	1									
0.5	1									
4	1									
8	1									
16	1									
32		1								
<=0.015							1			
<=0.03									1	

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl)

Sampling Stage: Slaughterhouse			Sampling Type: food sample - meat					Sampling Context: Survey - national survey						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	1	1	0	1	0	0	0	1	1	1	0	1
MIC														
0.12														
0.5														
4														
>4														
8														
>32														
>64														
128														
>1024														
<=0.03														
<=0.5														
<=1														
<=8														

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl)

Sampling Stage: Retail			Sampling Type: food sample - meat				Sampling Context: Survey - national survey			
Sampler: Official sampling			Sampling Strategy: Objective sampling				Programme Code: OTHER AMR MON pnl2			
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	2	0	0	2	0	0	0	0	0
MIC										
0.25			2				1			
0.5						2				
4					2					
8	1				2					2
16	1									
32			1							
64			1							
<=0.015							2			
<=0.03								2		
<=0.12								1		

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl)

Sampling Stage: Retail			Sampling Type: food sample - meat					Sampling Context: Survey - national survey						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	3	0	2	1	0	4	0	0	0	4	4	4	0	4
MIC														
0.12	4													
0.5	4													
2	1													
4	1													
>4														
8	4													
>32														
>64	3													
128														
>1024	4													
<=0.03	4													
<=0.25	2													
<=0.5	2													
<=1	4													
<=8	4													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm	Sampling Type: environmental sample - fabric swab					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Census					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.06	1													
4	1													
8	1													
128	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers

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: Dilution - sensititre																
Country of Origin: Italy																
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		
N of resistant isolates	8	0	0	0	3	12	0	0	0	12	12	12	0	11		
MIC	0.25															
0.5													5	1		
1													5			
2	1															
4	2	1														
8											10					
16											1					
>32														11		
64											1					
>64	8															
128											10	12				
>128											2					
>1024											2					
<=0.03											12					
<=0.25											12					
<=0.5											9	12			2	
<=1	1											12	9			
<=8											9					

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs				Sampling Context: Monitoring - passive			
Sampler: HACCP and own check			Sampling Strategy: Selective sampling				Programme Code: OTHER AMR MON pnl2			
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	2	0	0	2	0	0	0	0	0
MIC										
0.03							1			
0.25			2					1		
0.5						2				
4					2					
8	2			2						2
32		2								
<=0.015							1			
<=0.03									2	
<=0.12								1		

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	3	0	2	2	3	3	0	0	0	3	3	3	0	3
MIC														
0.12	1													
0.25	2													
0.5														
4	2													
>4														
8	3													
>32														
64	1													
>64	3													
128	2													
>1024														
<=0.03	3													
<=0.25	1													
<=0.5	1													
<=1	3													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers

Sampling Stage: Farm	Sampling Type: environmental sample - delivery box liner						Sampling Context: Control and eradication programmes							
Sampler: Official sampling	Sampling Strategy: Census						Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	1	1	0	1
MIC														
0.12														
0.5														
8														
>32														
>64	1													
128														
>1024														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=8														

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers

Sampling Stage: Farm		Sampling Type: environmental sample - boot swabs and dust					Sampling Context: Control and eradication programmes							
Sampler: Official sampling		Sampling Strategy: Census					Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	1	1	0	0
MIC														
0.25	1													
0.5														
>64	1													
128														
>1024														
<=0.03	1													
<=0.25	1													
<=0.5														
<=1	1													
<=2														
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers

Sampling Stage: Cutting plant			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	1	1	0	1
MIC														
0.12	1													
0.5														
2	1													
8	1													
>32														
>64														
128	1													
>1024														
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers

Sampling Stage: Retail			Sampling Type: food sample - meat			Sampling Context: Monitoring - passive				
Sampler: Official sampling			Sampling Strategy: Selective sampling			Programme Code: OTHER AMR MON pnl2				
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	0	0	0	0	0	0
MIC										
0.12	1									
0.25	1									
2	1									
4	1									
8	1									1
16	1									
<=0.015							1			
<=0.03									1	
<=0.12								1		

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers

Sampling Stage: Retail			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	5	0	1	0	3	6	0	0	0	6	5	5	0	6
MIC														
0.12	2													
0.25	3													
0.5	5													
1	1													
2	1	1												
4	1													
>4	1													
8	5													
32	1													
>32	1													
>64	5	5												
128	1													
>128	1													
>1024	5													
<=0.03	6													
<=0.25	5													
<=0.5	5													
<=1	6													
<=2	1													
<=8	3													



Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers - unspecified

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 pn12			
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	25	25	25	25	25	25	25	25	25	25
N of resistant isolates	25	25	0	2	22	0	0	0	0	0
MIC										
0.06									1	
0.12			5							
0.25			20			7		9		
0.5						13				
1						5				
2					3					
4				4	18					
8	23			19	4					20
16	2	4		2						5
32		20								
64		1								
<=0.015							25			
<=0.03									24	
<=0.12								16		

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers - unspecified

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: Dilution - sensititre														
Country of Origin: Italy														
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
N of resistant isolates	33	0	26	26	2	37	1	1	0	37	33	36	0	35
MIC														
0.06														
0.12														
0.25														
0.5														
1														
2														
4														
>4														
8														
16														
>16														
32														
>32														
>64														
128														
>128														
256														
1024														
>1024														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=2														
<=8														

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat, mixed meat

Sampling Stage: Cutting plant			Sampling Type: food sample					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	1	1	0	0
MIC	0.12													
	0.5													
	2													
	8													
	32													
	64													
	>64													
	>1024													
	<=0.03													
	<=0.25													
	<=0.5													
	<=8													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Eggs

Sampling Stage: Cutting plant			Sampling Type: food sample					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.5													
1														1
2	1													
4	1													
128												1		
<=0.015						1								
<=0.03										1				
<=0.25				1										
<=0.5					1									
<=1							1							
<=2													1	
<=4											1			
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from pig

Sampling Stage: Processing plant

Sampler: HACCP and own check

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Type: food sample

Sampling Strategy: Convenient sampling

Sampling Context: Monitoring

Programme Code: OTHER AMR MON pnl2

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

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from pig

Sampling Stage: Processing plant			Sampling Type: food sample				Sampling Context: Monitoring																
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling				Programme Code: OTHER AMR MON																
Analytical Method: Dilution - sensititre																							
Country of Origin: Italy																							
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim									
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2									
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25									
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32									
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4									
N of resistant isolates	4	0	4	4	0	4	0	0	0	4	4	4	0	4									
MIC	0.25																						
	0.5																						
													4										
					4																		
			4																				
	4																						
											1	4											
											3												
											4												
									4														
								4															
							4																
					4																		

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from pig

Sampling Stage: Processing plant			Sampling Type: food sample					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates														
MIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.03	1													
4	1													
32	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Turkeys

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



Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from other poultry species

Sampling Stage: Processing plant			Sampling Type: food sample			Sampling Context: Monitoring				
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling			Programme Code: OTHER AMR MON pnl2				
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
0.12										
0.25										
4										
8	1	1			1	1				
32	1									
<=0.015							1			
<=0.03									1	

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from other poultry species

Sampling Stage: Processing plant			Sampling Type: food sample					Sampling Context: Monitoring							
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
N of resistant isolates	3	0	1	1	0	3	0	0	0	3	3	3	0	3	
MIC															
0.25	1														
0.5															
1														1	
2														2	
4															
>4															
8	3														
>32															
>64	3														
128											2	3			3
>128											1				
>1024															
<=0.03									3						
<=0.25	2														
<=0.5				1					3						
<=1							3								
<=8					3										

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from other poultry species

Sampling Stage: Slaughterhouse			Sampling Type: food sample				Sampling Context: Monitoring			
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling				Programme Code: OTHER AMR MON pnl2			
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	2	0	0	1	0	0	0	0	0
MIC										
0.12	1									
0.25	1									
0.5	1									
2	1									
4	1									
8	2			2						
16	1									
32	1									
<=0.015							2			
<=0.03									2	
<=0.12								2		

Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from other poultry species

Sampling Stage: Slaughterhouse			Sampling Type: food sample					Sampling Context: Monitoring						
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	2	2	1	2	0	0	0	2	2	2	0	2
MIC	0.12													
0.12	2													
0.5	2													
4	2													
>4	2													
8	1													
32	1													
>32	2													
>64	2													
128	2													
>1024	2													
<=0.03	2													
<=0.5	2													
<=1	2													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - unspecified

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs				Sampling Context: Monitoring - passive			
Sampler: HACCP and own check			Sampling Strategy: Selective sampling				Programme Code: OTHER AMR MON pnl2			
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	2	0	0	2	0	0	0	0	0
MIC										
0.12	1									
0.25	1									
0.5	1									
1	1									
4	1 2									
8	2		1		2					
32	2									
<=0.015							2			
<=0.03									2	
<=0.12	1									

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - unspecified

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	4	0	2	1	3	6	0	1	0	6	4	4	0	3
MIC														
0.12	1													
0.25	5													
0.5														
1														
2														
4	1													
>4														
8														
32														
>32														
64														
>64	2													
128	4													
>128	1													
512														
>1024	1													
<=0.03	3													
<=0.25	6													
<=0.5	3													
<=1	5													
<=2	6													
<=8	3													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - unspecified

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue			Sampling Context: Monitoring - passive				
Sampler: HACCP and own check			Sampling Strategy: Selective sampling			Programme Code: OTHER AMR MON pnl2				
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	1	0	0	0	0	0
MIC										
0.12	1									
0.5	1									
4	1									
8	1	1								
32	1									
<=0.015	1									
<=0.03	1									
<=0.12	1									

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - unspecified

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	1	0	1	1	0	2	0	0	0	2	2	1	0	1
MIC	0.25													
1	2													
4	1													
>4	1													
8	1													
>32	1													
>64	1													
>128	2													
>1024	2													
<=0.03	2													
<=0.25	1													
<=0.5	1													
<=1	2													
<=8	2													



Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - unspecified

Sampling Stage: Farm	Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	1	0	0	0	1	2	0	0	0	2	1	1	0	1
MIC	0.25													
1														1
4	2													
>32														1
64														
>64	1													
>128														1
>1024														
<=0.03														2
<=0.25	2												1	1
<=0.5	2													
<=1	1	2												
<=2														1
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - unspecified

Sampling Stage: Cutting plant	Sampling Type: food sample - meat	Sampling Context: Monitoring - passive												
Sampler: HACCP and own check	Sampling Strategy: Selective sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	1	1	0	1
MIC														
0.5														
2	1													
8	1													
>32														
>64	1													
>128														
>1024														
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - unspecified

Sampling Stage: Retail	Sampling Type: food sample - meat					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	1	2	0	0	0	2	2	2	0	2
MIC	0.25													
0.25	2													
0.5	2													
8	2													
>32	2													
>64	2													
128	1													
>1024	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Infantis 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: Dilution - sensititre														
Country of Origin: Italy														
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	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	0	0	0	0	0	5	0	0	0	5	0	0	0	0
MIC	0.25													
4	3													
8	3													
32	4													
64	2													
>128	5													
<=0.015	1													
<=0.03	6													
<=0.25	6													
<=0.5	6													
<=1	6													
<=2	6													
<=4	1													
<=8	6													

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

Sampling Stage: Farm			Sampling Type: environmental sample - dust				Sampling Context: Survey - national survey							
Sampler: Official sampling			Sampling Strategy: Objective sampling				Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
64	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm	Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes																		
Sampler: Official sampling	Sampling Strategy: Census					Programme Code: AMR MON																		
Analytical Method: Dilution - sensititre																								
Country of Origin: Italy																								
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim										
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2										
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25										
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32										
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3										
N of resistant isolates	0	0	0	0	0	3	0	0	0	3	0	0	0	0										
MIC	0.25																							
	0.5																							
	4																							
	1	1											1											
	8	2																						
	64																							
	>128																							
	<=0.03																							
	<=0.25												2	3										
	<=0.5																							
	2	3				3																		
	<=1																							
	<=2												2											
	<=8																							

Table Antimicrobial susceptibility testing of Salmonella Infantis in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	0
MIC														
4	1													
>64	1													
128	1													
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													

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

Sampling Stage: Farm			Sampling Type: environmental sample - dust					Sampling Context: Survey - national survey						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	8	1												
	64										1			
	<=0.015					1								
	<=0.03							1						
	<=0.25		1										1	1
	<=0.5			1				1						
	<=1	1					1							
	<=2											1		
	<=4									1				
	<=8				1									



Table Antimicrobial susceptibility testing of Salmonella Kapemba in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4	1												
32											1			
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Kedougou in Pigs

Sampling Stage: Slaughterhouse			Sampling Type: environmental sample - fabric swab					Sampling Context: Surveillance						
Sampler: Official sampling			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - laying hens - 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: Dilution - sensititre														
Country of Origin: Italy														
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
N of resistant isolates	1	0	0	0	1	7	0	1	0	6	0	0	0	0
MIC														
0.06	1													
0.12	3													
0.25	4													
0.5	1													
2	1													
4	7													
8	1													
16	1													
32	1													
64	4													
>64	1													
128	2													
>128	1													
<=0.015	1													
<=0.03	7													
<=0.25	8													
<=0.5	8													
<=1	6													
<=2	8													
<=4	1													
<=8	7													

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - laying hens - before slaughter

Sampling Stage: Farm	Sampling Type: environmental sample - dust						Sampling Context: Control and eradication programmes							
Sampler: Official sampling	Sampling Strategy: Census						Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	2	0	0	0	2	0	0	0	0
MIC	0.25													
0.25	2													
0.5														
4													1	
32	2													
64													1	
>128													2	
<=0.03													2	
<=0.25	2													
<=0.5													2	
<=1	2													
<=2													2	
<=8	2													

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - laying hens - before slaughter

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	4	0	0	0	4	0	0	0	0
MIC														
0.12	1													
0.25	3													
4														
64														
>128														
<=0.03	4													
<=0.25	4													
<=0.5	4													
<=1	4													
<=2	4													
<=8	4													

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl)

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Clinical investigations						
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
0.25	1													
8	1													
64														
>128	1													
<=0.03	1													
<=0.25	1 1													
<=0.5	1													
<=1	1													
<=2	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring						
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	1	1	0	0	0	1	1	1	0	0
MIC	0.25													
4	1													
>64														
128	1													
>128														
>1024														
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring						
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	2	0	0	0	2	0	0	0	0
MIC	0.25													
4	2													
64														
>128	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=2	2													
<=8	2													



Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	2	0	0	0	2	1	0	0	0
MIC														
0.12	1													
0.25	1													
4														
64	1													
>128	2													
>1024	1													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=2	2													
<=8	2													

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - broilers - unspecified

Sampling Stage: Farm			Sampling Type: environmental sample - dust					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC	0.25													
4	1													
16	1													
>128	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - broilers - unspecified

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	2	0	0	0	2	0	0	0	0
MIC	0.25													
4	2													
16														
32	1													
>128	1													
<=0.03	2													
<=0.25														
<=0.5	2													
<=1	2													
<=2	2													
<=8	2													

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Meat from pig

Sampling Stage: Cutting plant			Sampling Type: food sample					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
0.25	1													
4	1													
32														
>128														
<=0.03	1													
<=0.25	1 1													
<=0.5	1													
<=1	1													
<=2														
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Meat from turkey

Sampling Stage: Processing plant			Sampling Type: food sample					Sampling Context: Monitoring							
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
N of resistant isolates	1	0	0	0	1	1	0	1	0	1	1	1	0	1	
MIC															
0.5															
8	1														
16								1							
>32														1	
64												1			
>64	1														
>128					1										
>1024										1		1			
<=0.03										1					
<=0.25			1												
<=0.5				1											
<=1							1								

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - unspecified

Sampling Stage: Cutting plant			Sampling Type: food sample - carcase swabs					Sampling Context: Monitoring - passive							
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0	
MIC															
0.12						1									
4	1														
64											1				
>128											1				
<=0.03									1						
<=0.25			1										1	1	
<=0.5				1					1						
<=1	1							1							
<=2													1		
<=8					1										

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

Sampling Stage: Farm			Sampling Type: environmental sample - dust					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC	0.25													
4	1													
32	1													
>128	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC	0.25													
8	1													
>128														
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=8	1													



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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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	15	15	15	15	15	15	15	15	15	15	15	15	15	15
N of resistant isolates	2	0	0	0	0	14	0	0	0	14	1	2	0	1
MIC														
0.12	2													
0.25	12													
0.5														
1	1													
4	12													
8	1													
32														
>32														
64	1													
>64	2													
128	4													
>128	10													
>1024	1													
<=0.015	1													
<=0.03	15													
<=0.25	15													
<=0.5	15													
<=1	15													
<=2	13													
<=4	13													
<=8	15													

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

Sampling Stage: Farm	Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	1	0	0	0	0	5	0	0	0	5	1	1	0	0
MIC	0.25													
4	5													
32	1													
64	3													
>64	1	1												
>128	5													
>1024	1													
<=0.03	5													
<=0.25	5													
<=0.5	5													
<=1	4	5												
<=2	4													
<=8	5													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Survey - national survey						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	1	1	0	0	0	1	1	1	0	0
MIC														
0.25	1													
4	1													
64	1													
>64	1													
>128	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Clinical investigations						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC	0.25													
4	1													
64														
>128	1													
<=0.03	1													
<=0.25													1	1
<=0.5	1													
<=1	1													
<=2	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Kentucky in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check		Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC	0.25													
4	1													
>128														
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1	1												
<=2	1													
<=8	1													

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

Sampling Stage: Cutting plant	Sampling Type: food sample - neck skin	Sampling Context: Monitoring - passive												
Sampler: HACCP and own check	Sampling Strategy: Selective sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
0.5													1	
4		1												
16											1			
>64	1											1		
<=0.015						1								
<=0.03									1					
<=0.25			1											1
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Liverpool in Gallus gallus (fowl) - broilers - unspecified

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

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

Sampling Stage: Cutting plant	Sampling Type: food sample - carcase swabs					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	0	0	0
MIC	0.5													
8	1													
>64	1													
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella Livingstone in All feedingstuffs

Sampling Stage: Feed mill			Sampling Type: feed sample					Sampling Context: Surveillance						
Sampler: Official sampling			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MIC														
4	1													
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Gallus gallus (fowl) - laying hens - 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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.5													
8	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

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: Dilution - sensititre														
Country of Origin: Italy														
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
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.03													
0.03	2													
0.5	5													
2	2													
4	1													
8	9													
32	5													
64	6													
<=0.015	9													
<=0.03	11													
<=0.25	10													
<=0.5	11													
<=1	8													
<=2	11													
<=4	9													
<=8	11													

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Gallus gallus (fowl) - breeding flocks, unspecified

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue					Sampling Context: Control and eradication programmes									
Sampler: Official sampling	Sampling Strategy: Census					Programme Code: AMR MON									
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
N of resistant isolates	1	0	0	0	0	1	0	0	0	0	2	2	0	0	
MIC	0.5														
4	4														
16															
32	1														
>64	1	2													
>1024												2			
<=0.015	3														
<=0.03											4				
<=0.25						4								3	4
<=0.5					4										
<=1	3							4							
<=2															
<=4											3				
<=8						4									

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Meat from pig

Sampling Stage: Processing plant			Sampling Type: food sample			Sampling Context: Monitoring - passive								
Sampler: Official sampling			Sampling Strategy: Selective sampling			Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Meat from pig

Sampling Stage: Farm			Sampling Type: food sample					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	1
MIC														
1														
4	1													
>32														
>64	1													1
>128	1													
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													

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

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC														
0.25	1													
4	1													
128	1													
>128	1													
<=0.03	1													
<=0.25	1 1													
<=0.5	1													
<=1	1													
<=2	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Pigs

Sampling Stage: Processing plant			Sampling Type: food sample - neck skin				Sampling Context: Monitoring - passive							
Sampler: Official sampling			Sampling Strategy: Selective sampling				Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.5														
4	1													
64														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella Livingstone in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - faeces	Sampling Context: Monitoring - passive												
Sampler: HACCP and own check	Sampling Strategy: Selective sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	1
MIC														
>32														1
>64	1											1		
>128					1									
>1024											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
<=1							1							
<=2		1												
<=4										1				

Table Antimicrobial susceptibility testing of Salmonella Livingstone in Pigs

Sampling Stage: Retail	Sampling Type: food sample - meat					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	0	1	0	0
MIC	0.12													
	0.5													
	1													
	4													
	64													
	>64													
	>128													
	<=0.03													
	<=0.25													
	<=0.5													
	<=1													
	<=8													

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

Sampling Stage: Slaughterhouse	Sampling Type: animal sample - caecum						Sampling Context: Monitoring - active							
Sampler: Official sampling	Sampling Strategy: Objective sampling						Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC	0.5													
2	1													
4	4													
32	1													
>64	1													
128	3													
<=0.015	4													
<=0.03	4													
<=0.25	3													
<=0.5	1													
<=1	3													
<=2	4													
<=4	3													
<=8	4													

Table Antimicrobial susceptibility testing of Salmonella London in Gallus gallus (fowl) - broilers

Sampling Stage: Farm	Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4	1										1		
64											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella London in Meat from pig

Sampling Stage: Processing plant	Sampling Type: food sample					Sampling Context: Monitoring								
Sampler: HACCP and own check	Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.5														
4	1													
64														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella London in Meat from pig

Sampling Stage: Cutting plant			Sampling Type: food sample					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Survey - national survey						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates														
MIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1	1												
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella London in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	0	1	0	0
MIC														
0.12	1													
32	1													
>64	1													
>128	1													
<=0.03	1													
<=0.25													1	1
<=0.5	1													
<=1	1													
<=2	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella London in Pigs

Sampling Stage: Slaughterhouse			Sampling Type: environmental sample - fabric swab					Sampling Context: Surveillance						
Sampler: Official sampling			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	1	0	0	1	0	0	0	0	0	0
MIC	0.03													
0.03	1													
0.5	1													
2	1													
16	1													
64	1													
>128	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													

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

Sampling Stage: Cutting plant			Sampling Type: food sample - carcase swabs				Sampling Context: Monitoring - passive							
Sampler: Official sampling			Sampling Strategy: Selective sampling				Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Manhattan in Gallus gallus (fowl) - broilers - unspecified

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

Table Antimicrobial susceptibility testing of Salmonella Manhattan in Meat from pig

Sampling Stage: Processing plant			Sampling Type: food sample			Sampling Context: Monitoring - passive								
Sampler: HACCP and own check			Sampling Strategy: Selective sampling			Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4	1												
64											1			
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Manhattan 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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
32														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Manhattan in Pigs

Sampling Stage: Processing plant			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4	1												
32											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Manhattan in Pigs

Sampling Stage: Farm		Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive							
Sampler: HACCP and own check		Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Manhattan in Pigs

Sampling Stage: Cutting plant			Sampling Type: food sample - meat				Sampling Context: Monitoring - passive							
Sampler: HACCP and own check			Sampling Strategy: Selective sampling				Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													



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

Sampling Stage: Farm			Sampling Type: environmental sample - dust					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
16	1													
128														
<=0.015	1													
<=0.03														
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	8													
	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm		Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes							
Sampler: Official sampling		Sampling Strategy: Census					Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MIC	0.12													
4	1													
32	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Montevideo in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm			Sampling Type: environmental sample - fabric swab					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC	2	1												
8		1								1				
16												1		
64											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Montevideo in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
	1													
	1													
	1													
	1													
	1													
	1													
	1													
	1													
	1													
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Table Antimicrobial susceptibility testing of Salmonella Muenchen in Gallus gallus (fowl) - laying hens

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates														
MIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1	1												
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	2	1												
4		1												
64											1			
<=0.015						1								
<=0.03									1					
<=0.25			1											
<=0.5				1				1					1	1
<=1							1							
<=2												1		
<=4										1				
<=8					1									



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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
4														
16	1													
64														
<=0.015														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=4														
<=8														

Table Antimicrobial susceptibility testing of Salmonella Muenster in Gallus gallus (fowl) - breeding flocks, unspecified

Sampling Stage: Farm			Sampling Type: environmental sample - dust					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	1	0	0	0	0	0	1	1	0	0
MIC														
4	1													
>64	1													
>128	1													
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													

Table Antimicrobial susceptibility testing of Salmonella Napoli in Gallus gallus (fowl) - laying hens - 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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MIC														
0.12														
4	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Napoli in Gallus gallus (fowl) - breeding flocks, unspecified

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

Table Antimicrobial susceptibility testing of Salmonella Napoli in Gallus gallus (fowl) - breeding flocks, unspecified

Sampling Stage: Farm			Sampling Type: animal sample - faeces				Sampling Context: Control and eradication programmes							
Sampler: Official sampling			Sampling Strategy: Census				Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	16													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	0	1	1	0	1
MIC	0.25													
	0.5													
	4													
	16													
	>32													
	>64													
	>1024													
	<=0.03													
	<=0.25													
	<=0.5													
	<=1													
	<=8													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	8													
	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Newport in Gallus gallus (fowl) - broilers - unspecified

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



Table Antimicrobial susceptibility testing of Salmonella Newport in Turkeys - unspecified

Sampling Stage: Farm	Sampling Type: environmental sample - boot swabs					Sampling Context: Surveillance								
Sampler: Official sampling	Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	0	0	0	0	0	0	2	2	0	2
MIC	0.5													
4	1													
8	1													
16	1													
>32	2													
>64	2													
>1024	2													
<=0.015	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=4	2													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Newport in Turkeys

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

Table Antimicrobial susceptibility testing of Salmonella Newport in Turkeys - breeding flocks, unspecified

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

Table Antimicrobial susceptibility testing of Salmonella Newport in Meat from turkey

Sampling Stage: Processing plant			Sampling Type: food sample					Sampling Context: Monitoring						
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	1
MIC														
0.5														
8														
	1													
>32														
>64	1													
>1024														
<=0.015	1													
<=0.03														
<=0.25	1													
<=0.5														
	1													
<=1														
<=4	1													
<=8														

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

Sampling Stage: Farm		Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive							
Sampler: HACCP and own check		Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.03													
4	1													
8	1													
16	1													
64	1													
<=0.015	1													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=2	2													
<=4	1													
<=8	2													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	1	0	0	1	0	0	0
MIC														
4	1													
8														
>1024														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Oranienburg 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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
16	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
16	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella Ordenez in Gallus gallus (fowl) - laying hens - before slaughter

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
16	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Orlando in Live bivalve molluscs

Sampling Stage: Retail			Sampling Type: food sample					Sampling Context: Survey - national survey						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Slaughterhouse	Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active									
Sampler: Official sampling	Sampling Strategy: Objective sampling					Programme Code: AMR MON									
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
MIC															
0.5															
2	2						2								
4												2			
64															
>64	1											3			
<=0.015						3									
<=0.03										3					
<=0.25	3												1		3
<=0.5					3					3					
<=1							1								
<=2													3		
<=4										3					
<=8					3										

Table Antimicrobial susceptibility testing of Salmonella Panama in Meat from pig

Sampling Stage: Cutting plant	Sampling Type: food sample	Sampling Context: Monitoring - passive												
Sampler: HACCP and own check	Sampling Strategy: Selective sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	2						1							
8		1												
>64	1													
128											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=2												1		
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Panama in Pigs

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MIC														
4	1													
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Slaughterhouse	Sampling Type: food sample - carcass swabs					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
0.03														
0.5														
2													1	1
8														
64												1		
>64													1	
<=0.03														
<=0.25														
<=0.5														
<=1														
<=4														
<=8														

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

Sampling Stage: Cutting plant	Sampling Type: food sample - carcase swabs						Sampling Context: Monitoring - passive							
Sampler: Official sampling	Sampling Strategy: Selective sampling						Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	2	0	0
MIC	0.5													
1	1													
4	1													
8	1													
32	1													
64	1													
>64	1	2												
<=0.015	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	1	2												
<=4	2													
<=8	2													



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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active												
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON												
Analytical Method: Dilution - sensititre																				
Country of Origin: Italy																				
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim						
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2						
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25						
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32						
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4						
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0						
MIC	0.06																			
0.5													2	1						
1																				
2	3																			
4																				
8																				
64											3									
>64													1							
128											1									
<=0.015						4														
<=0.03										3										
<=0.25				4								2	3							
<=0.5					3															
<=1	1							4												
<=2													3							
<=4											4									
<=8					4															

Table Antimicrobial susceptibility testing of Salmonella Rissen in Gallus gallus (fowl) - broilers

Sampling Stage: Retail			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive							
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
N of resistant isolates	1	0	0	0	1	1	0	0	0	1	1	0	0	0	
MIC															
0.12						1									
8	1														
>64	1														
128					1	1									
>1024											1				
<=0.03									1						
<=0.25	1														
<=0.5				1					1						
<=1							1								
<=2												1			

Table Antimicrobial susceptibility testing of Salmonella Rissen in Meat from pig

Sampling Stage: Processing plant	Sampling Type: food sample					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
0.5														1
8													1	
64											1			
>64												1		
<=0.015						1								
<=0.03									1					
<=0.25				1										1
<=0.5					1									
<=1	1						1	1						
<=4											1			
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Rissen in Meat from pig

Sampling Stage: Slaughterhouse			Sampling Type: food sample					Sampling Context: Surveillance								
Sampler: Official sampling			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre																
Country of Origin: Italy																
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim		
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2		
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25		
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32		
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0		
MIC																
0.5														1		
8																
>64	1												1			
1024																
<=0.015						1										
<=0.03										1						
<=0.25			1												1	
<=0.5				1												
<=1							1	1								
<=4											1					
<=8					1											

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.06													
	0.5													
	4													
	8													
	64													
	<=0.015													
	<=0.03													
	<=0.25													
	<=0.5													
	<=1													
	<=2													
	<=4													
	<=8													

Table Antimicrobial susceptibility testing of Salmonella Rissen in Pigs

Sampling Stage: Processing plant			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	1
MIC														
0.5														
4	1													
>32														
>64	1													
>1024														
<=0.015	1													
<=0.03														
<=0.25	1													
<=0.5														
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Rissen in Pigs

Sampling Stage: Farm	Sampling Type: environmental sample - dust	Sampling Context: Monitoring - passive												
Sampler: Official sampling	Sampling Strategy: Selective sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC	0.5												1	
4		1												
64											1			
>64												1		
<=0.015						1								
<=0.03									1					
<=0.25			1											1
<=0.5				1				1						
<=1	1						1							
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Rissen in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - nasal swab					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MIC	0.25													
4	1													
16														
64	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella Rissen in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	1	0	0	0	1	0	0	1	0	0	1	1	0	1
MIC	0.5													
4	2													
32	1													
>32	1													
64	1													
>64	1	1												
>128	1													
>1024	1													
<=0.015	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	1	2												
<=2	1													
<=4	2													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Rissen in Pigs

Sampling Stage: Cutting plant	Sampling Type: food sample - meat					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	1	0	0	1	1	0	1
MIC	0.25													
0.25	1													
0.5	1													
4	1													
8	1													
32	1													
>32	1													
>64	1													
>128	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	1
MIC	1													
2	1													
4		2												
32											1			
>32														1
>64	1											1		
>128					1									
>1024											1			
<=0.015						2								
<=0.03			2						2					
<=0.25			2										2	1
<=0.5				2				2						
<=1							2							
<=2												1		
<=4										2				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Saintpaul in Meat, mixed meat

Sampling Stage: Cutting plant	Sampling Type: food sample					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	1	1	0	1
MIC	4	1												1
16		1												
>64												1		
>1024											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Saintpaul in Turkeys

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

Table Antimicrobial susceptibility testing of Salmonella Schwarzengrund in Turkeys

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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	3	0	0	0	0	3	2	3	0	0	0	3	0	0
MIC														
0.06														
0.5														
4														
8														
16														
32														
>32														
>64	3													
<=0.03														
<=0.25														
<=0.5														
<=1														
<=8														

Table Antimicrobial susceptibility testing of Salmonella Schwarzengrund in Turkeys - fattening flocks

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

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	4	1												
64	1											1		
>1024											1			
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									



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

Sampling Stage: Cutting plant			Sampling Type: food sample - carcase swabs					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates														
MIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8		1												
32											1			
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1	1						1							
<=2												1		
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm			Sampling Type: animal sample - cloacal swab					Sampling Context: Monitoring						
Sampler: HACCP and own check			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

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

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Turkey

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: Dilution - sensititre														
Country of Origin: Italy														
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
N of resistant isolates	3	3	0	0	3	2	0	3	0	0	3	3	0	3
MIC														
0.25	2													
2	1													
4	3													
8	2													
16	1													
32	2													
>32	3													
64	1													
>64	3													
>128	3													
>1024	3													
<=0.015	5													
<=0.03	7													
<=0.25	7													
<=0.5	7													
<=1	4													
<=2	1													
<=4	6													
<=8	4													

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

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

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

Sampling Stage: Farm			Sampling Type: animal sample - eggs					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Gallus gallus (fowl) - unspecified

Sampling Stage: Farm	Sampling Type: environmental sample - boot swabs						Sampling Context: Monitoring - passive							
Sampler: HACCP and own check	Sampling Strategy: Selective sampling						Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.5													
4	2													
32	2													
<=0.015	2													
<=0.03	2													
<=0.25	2												1	2
<=0.5	2													
<=1	2	2						2		2				
<=2	2													
<=4	2										2			
<=8	2													

Table Antimicrobial susceptibility testing of Salmonella Senftenberg in Gallus gallus (fowl) - unspecified

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
0.06	1													
0.5	1													
8	1													
16	1													
>64	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													



Table Antimicrobial susceptibility testing of Salmonella Senftenberg 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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	1	1	0	0
MIC	0.25													
	0.5													
	2													
	8													
	>64													
	>128													
	>1024													
	<=0.03													
	<=0.25													
	<=0.5													
	<=1													
	<=8													

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

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Stanley in Meat from turkey

Sampling Stage: Retail			Sampling Type: food sample					Sampling Context: Surveillance																			
Sampler: Official sampling			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON																			
Analytical Method: Dilution - sensititre																											
Country of Origin: Italy																											
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim													
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2													
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25													
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32													
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0													
MIC	0.12																										
4	1																										
32																											
>128	1																										
<=0.03	1																										
<=0.25	1												1	1													
<=0.5	1																										
<=1	1	1				1				1																	
<=2	1																										
<=8	1																										

Table Antimicrobial susceptibility testing of Salmonella Szentes in Gallus gallus (fowl) - laying hens - before slaughter

Sampling Stage: Farm		Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes							
Sampler: Official sampling		Sampling Strategy: Census					Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
2	1													
4	1													
128											1			
<=0.015						1								
<=0.03										1				
<=0.25			1										1	1
<=0.5					1				1					
<=1							1	1						
<=2												1		
<=4										1				
<=8					1									

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

Sampling Stage: Farm			Sampling Type: environmental sample - dust					Sampling Context: Survey - national survey						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: environmental sample - fabric swab					Sampling Context: Control and eradication programmes										
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON										
Analytical Method: Dilution - sensititre																		
Country of Origin: Italy																		
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim				
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2				
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25				
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32				
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0				
MIC																		
4	1																	
>64	1																	
>1024												1						
<=0.015						1												
<=0.03										1								
<=0.25				1								1	1					
<=0.5					1													
<=1							1	1										
<=4										1								
<=8					1													



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

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	8													
	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	32													
	1													
	1													
	1													
	1													
	1													
	1													
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Table Antimicrobial susceptibility testing of Salmonella Toulon in Gallus gallus (fowl) - laying hens

Sampling Stage: Farm			Sampling Type: environmental sample - dust					Sampling Context: Survey - national survey						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	64													
	<=0.015													
	<=0.03													
	<=0.25													
	<=0.5													
	<=1													
	<=2													
	<=4													
	<=8													

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

Sampling Stage: Processing plant	Sampling Type: food sample - carcase swabs						Sampling Context: Monitoring - passive							
Sampler: Official sampling	Sampling Strategy: Selective sampling						Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	1													
	32													
	>64													
	1													
	<=0.015													
	1													
	<=0.03													
	1													
	<=0.25													
	1													
	<=0.5													
	1													
	<=1													
	1													
	<=2													
	1													
	<=4													
	1													
	<=8													
	1													

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

Sampling Stage: Cutting plant		Sampling Type: food sample - carcass swabs					Sampling Context: Monitoring - passive							
Sampler: Official sampling		Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	32													
	>64													
	<=0.015													
	<=0.03													
	<=0.25													
	<=0.5													
	<=1													
	<=2													
	<=4													
	<=8													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Rabbits

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	0
MIC	0.03													
0.03	1													
0.5	1													
1	1													
4	1													
64	1													
>64	1													
>128	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	3	0	0	0	3	4	0	1	0	4	3	4	0	1
MIC														
0.12	1													
0.25	1													
0.5	1													
1	1													
2	1													
4	4													
8	1													
16	1													
32	1													
>32	1													
64	1													
>64	3													
>128	3													
>1024	3													
<=0.015	1													
<=0.03	5													
<=0.25	4													
<=0.5	4													
<=1	1	5												
<=2	1													
<=4	1													
<=8	2													

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

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue						Sampling Context: Monitoring - passive															
Sampler: HACCP and own check	Sampling Strategy: Selective sampling						Programme Code: OTHER AMR MON															
Analytical Method: Dilution - sensititre																						
Country of Origin: Italy																						
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								
N of resistant isolates	8	0	0	0	7	7	0	7	0	5	7	8	0	8								
MIC																						
0.03	1																					
0.25	1																					
0.5	2												4									
1	4												1									
4	3																					
8	7																					
16								2	2			1										
32								3	4			2	8									
>32								2														
64												1	1									
>64	8																					
>128											7											
>1024												7										
<=0.015	3																					
<=0.03	11																					
<=0.25	9												6	3								
<=0.5								4														
<=1	3							11														
<=2	1											3										
<=4										4												
<=8	4																					



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

Sampling Stage: Farm	Sampling Type: animal sample - faeces	Sampling Context: Monitoring												
Sampler: HACCP and own check	Sampling Strategy: Convenient sampling	Programme Code: OTHER AMR MON												
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4	1										1		
	16										1			
	<=0.015													
	<=0.03													
	<=0.25													
	<=0.5													
	<=1													
	<=4													
	<=8													

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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	0
MIC														
0.03	1													
4	1													
32	1													
>64	1													
>128	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													

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

Sampling Stage: Feed mill			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	1	0	1	1	1	0	1
MIC	0.5													
1	1													
8	1													
32	1													
>32	1													
>64	1													
>128	1													
>1024	1													
<=0.03	1													
<=1	1													

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

Sampling Stage: Retail			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	0	0	0	1	1	0	1
MIC	0.5													
4	1													
>32														
>64	1													
>128	1													
>1024	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													

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

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: AMR MON pnl2

AM substance	Cefepime		Cefotaxim		Cefotaxime + Clavulanic acid		Ceftazidime		Ceftazidime + Clavulanic acid		Ertapenem		Imipenem		Meropenem		Temocillin	
Cefotaxime synergy test	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent
Ceftazidime synergy test	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent
ECOFF	0.125	0.125	0.5	0.5	0.5	0.5	8	8	2	2	2	2	0.06	0.06	1	1	0.125	0.125
Lowest limit	0.06	0.06	0.25	0.25	0.06	0.06	0.5	0.5	0.25	0.25	0.12	0.12	0.015	0.015	0.12	0.12	0.03	0.03
Highest limit	32	32	64	64	64	64	64	64	128	128	128	128	2	2	16	16	16	16
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MIC	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	1	1
0.06																		
0.25																		
0.5	1																	
1																		
2		1																
4			1															
8						1												
16				1														
32									1									
>64								1										
128																		1
<=0.015													1	1				
<=0.03																1		
<=0.06					1													
<=0.5							1											

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	4	0	2	1	4	1	0	0	0	0	0	1	0	1
MIC														
0.03	2													
0.06	1													
0.5	2													
1	1													
4	3													
>4	1													
8	1													
>8	1													
16	1													
32	3													
64	1													
>64	4													
>128	4													
<=0.015	2													
<=0.03	4													
<=0.25	3													
<=0.5	3													
<=1	4													
<=2	5													
<=4	4													
<=8	1													

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

Sampling Stage: Retail	Sampling Type: food sample					Sampling Context: Surveillance										
Sampler: Official sampling	Sampling Strategy: Suspect sampling					Programme Code: OTHER AMR MON										
Analytical Method: Dilution - sensititre																
Country of Origin: Italy																
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim		
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2		
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25		
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32		
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0		
MIC																
0.5														1		
4																
>64	1															
>1024														1		
<=0.015						1										
<=0.03										1						
<=0.25	1														1	
<=0.5					1											
<=1							1	1								
<=4											1					
<=8					1											

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - laying hens - 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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.03	1													
0.5	1													
2	1													
8	1													
128	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=8	1													



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

Sampling Stage: Farm	Sampling Type: animal sample - faeces						Sampling Context: Control and eradication programmes								
Sampler: Official sampling	Sampling Strategy: Census						Programme Code: AMR MON								
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MIC	0.03														
2							1								
4	1														
128															
<=0.03									1						
<=0.25	1														
<=0.5	1														
<=1	1														
<=2												1			
<=4										1					
<=8					1										

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm	Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring								
Sampler: HACCP and own check	Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	0	0	0	0	0	0	1	2	0	0
MIC	0.03													
4	2													
8														
32	1													
64														
>64	1													
>1024														
<=0.015	1													
<=0.03														
<=0.25	2													
<=0.5														
<=1	2													
<=4														
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
4	1													
>64	1											1		
>1024														
<=0.015	1													
<=0.03														
<=0.25	1											1		1
<=0.5														
<=1							1							
<=4														
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm	Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Census					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	4	1												
>64	1											1		
>1024											1			
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from pig

Sampling Stage: Processing plant	Sampling Type: food sample					Sampling Context: Monitoring								
Sampler: HACCP and own check	Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	3	3	3	3	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	2	0	0	0	0	0	0	0	0	0	2	2	0	0
MIC	0.5													
2	1													
4	3													
64	1													
>64	2													
>1024	2													
<=0.015	3													
<=0.03	3													
<=0.25	3													
<=0.5	3													
<=1	3													
<=2	1													
<=4	3													
<=8	3													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from pig

Sampling Stage: Farm			Sampling Type: food sample			Sampling Context: Monitoring - passive				
Sampler: Official sampling			Sampling Strategy: Selective sampling			Programme Code: OTHER AMR MON pnl2				
Analytical Method: Dilution - sensititre										
Country of Origin: Italy										
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent
Ceftazidime synergy test	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent	Negative/Absent
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	1	1	1	1	0	0	0	0
MIC										
0.03							1			
0.25	1							1		
8										1
16		1	1		1	1				
64				1						
<=0.03									1	

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from pig

Sampling Stage: Farm	Sampling Type: food sample	Sampling Context: Monitoring - passive
Sampler: Official sampling	Sampling Strategy: Selective sampling	Programme Code: OTHER AMR MON
Analytical Method: Dilution - sensititre		
Country of Origin: Italy		

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

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from pig

Sampling Stage: Retail	Sampling Type: food sample					Sampling Context: Monitoring								
Sampler: HACCP and own check	Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	1	1	0	0
MIC														
0.12	1													
4	1													
64	1													
>64	1													
128	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Turkeys

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: Dilution - sensititre														
Country of Origin: Italy														
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
N of resistant isolates	8	0	0	0	1	0	0	8	0	1	1	8	0	1
MIC														
0.06	1													
0.5	2													
4	7													
8	1													
32	6													
>32	2													
>64	7													
128	8													
>128	1													
>1024	1													
<=0.015	7													
<=0.03	8													
<=0.25	8													
<=0.5	8													
<=1	8													
<=4	6													
<=8	7													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Turkeys

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs and dust					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MIC	0.06													
2	1													
4	1													
128	1													
<=0.015	1													
<=0.25	1													
<=0.5	1													
<=2	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Turkeys

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes						
Sampler: Official sampling			Sampling Strategy: Census					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	1	0	0	0	1	0	0
MIC														
4	1													
32														
>64	1													
<=0.015	1													
<=0.03														
<=0.25	1													
<=0.5	1													
<=1														
<=4	1													
<=8	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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	2												1	
8	1													
32														
<=0.015	2													
<=0.03	2													
<=0.25	2													
<=0.5													2	
<=1	2													
<=2	1													
<=4	2													
<=8	2													

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

Sampling Stage: Farm		Sampling Type: animal sample - faeces					Sampling Context: Control and eradication programmes							
Sampler: Official sampling		Sampling Strategy: Census					Programme Code: AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	0.5													
4	4													
32	3													
<=0.015	4													
<=0.03	4													
<=0.25	4													
<=0.5	4													
<=1	4													
<=2	4													
<=4	4													
<=8	4													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Pigs

Sampling Stage: Processing plant			Sampling Type: food sample - meat				Sampling Context: Monitoring - passive																		
Sampler: HACCP and own check			Sampling Strategy: Selective sampling				Programme Code: OTHER AMR MON																		
Analytical Method: Dilution - sensititre																									
Country of Origin: Italy																									
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim											
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2											
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25											
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32											
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2											
N of resistant isolates	2	0	0	0	0	2	0	0	0	2	2	2	0	0											
MIC																									
0.12	2																								
4	1																								
>64	2																								
128											2														
>1024												2													
<=0.03										2															
<=0.25				2										2	2										
<=0.5					2					2															
<=1							2																		
<=2			1																						
<=8					2																				

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Pigs

Sampling Stage: Farm			Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	1	1	0	0	0	1	2	2	0	0
MIC														
0.03														
0.06														
0.12														
0.5														
1														
4														
8														
16														
>64														
>128														
>1024														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=8														

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	4	0	0	0	4	2	0	1	0	2	4	3	1	4
MIC	0.5													
1	1													
2	1													
4	1													
8	1													
16	2													
32	1													
>32	4													
>64	3													
>128	2													
>1024	4													
<=0.015	2													
<=0.03	4													
<=0.25	4													
<=0.5	4													
<=1	4													
<=2	4													
<=4	2													



Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	0	0	1	1	1	0	1
MIC														
0.12	1													
>32	1													
>64	1													
128					1						1			
>1024											1			
<=0.03									1					
<=0.25			1											
<=0.5				1					1	1				
<=1							1							
<=2	1													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Pigs

Sampling Stage: Farm	Sampling Type: animal sample - faeces						Sampling Context: Monitoring - passive							
Sampler: HACCP and own check			Sampling Strategy: Selective sampling						Programme Code: OTHER AMR MON					
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	2	0	0	0	0	0	2	2	0	2
MIC	1													
4	1													
8	1													
32	1													
>32														
>64	2													
>128	1													
>1024	2													
<=0.015	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=4	2													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Pigs

Sampling Stage: Slaughterhouse			Sampling Type: environmental sample - fabric swab					Sampling Context: Surveillance						
Sampler: Official sampling			Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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
N of resistant isolates	7	0	0	0	0	1	0	0	0	0	5	7	0	1
MIC														
0.03	1													
0.12	1													
0.5														
1	2													
4	1													
8	1													
>32	1													
64	2													
>64	7													
>1024	5													
<=0.015	5													
<=0.03	7													
<=0.25	5													
<=0.5	6													
<=1	7													
<=4	6													
<=8	7													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Pigs

Sampling Stage: Retail			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
4	1													
32	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Cutting plant	Sampling Type: food sample - carcass swabs					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC														
0.5														
8	1													
64														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													

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

Sampling Stage: Cutting plant			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	0	0	1	1	1	0	0
MIC														
0.25														
4														
64														
>64														
>128														
>1024														
<=0.03														
<=0.25														
<=0.5														
<=1														

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

Sampling Stage: Cutting plant			Sampling Type: food sample - meat					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	0	0	1	1	1	0	0
MIC														
0.25														
4														
64														
>64														
>128														
>1024														
<=0.03														
<=0.25														
<=0.5														
<=1														

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Cattle (bovine animals) - calves (under 1 year) - veal calves

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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
N of resistant isolates	7	0	0	0	4	2	0	0	0	0	7	7	0	1
MIC														
0.03	1													
0.06	1													
0.12	1													
0.25	1													
0.5													3	3
1													1	1
4	4													
8	3													
16														
>32	1													
>64	7												7	1
128	2													
>128	2													
>1024	7													
<=0.015	3													
<=0.03	5													
<=0.25	7												3	2
<=0.5	7													
<=1	7													
<=4	5													
<=8	3													



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

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue	Sampling Context: Monitoring - passive
Sampler: HACCP and own check	Sampling Strategy: Selective sampling	Programme Code: OTHER AMR MON pnl2
Analytical Method: Dilution - sensititre		
Country of Origin: Italy		

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	1	0	0	0	0	0	0	0	0
MIC										
0.25						1		1		
2				1	1					
4	1									1
32		1								
<=0.015							1			
<=0.03									1	
<=0.06			1							

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

Sampling Stage: Farm	Sampling Type: animal sample - organ/tissue						Sampling Context: Monitoring - passive							
Sampler: HACCP and own check	Sampling Strategy: Selective sampling						Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5	5	5
N of resistant isolates	5	0	1	0	2	0	0	1	0	0	5	5	0	2
MIC														
1														
2	1													
4														
>4	1													
8	1													
16	1													
32														
>32	1													
>64														
>128	2													
>1024	5													
<=0.015	5													
<=0.03	5													
<=0.25	4													
<=0.5	4													
<=1	5													
<=4	5													
<=8	3													

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

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring						
Sampler: HACCP and own check			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	0	0	1	0	0	1	1	0	1
MIC	0.06													
1	1													
8	1													
>32	1													
>64	1													
>128	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum			Sampling Context: Monitoring - active					
Sampler: Official sampling			Sampling Strategy: Objective sampling			Programme Code: AMR MON pni2					
Analytical Method: Dilution - sensititre											
Country of Origin: Italy											
AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin	
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	
ECOFF	0.125	0.5	0.5	8	2	2	0.06	1	0.125	32	
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5	
Highest limit	32	64	64	64	128	128	2	16	16	128	
N of tested isolates	1	1	1	1	1	1	1	1	1	1	
N of resistant isolates	1	1	0	0	1	0	0	0	0	0	
MIC											
0.12											
0.25											
1	1										
2											
4											
		1									
8											
64											
						1					
<=0.015							1				
<=0.03									1		

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active																	
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON																	
Analytical Method: Dilution - sensititre																									
Country of Origin: Italy																									
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	28	28	28	28	28	28	28	28	28	28	28	28	28	28											
N of resistant isolates	28	0	1	1	3	5	0	2	0	5	28	27	0	2											
MIC																									
0.03	3																								
0.06	2																								
0.12	3																								
0.25	1																								
0.5	1												13	1											
1	1												2												
2	1																								
4	23																								
8	4																								
>8	1																								
16										1	1														
32	2																								
>32	2																								
64	1											1	2												
>64	28																								
>128	2									3	25														
>1024											28														
<=0.015	20																								
<=0.03	26																								
<=0.25	27												13	25											
<=0.5	26																								
<=1	27																								
<=2	1												1												
<=4	22																								
<=8	25																								

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Gallus gallus (fowl) - broilers

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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	1	1	0	1	0	0	1	1	0	1
MIC														
0.06	1													
0.25	1													
4	1													
16	1													
>32	1													
>64	1													
>128	1													
>1024	1													
<=0.25	1													
<=0.5	1													
<=1	1													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from other animal species or not specified

Sampling Stage: Game handling establishment			Sampling Type: food sample			Sampling Context: Survey - national survey									
Sampler: Official sampling			Sampling Strategy: Objective sampling			Programme Code: OTHER AMR MON									
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim	
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2	
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25	
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32	
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0	
MIC															
4	1														
>64	1											1			
>1024												1			
<=0.015						1									
<=0.03									1						
<=0.25			1										1	1	
<=0.5				1					1						
<=1							1								
<=4										1					
<=8					1										

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Live bivalve molluscs

Sampling Stage: Unspecified			Sampling Type: food sample					Sampling Context: Monitoring								
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre																
Country of Origin: Italy																
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim		
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2		
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25		
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32		
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0		
MIC																
4	1															
>64	1											1				
>1024											1					
<=0.015	1															
<=0.03										1						
<=0.25	1														1	1
<=0.5					1								1			
<=1							1	1								
<=4											1					
<=8					1											



Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig

Sampling Stage: Processing plant			Sampling Type: food sample					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
4	1													
>64	1											1		
>1024														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig

Sampling Stage: Processing plant	Sampling Type: food sample					Sampling Context: Monitoring - passive								
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4
N of resistant isolates	2	0	0	0	0	0	0	0	0	0	3	2	0	0
MIC	1													
2														
4		3												
8		1								1				
>64	2											2		
128											1			
>1024											3			
<=0.015						4								
<=0.03								4						
<=0.25			4										4	4
<=0.5				4				4						
<=1	1						4							
<=2												2		
<=4										3				
<=8					4									

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig

Sampling Stage: Cutting plant			Sampling Type: food sample					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	4													
>64	1	1												
>1024														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig

Sampling Stage: Cutting plant	Sampling Type: food sample					Sampling Context: Monitoring - passive													
Sampler: HACCP and own check	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON													
Analytical Method: Dilution - sensititre																			
Country of Origin: Italy																			
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim					
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2					
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25					
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32					
N of tested isolates	4	4	4	4	4	4	4	4	4	4	4	4	4	4					
N of resistant isolates	3	0	0	0	0	0	0	0	0	0	3	4	0	0					
MIC	4																		
64											1								
>64	3																		
>1024											3	4							
<=0.015	4																		
<=0.03									4										
<=0.25				4									4	4					
<=0.5					4					4									
<=1	1						4	4											
<=4										4									
<=8																			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig

Sampling Stage: Retail	Sampling Type: food sample					Sampling Context: Monitoring - passive								
Sampler: Official sampling	Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	0	0	0	0	0	0	2	2	0	0
4	1													
8	1													
>64	2													
>1024	2													
<=0.015	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=4	2													
<=8	2													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig

Sampling Stage: Retail			Sampling Type: food sample					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	2	2	2	2	2	2	2	2	2	2	2	2	2	2
N of resistant isolates	2	0	0	0	0	0	0	0	0	0	2	2	0	0
MIC														
4	2													
>64	2													
>1024														
<=0.015	2													
<=0.03	2													
<=0.25	2													
<=0.5	2													
<=1	2													
<=4	2													
<=8	2													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig

Sampling Stage: Catering			Sampling Type: food sample				Sampling Context: Monitoring - passive							
Sampler: Official sampling			Sampling Strategy: Selective sampling				Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	0	1	0	0
MIC														
4	1													
32	1													
>64	1													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig

Sampling Stage: Catering			Sampling Type: food sample					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	8	1												
>64	1											1		
>1024											1			
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									



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

Sampling Stage: Farm			Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive						
Sampler: HACCP and own check			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
4	1													
>64	1											1		
>1024														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Pigs

Sampling Stage: Farm			Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	4	1												
>64	1											1		
>1024											1			
<=0.015						1								
<=0.03								1						
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Pigs

Sampling Stage: Farm		Sampling Type: animal sample - organ/tissue					Sampling Context: Monitoring - passive							
Sampler: HACCP and own check		Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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
N of resistant isolates	18	0	0	0	4	3	0	1	0	3	18	18	0	2
MIC														
0.12	2													
0.5	1													
4	17													
8	1													
16	1													
>32	2													
>64	18													
128	1													
>128	3													
>1024	2													
<=0.015	15													
<=0.03	18													
<=0.25	18													
<=0.5	18													
<=1	17													
<=4	18													
<=8	15													
<=16	14													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Pigs

Sampling Stage: Farm		Sampling Type: animal sample - faeces					Sampling Context: Monitoring - passive							
Sampler: HACCP and own check		Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON							
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
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	10	10	10	10	10	10	10	10	10	10	10	10	10	10
N of resistant isolates	8	1	0	0	1	1	0	1	0	1	8	8	0	1
MIC	0.25													
4	7													
8	1													
32	1													
>32	1													
>64	8	1	8											
128	1													
>128	1													
>1024	8													
<=0.015	9													
<=0.03	10													
<=0.25	10													
<=0.5	10													
<=1	2	10												
<=2	2													
<=4	9													
<=8	9													

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from bovine animals - carcase

Sampling Stage: Slaughterhouse			Sampling Type: food sample - carcase swabs					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC	8	1												
>64	1											1		
>1024											1			
<=0.015						1								
<=0.03									1					
<=0.25			1										1	1
<=0.5				1				1						
<=1							1							
<=4										1				
<=8					1									

Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from bovine animals - carcase

Sampling Stage: Retail			Sampling Type: food sample - carcase swabs					Sampling Context: Monitoring - passive						
Sampler: Official sampling			Sampling Strategy: Selective sampling					Programme Code: OTHER AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	0	0	0	0	0	1	1	0	0
MIC														
4	1													
>64	1											1		
>1024														
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=4	1													
<=8	1													

Table Antimicrobial susceptibility testing of Salmonella Umbilo in Gallus gallus (fowl) - laying hens - 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: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	1	0	0	0	1	0	0	0	0
MIC	0.12													
4	1													
32														
>128	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=8	1													

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

Sampling Stage: Slaughterhouse			Sampling Type: animal sample - caecum					Sampling Context: Monitoring - active						
Sampler: Official sampling			Sampling Strategy: Objective sampling					Programme Code: AMR MON						
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIC	4													
	32													
<=0.015	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=2	1													
<=4	1													
<=8	1													



Table Antimicrobial susceptibility testing of Salmonella Veneziana in Gallus gallus (fowl) - breeding flocks for egg production line

Sampling Stage: Farm	Sampling Type: environmental sample - boot swabs					Sampling Context: Monitoring								
Sampler: HACCP and own check	Sampling Strategy: Convenient sampling					Programme Code: OTHER AMR MON								
Analytical Method: Dilution - sensititre														
Country of Origin: Italy														
AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.5	2	16	0.064	2	2	0.125	16	256	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N of resistant isolates	1	0	0	0	0	1	0	0	0	1	1	1	0	0
MIC	0.12													
4	1													
64	1													
>64	1													
>128	1													
>1024	1													
<=0.03	1													
<=0.25	1													
<=0.5	1													
<=1	1													
<=8	1													

ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

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

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

Sampling Stage: Retail	Sampling Type: food sample - meat	Sampling Context: Monitoring
Sampler: Official sampling	Sampling Strategy: Objective sampling	Programme Code: AMR MON
Analytical Method: Dilution - sensititre		
Country of Origin: Italy		

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	170	170	170	170	170	170	170	170	170	170	170	170	170	170
N of resistant isolates	45	2	0	2	18	22	20	3	0	16	49	58	0	36
MIC														
0.03														
0.06														
0.12														
0.25														
0.5														
1														
2														
4														
8														
>8														
16														
>16														
32														
>32														
64														
>64														
128														
>128														
1024														
>1024														
<=0.015														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=2														
<=4														
<=8														

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - 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: Dilution - sensititre		
Country of Origin: Italy		

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	15	15	15	15	15	15	15	15	15	15	15	15	15	15
N of resistant isolates	15	0	15	13	9	11	0	3	0	8	14	14	0	14
MIC														
0.12														
0.25														
0.5														
1														
2														
4														
>4														
8														
>8														
16														
32														
>32														
64														
>64														
128														
>128														
>1024														
<=0.015														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=2														
<=4														
<=8														

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

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: AMR MON pnl2

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin										
Cefotaxime synergy test	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent	Positive/Present	Negative/Absent
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.125	0.25	0.25	0.25	0.25	8	8	0.5	0.5	0.5	0.5	0.06	0.06	0.5	0.5	0.125	0.125	32	32
Lowest limit	0.06	0.06	0.25	0.25	0.06	0.06	0.5	0.5	0.25	0.25	0.12	0.12	0.015	0.015	0.12	0.12	0.03	0.03	0.5	0.5
Highest limit	32	32	64	64	64	64	64	64	128	128	128	128	2	2	16	16	16	16	128	128
N of tested isolates	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
N of resistant isolates	6	6	6	6	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0
MIC	0.25	1																		
	0.5	1							1											
	1		1																	
	2	3					1	1	2											2
	4	1					2	2											3	1
	8		1	3					1											
	16		1																	
	<=0.015												3	3						
	<=0.03																3	3		
	<=0.06				3	3														
	<=0.12									3	3				3	3				
	<=0.25								2											

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

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: AMR MON

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	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	170	170	170	170	170	170	170	170	170	170	170	170	170	170
N of resistant isolates	104	4	6	3	53	61	8	27	0	33	108	137	0	103
MIC														
0.06						1								
0.12						10								
0.25						24								
0.5						5							1	7
1			1	1				13						
2	43			1		1		1						
4	10	97	2			4	7	2						
>4			3											
8		17		1		9	1	3		20				
>8						8								
16		3			2			2		2	18			
32		1			11			7		2	2			1
>32								13						102
64	1	2			5					2		40		
>64	103	1										97		
128					14					4				
>128					23					25				
>1024											108			
<=0.015						108								
<=0.03									170					
<=0.25			164										169	60
<=0.5				167				129						
<=1	13						162							
<=2		49										33		
<=4										115				
<=8					115						42			

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

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: ESBL MON

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	179	179	179	179	179	179	179	179	179	179	179	179	179	179
N of resistant isolates	179	6	179	155	68	147	7	38	0	41	171	175	0	162
MIC														
0.06						2			2					
0.12						12								
0.25						79								
0.5						23							6	4
1			5	37		2		13						
2			1	24		2	2							
4		87	10	48			6	1						
>4			163											
8		49		43		7	1	7		53				1
>8				3		22								
16		6			3			10		5	3			
32		3			8			16		3	4	3		
>32								4						161
64		3			4					3		68		
>64	179											104		
128					20					2				
>128					36					33				
>1024											171			
<=0.015						30								
<=0.03									177					
<=0.25													173	13
<=0.5			24				128							
<=1							170							
<=2		31										4		
<=4										80				
<=8					108						1			

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

Sampling Stage: Slaughterhouse

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Type: animal sample - caecum

Sampling Strategy: Objective sampling

Sampling Context: Monitoring - active

Programme Code: AMR MON

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	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	168	168	168	168	168	168	168	168	168	168	168	168	168	168
N of resistant isolates	107	3	1	0	55	25	1	7	0	11	106	121	0	98
MIC														
0.12						15								
0.25						8								
0.5			1			1							1	6
1							16							
2	34													
4	7	58					1					1		
8		3				1		2		2		1		
16		3			3						10			
32	1				24			1			2	5		
>32							4							98
64	4	2			10					3		47		
>64	102	1										69		
128					15					5				
>128					6					3				
256											1			
1024											1			
>1024											104			
<=0.015						143								
<=0.03									168					
<=0.25			167										167	64
<=0.5				168				145						
<=1	20						167							
<=2		101										45		
<=4										155				
<=8					110						50			



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

Sampling Stage: Slaughterhouse	Sampling Type: animal sample - caecum	Sampling Context: Monitoring - active
Sampler: Official sampling	Sampling Strategy: Objective sampling	Programme Code: ESBL MON
Analytical Method: Dilution - sensititre		
Country of Origin: Italy		

AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
ECOFF	8	16	0.25	0.5	16	0.064	2	2	0.125	16	64	8	1	2
Lowest limit	1	2	0.25	0.5	8	0.015	1	0.5	0.03	4	8	2	0.25	0.25
Highest limit	64	64	4	8	128	8	16	32	16	128	1024	64	8	32
N of tested isolates	214	214	214	214	214	214	214	214	214	214	214	214	214	214
N of resistant isolates	214	39	214	169	96	133	14	62	0	73	167	185	0	143
MIC														
0.03						2								
0.12						16								
0.25						61								
0.5			1			10								10
1			4	57		2		15						2
2			3	39		2	3							
4		92	23	37		2	12	3				3		
>4			183											
8		31		31		13	2	16		29		1		
>8				5		27								
16		14			4			14		6	17	1		
32		18			19			12			4	3		1
>32								17						142
64	2	8			6					5	1	60		
>64	212	13										121		
128					36					20	1			
>128					35					48				
512											1			
1024											1			
>1024											164			
<=0.015						79								
<=0.03									214					
<=0.25													214	59
<=0.5				45				137						
<=1							197							
<=2		38										25		
<=4										106				
<=8					114						25			

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

Sampling Stage: Retail

Sampler: Official sampling

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Type: food sample - meat

Sampling Strategy: Objective sampling

Sampling Context: Monitoring

Programme Code: AMR MON pnl2

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
Ceftazidime synergy test	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present	Positive/Present
ECOFF	0.125	0.25	0.25	8	0.5	0.5	0.06	0.5	0.125	32
Lowest limit	0.06	0.25	0.06	0.5	0.25	0.12	0.015	0.12	0.03	0.5
Highest limit	32	64	64	64	128	128	2	16	16	128
N of tested isolates	3	3	3	3	3	3	3	3	3	3
N of resistant isolates	3	3	0	0	3	0	0	0	0	0
MIC										
0.12			1							
0.25								1		
0.5						1				
1					1					
2	1			1						1
4	1			1	2					
8	1	1		1						2
32		2								
<=0.015							3			
<=0.03									3	
<=0.06			2							
<=0.12					2			2		

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

Sampling Stage: Retail	Sampling Type: food sample - meat									Sampling Context: Monitoring					
Sampler: Official sampling	Sampling Strategy: Objective sampling									Programme Code: AMR MON					
Analytical Method: Dilution - sensititre															
Country of Origin: Italy															
	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	170	170	170	170	170	170	170	170	170	170	170	170	170	170	
N of resistant isolates	67	6	3	5	27	23	10	7	0	14	66	67	0	49	
MIC	0.03														
	0.06														
	0.12														
	0.25														
	0.5													5	13
	1	3								14					6
	2	43					2								4
	4	25	80	1		1		5					1	1	
	>4	3													
	8	5	10				2	1	1	5		2			
	>8	1				1									
	16	5	6				1					2	31		
	>16					4									
	32	1	4				13	4		1	11	3			
	>32					2								48	
	64	4				1					3	3	25		
	>64	57	2								39				
	128					10					5	2			
	>128					3					5				
	>1024									64					
	<=0.015					145									
	<=0.03									168					
	<=0.25					167								165	98
	<=0.5					165				149					
	<=1	30									158				
	<=2	68											100		
	<=4									149					
	<=8					142								59	

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from pig - 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: Dilution - sensititre		
Country of Origin: Italy		

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	25	25	25	25	25	25	25	25	25	25	25	25	25	25
N of resistant isolates	25	0	25	21	6	10	0	5	0	7	18	16	0	16
MIC														
0.06														
0.12														
0.25														
0.5														
1														
2														
4														
>4														
8														
>8														
16														
>32														
64														
>64														
128														
>128														
1024														
>1024														
<=0.015														
<=0.03														
<=0.25														
<=0.5														
<=1														
<=2														
<=4														
<=8														



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

No data returned for this view. This might be because the applied filter excludes all data.







