ZOONOSES MONITORING

# Italy

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

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

## IN 2016

# 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 2016.

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

List of Contents


TEXTFORMS ... 3
1 DISEASE STATUS ... 3
1.1 TUBERCULOSIS, MYCOBACTERIAL DISEASES ... 3
1.1.1 Mycobacterium in animals ... 3
1.1.1.1 Mycobacterium in animal - All animals - animal sample - Involved Area is Animals ... 3
1.2 BRUCELLOSIS ... 4
1.2.1 General evaluation of the national situation ... 5
1.2.1.1 Brucella - general evaluation - Involved Area is Animals ... 5
1.2.2 Brucella in animals ... 5
1.2.2.1 Brucella in animal - All animals - animal sample - Involved Area is Animals ... 5
1.2.2.2 Brucella in animal - All animals - animal sample - Involved Area is Animals ... 5
1.2.2.3 Brucella in animal - All animals - animal sample - Involved Area is Animals ... 6
2 INFORMATION ON SPECIFIC ZOONOSES AND ZOONOTIC AGENTS ... 7
2.1 SALMONELLOSIS ... 7
2.1.1 General evaluation of the national situation ... 7
2.1.1.1 Salmonella - general evaluation - Involved Area is Feed ... 7
2.1.2 Salmonella in foodstuffs ... 7
2.1.2.1 Salmonella in food - All foodstuffs - food sample - Involved Area is Food ... 7
2.1.2.2 Salmonella in food - All foodstuffs - food sample - Involved Area is Food ... 8
2.1.3 Salmonella in animals ... 10
2.1.3.1 Salmonella in animal - All animals - animal sample - Involved Area is Animals ... 10
2.1.3.2 Salmonella in All animals - breeding flocks for egg production and flocks of laying hens ... 11
2.1.3.3 Salmonella in animal - All animals - animal sample - Involved Area is Animals ... 12
2.1.3.4 Salmonella in All animals - breeding flocks and meat production flocks ... 13
2.1.4 Salmonella in feedingstuffs ... 14
2.1.4.1 Salmonella in feed - All foodstuffs - feed sample - Involved Area is Feed ... 14
2.2 CAMPYLOBACTERIOSIS ... 14
2.2.1 General evaluation of the national situation ... 14
2.2.1.1 Campylobacter - general evaluation - Involved Area is Animals ... 14
2.2.2 Campylobacter in foodstuffs ... 15
2.2.2.1 Campylobacter in food - All foodstuffs - food sample - Involved Area is Food ... 15
2.2.3 Campylobacter in animals ... 16
2.2.3.1 Campylobacter in animal - All animals - animal sample - Involved Area is Animals ... 16
2.3 LISTERIOSIS ... 17
2.3.1 General evaluation of the national situation ... 17
2.3.1.1 Listeria - general evaluation - Involved Area is Animals ... 17
2.3.1.2 Listeria - general evaluation - Involved Area is Food ... 17
2.3.2 Listeria in foodstuffs ... 18
2.3.2.1 Listeria in food - All foodstuffs - food sample - Involved Area is Food ... 18
2.4 YERSINIOSIS ... 18
2.4.1 General evaluation of the national situation ... 18
2.4.1.1 Yersinia - general evaluation - Involved Area is Animals ... 18
2.4.2 Yersinia in foodstuffs ... 19
2.4.2.1 Yersinia in food - All foodstuffs - food sample - Involved Area is Food ... 19
2.5 TRICHINELLOSIS ... 21
2.5.1 General evaluation of the national situation ... 21
2.5.1.1 Trichinella - general evaluation - Involved Area is Animals ... 21
2.5.2 Trichinella in animals ... 21
2.5.2.1 Trichinella in animal - All animals - animal sample - Involved Area is Animals ... 21
2.6 ECHINOCOCCOSIS ... 22
2.6.1 General evaluation of the national situation ... 22
2.6.1.1 Echinococcus - general evaluation - Involved Area is Animals ... 22
2.7 RABIES ... 23
2.7.1 General evaluation of the national situation ... 23
2.7.1.1 Lyssavirus (rabies) - general evaluation - Involved Area is Animals ... 23
2.8 Q-FEVER ... 24
2.8.1 General evaluation of the national situation ... 24
2.8.1.1 Coxiella (Q-fever) - general evaluation - Involved Area is Animals ... 24
2.8.2 Coxiella (Q-fever) in animals ... 24
2.8.2.1 Coxiella (Q-fever) in animal - All animals - animal sample - Involved Area is Animals ... 24
2.9 TOXOPLASMA ... 25
2.9.1 General evaluation of the national situation ... 25
2.9.1.1 Toxoplasma - general evaluation - Involved Area is Animals ... 25
2.9.2 Toxoplasma in animals ... 26
2.9.2.1 Toxoplasma in animal - All animals - animal sample - Involved Area is Animals ... 26
2.9.2.2 Toxoplasma in animal - All animals - animal sample - Involved Area is Animals ... 28
2.10 VTEC ... 31
2.10.1 General evaluation of the national situation ... 31
2.10.1.1 Verotoxigenic E. coli (VTEC) - general evaluation - Involved Area is Animals ... 31
2.10.2 Escherichia coli in foodstuffs ... 31
2.10.2.1 Verotoxigenic E. coli (VTEC) in food - All foodstuffs - food sample - Involved Area is Food ... 31
3 ANTIMICROBIAL RESISTANCE INFORMATION ON SPECIFIC ZOONOSES AND ZOONOTIC AGENTS ... 33
3.1 CAMPYLOBACTERIOSIS ... 33
3.1.1 Campylobacter in animals ... 33
3.1.1.1 Antimicrobial resistance in C. jejuni All animals Involved Area is Animals ... 33
3.2 ESCHERICHIA COLI, NON-PATHOGENIC ... 33
3.2.1 Escherichia coli, non-pathogenic in foodstuffs ... 33
3.2.1.1 Antimicrobial resistance in E.coli, non-pathogenic, unspecified All foodstuffs Involved Area is Food ... 33
3.2.2 Escherichia coli, non-pathogenic in animals ... 34
3.2.2.1 Antimicrobial resistance in E.coli, non-pathogenic, unspecified All animals Involved Area is Animals ... 34
4 FOODBORNE OUTBREAKS ... 37
37
4.1 Outbreaks ... 37
4.1.1 Foodborne outbreaks ... 37
ANIMAL POPULATION TABLES ... 38
DISEASE STATUS TABLES FOR BRUCELLA ... 39
Bovine brucellosis - data on animals - Community co-financed eradication programmes ... 39
Bovine brucellosis - data on herds - Community co-financed eradication programmes ... 40
Bovine brucellosis - data on status of herds at the end of the period - Community co-financed eradication programmes ... 41
Bovine brucellosis in countries and regions that do not receive Community co-financing for eradication programme ... 42
Ovine or Caprine brucellosis - data on animals - Community co-financed eradication programmes ... 43
Ovine or Caprine brucellosis - data on herds - Community co-financed eradication programmes ... 44
Ovine or Caprine brucellosis - data on status of herds at the end of the period - Community co-financed eradication programmes ... 45
Ovine or Caprine brucellosis in countries and regions that do not receive Community co-financing for eradication programme ... 46
DISEASE STATUS TABLES FOR MYCOBACTERIUM ... 47
Bovine tuberculosis - data on animals - Community co-financed eradication programmes ... 47
Bovine tuberculosis - data on herds - Community co-financed eradication programmes ... 47
Bovine tuberculosis - data on status of herds at the end of the period - Community co-financed eradication programmes ... 47
Bovine tuberculosis in countries and regions that do not receive Community co-financing for eradication programme ... 48
PREVALENCE TABLES ... 49
BRUCELLA ... 49
animal ... 49
food ... 52
CAMPYLOBACTER ... 53
animal ... 53
food ... 57
COXIELLA ... 65

animal ... 65
ECHINOCOCCUS ... 68
animal ... 68
ESCHERICHIA COLI ... 76
animal ... 76
food ... 78
FLAVIVIRUS ... 91
animal ... 91
HISTAMINE ... 95
food ... 95
LISTERIA ... 101
animal ... 101
food ... 103
LYSSAVIRUS ... 154
animal ... 154
MYCOBACTERIUM ... 158
animal ... 158
SALMONELLA ... 159
animal ... 159
food ... 172
feed ... 205
STAPHYLOCOCCAL ENTEROTOXINS ... 212
food ... 212
STAPHYLOCOCCUS AUREUS METICILLIN RESISTANT (MRSA) ... 220
animal ... 220
food ... 224
TOXOPLASMA ... 235
animal ... 235
TRICHINELLA ... 239
animal ... 239
YERSINIA ... 240
animal ... 240
food ... 243
FOODBORNE OUTBREAKS TABLES ... 246
AMR TABLES FOR CAMPYLOBACTER ... 260
Campylobacter jejuni ... 260
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - AMR MON ... 260
N_A ... 260
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - AMR MON ... 261
N_A ... 261
AMR TABLES FOR SALMONELLA ... 262
Salmonella 4,12:-:1,2 ... 262
Meat from pig - carcase - Slaughterhouse - Monitoring - Official and industry sampling - OTHER AMR MON ... 262
N_A ... 262
Salmonella Agama ... 263
Turkeys - fattening flocks - Farm - Control and eradication programmes - Official sampling - AMR MON ... 263
N_A ... 263
Salmonella Agona ... 264
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 264
N_A ... 264
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 265
N_A ... 265
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 266
N_A ... 266
Salmonella Alachua ... 267
Turkeys - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 267
N_A ... 267
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 268
N_A ... 268
Salmonella Albany ... 269
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 269
N_A ... 269
Salmonella Altona ... 270
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 270
N_A ... 270
Salmonella Anatum ... 271
Meat from pig - carcase - Slaughterhouse - Monitoring - HACCP and own check - AMR MON ... 271
N_A ... 271
Salmonella Blockley ... 272
Gallus gallus (fowl) - broilers - Farm - Monitoring - passive - HACCP and own check - OTHER AMR MON ... 272
N_A ... 272
Gallus gallus (fowl) - breeding flocks, unspecified - Farm - Control and eradication programmes - HACCP and own check - OTHER AMR MON ... 273
N_A ... 273
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 274
N_A ... 274
Salmonella Bovismorbificans ... 275
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ... 275
N_A ... 275
Salmonella Braenderup ... 276
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 276
N_A ... 276
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 277
N_A ... 277
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 278
N_A ... 278
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 279
N_A ... 279
Salmonella Brandenburg ... 280
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ... 280
N_A ... 280
Meat from pig - carcase - Cutting plant - Monitoring - passive - HACCP and own check - OTHER AMR MON ... 281
N_A ... 281
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 282
N_A ... 282
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 283
N_A ... 283
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 284
N_A ... 284
Meat from bovine animals - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ... 285
N_A ... 285
Salmonella Bredeney ... 286
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - Official sampling - OTHER AMR MON ... 286
N_A ... 286
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ... 287
N_A ... 287
Turkeys - fattening flocks - Farm - Control and eradication programmes - Official sampling - AMR MON ... 288
N_A ... 288
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 289
N_A ... 289

Salmonella Cerro ... 290
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ... 290
N_A ... 290
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 291
N_A ... 291
Salmonella Chester ... 292
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 292
N_A ... 292
Salmonella Chomedey ... 293
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 293
N_A ... 293
Salmonella Coeln ... 294
Turkeys - fattening flocks - Farm - Control and eradication programmes - Official sampling - AMR MON ... 294
N_A ... 294
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 295
N_A ... 295
Salmonella Corvallis ... 296
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 296
N_A ... 296
Salmonella Cubana ... 297
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ... 297
N_A ... 297
Salmonella Dabou ... 298
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 298
N_A ... 298
Salmonella Derby ... 299
Meat from pig - carcase - Processing plant - Monitoring - HACCP and own check - OTHER AMR MON ... 299
N_A ... 299
Meat from pig - carcase - Processing plant - Monitoring - passive - Official sampling - OTHER AMR MON ... 300
N_A ... 300
Meat from pig - carcase - Slaughterhouse - Monitoring - HACCP and own check - AMR MON ... 301
N_A ... 301
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ... 302
N_A ... 302
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 303
N_A ... 303
Meat from pig - carcase - Slaughterhouse - Monitoring - HACCP and own check - AMR MON ... 304
N_A ... 304
Meat from pig - carcase - Cutting plant - Monitoring - passive - Official sampling - OTHER AMR MON ... 305
N_A ... 305
Cattle (bovine animals) - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 306
N_A ... 306
Turkeys - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 307
N_A ... 307
Turkeys - meat production flocks - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 308
N_A ... 308
Turkeys - breeding flocks, unspecified - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 309
N_A ... 309
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 310
N_A ... 310
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 311
N_A ... 311
Gallus gallus (fowl) - laying hens - Farm - Monitoring - passive - HACCP and own check - OTHER AMR MON ... 312
N_A ... 312
Salmonella enterica, subspecies enterica ... 313
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 313
N_A ... 313
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 314
N_A ... 314
Salmonella Enteritidis ... 315
Pigeons - Farm - Monitoring - passive - Official sampling - OTHER AMR MON ... 315
N_A ... 315
Gallus gallus (fowl) - breeding flocks for egg production line - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 316
N_A ... 316
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 317
N_A ... 317
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 318
N_A ... 318
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - HACCP and own check - OTHER AMR MON ... 319
N_A ... 319
Gallus gallus (fowl) - laying hens - Farm - Monitoring - passive - HACCP and own check - OTHER AMR MON ... 320
N_A ... 320
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 321
N_A ... 321
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 322
N_A ... 322
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 323
N_A ... 323
Salmonella Eschweiler ... 324
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 324
N_A ... 324
Salmonella Give ... 325
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ... 325
N_A ... 325
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 326
N_A ... 326
Salmonella Goldcoast ... 327
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON pnl2 ... 327
N_A ... 327
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 328
N_A ... 328
Salmonella Hadar ... 329
Gallus gallus (fowl) - breeding flocks for egg production line - Farm - Monitoring - HACCP and own check - OTHER AMR MON ... 329
N_A ... 329
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ... 330
N_A ... 330
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 331
N_A ... 331
Salmonella Haifa ... 332
Turkeys - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 332
N_A ... 332
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ... 333
N_A ... 333
Salmonella Havana ... 334
Gallus gallus (fowl) - breeding flocks, unspecified - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ... 334
N_A ... 334
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ... 335
N_A ... 335
Salmonella I, group O:1,3,19 ... 336

Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 336
N_A ..... 336
Salmonella Infantis ..... 337
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - Official sampling - OTHER AMR MON ..... 337
N_A ..... 337
Meat from pig - carcase - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 338
N_A ..... 338
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ..... 339
N_A ..... 339
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 340
N_A ..... 340
Gallus gallus (fowl) - breeding flocks for egg production line - Farm - Monitoring - HACCP and own check - OTHER AMR MON pnl2 ..... 341
N_A ..... 341
Gallus gallus (fowl) - breeding flocks for egg production line - Farm - Monitoring - HACCP and own check - OTHER AMR MON ..... 342
N_A ..... 342
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON pnl2 ..... 343
N_A ..... 343
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 344
N_A ..... 344
Gallus gallus (fowl) - broilers - Farm - Monitoring - passive - HACCP and own check - OTHER AMR MON pnl2 ..... 345
N_A ..... 345
Gallus gallus (fowl) - broilers - Farm - Monitoring - passive - HACCP and own check - OTHER AMR MON ..... 346
N_A ..... 346
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON pnl2 ..... 347
N_A ..... 347
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 348
N_A ..... 348
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 349
N_A ..... 349
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON pnl2 ..... 350
N_A ..... 350
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 351
N_A ..... 351
Meat from broilers (Gallus gallus) - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON pnl2 ..... 353
N_A ..... 353
Meat from broilers (Gallus gallus) - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 354
N_A ..... 354
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 355
N_A ..... 355
African wild dog - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 356
N_A ..... 356
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 357
N_A ..... 357
Gallus gallus (fowl) - laying hens - Farm - Monitoring - passive - HACCP and own check - OTHER AMR MON ..... 358
N_A ..... 358
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 359
N_A ..... 359
Gallus gallus (fowl) - laying hens - Farm - Monitoring - passive - HACCP and own check - OTHER AMR MON ..... 360
N_A ..... 360
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON pnl2 ..... 361
N_A ..... 361
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 362
N_A ..... 362
Salmonella Kasenyi ..... 364
Turkeys - meat production flocks - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 364
N_A ..... 364
Salmonella Kedougou ..... 365
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 365
N_A ..... 365
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 366
N_A ..... 366
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 367
N_A ..... 367
Salmonella Kentucky ..... 368
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 368
N_A ..... 368
Gallus gallus (fowl) - breeding flocks for egg production line - Farm - Monitoring - HACCP and own check - OTHER AMR MON ..... 369
N_A ..... 369
Turkeys - fattening flocks - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 370
N_A ..... 370
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 371
N_A ..... 371
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 372
N_A ..... 372
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 373
N_A ..... 373
Gallus gallus (fowl) - laying hens - Farm - Monitoring - passive - HACCP and own check - OTHER AMR MON ..... 374
N_A ..... 374
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 375
N_A ..... 375
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 376
N_A ..... 376
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 377
N_A ..... 377
Gallus gallus (fowl) - laying hens - Farm - Monitoring - passive - HACCP and own check - OTHER AMR MON ..... 378
N_A ..... 378
Salmonella Lexington ..... 379
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 379
N_A ..... 379
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 380
N_A ..... 380
Salmonella Livingstone ..... 381
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ..... 381
N_A ..... 381
Meat from pig - carcase - Cutting plant - Monitoring - passive - Official sampling - OTHER AMR MON ..... 382
N_A ..... 382
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 383
N_A ..... 383
Gallus gallus (fowl) - breeding flocks for egg production line - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 384
N_A ..... 384
Gallus gallus (fowl) - broilers - Farm - Surveillance - HACCP and own check - OTHER AMR MON ..... 385
N_A ..... 385
Gallus gallus (fowl) - breeding flocks, unspecified - Hatchery - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 386
N_A ..... 386
African wild dog - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 387
N_A ..... 387
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 388
N_A ..... 388
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 389

N_A ..... 389
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 390
N_A ..... 390
Salmonella Llandoff ..... 391
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 391
N_A ..... 391
Gallus gallus (fowl) - parent breeding flocks, unspecified - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 392
N_A ..... 392
Salmonella London ..... 393
Meat from pig - carcase - Slaughterhouse - Monitoring - HACCP and own check - AMR MON ..... 393
N_A ..... 393
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ..... 394
N_A ..... 394
Meat from pig - carcase - Slaughterhouse - Monitoring - HACCP and own check - AMR MON ..... 395
N_A ..... 395
Turkeys - fattening flocks - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 396
N_A ..... 396
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 397
N_A ..... 397
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 398
N_A ..... 398
Salmonella Mbandaka ..... 399
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 399
N_A ..... 399
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 400
N_A ..... 400
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 401
N_A ..... 401
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 402
N_A ..... 402
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 403
N_A ..... 403
Salmonella Mishmarhaemek ..... 404
Gallus gallus (fowl) - laying hens - Farm - Monitoring - passive - HACCP and own check - OTHER AMR MON ..... 404
N_A ..... 404
Salmonella Montevideo ..... 405
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 405
N_A ..... 405
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 406
N_A ..... 406
Salmonella Muenchen ..... 407
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 407
N_A ..... 407
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 408
N_A ..... 408
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 409
N_A ..... 409
Salmonella Napoli ..... 410
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 410
N_A ..... 410
Salmonella Newport ..... 411
Turkeys - fattening flocks - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 411
N_A ..... 411
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 412
N_A ..... 412
Salmonella Norton ..... 413
Gallus gallus (fowl) - breeding flocks for egg production line - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 413
N_A ..... 413
Salmonella Oranienburg ..... 414
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 414
N_A ..... 414
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 415
N_A ..... 415
Salmonella Poona ..... 416
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 416
N_A ..... 416
Salmonella Rissen ..... 417
Meat from pig - carcase - Slaughterhouse - Monitoring - HACCP and own check - AMR MON ..... 417
N_A ..... 417
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ..... 418
N_A ..... 418
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 419
N_A ..... 419
Meat from pig - carcase - Cutting plant - Monitoring - passive - Official sampling - OTHER AMR MON ..... 420
N_A ..... 420
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 421
N_A ..... 421
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 422
N_A ..... 422
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 423
N_A ..... 423
Salmonella Saintpaul ..... 424
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 424
N_A ..... 424
Salmonella Senftenberg ..... 425
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 425
N_A ..... 425
Turkeys - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 426
N_A ..... 426
Turkeys - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 427
N_A ..... 427
Turkeys - fattening flocks - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 428
N_A ..... 428
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 429
N_A ..... 429
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 430
N_A ..... 430
Salmonella Tennessee ..... 431
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 431
N_A ..... 431
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 432
N_A ..... 432
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 433
N_A ..... 433
Salmonella Thompson ..... 434
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - Official sampling - OTHER AMR MON ..... 434
N_A ..... 434
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 435
N_A ..... 435

Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 436
N_A ..... 436
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 437
N_A ..... 437
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 438
N_A ..... 438
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 439
N_A ..... 439
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 440
N_A ..... 440
Salmonella Tilburg ..... 441
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 441
N_A ..... 441
Salmonella Typhimurium ..... 442
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ..... 442
N_A ..... 442
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 443
N_A ..... 443
Gallus gallus (fowl) - broilers - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 444
N_A ..... 444
Turkeys - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 445
N_A ..... 445
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 446
N_A ..... 446
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 447
N_A ..... 447
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 448
N_A ..... 448
Gallus gallus (fowl) - parent breeding flocks, unspecified - Farm - Control and eradication programmes - Official sampling - OTHER AMR MON ..... 449
N_A ..... 449
Salmonella Typhimurium, monophasic ..... 450
Meat from pig - carcase - Processing plant - Monitoring - Official sampling - OTHER AMR MON ..... 450
N_A ..... 450
Meat from pig - carcase - Slaughterhouse - Monitoring - HACCP and own check - OTHER AMR MON ..... 451
N_A ..... 451
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ..... 452
N_A ..... 452
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 453
N_A ..... 453
Meat from pig - carcase - Slaughterhouse - Monitoring - Official and industry sampling - OTHER AMR MON ..... 454
N_A ..... 454
Meat from pig - carcase - Slaughterhouse - Monitoring - HACCP and own check - AMR MON ..... 455
N_A ..... 455
Meat from pig - carcase - Cutting plant - Monitoring - passive - Official sampling - OTHER AMR MON ..... 456
N_A ..... 456
Meat from pig - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 457
N_A ..... 457
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - OTHER AMR MON ..... 458
N_A ..... 458
Gallus gallus (fowl) - laying hens - Farm - Control and eradication programmes - Official sampling - AMR MON ..... 459
N_A ..... 459
Meat from bovine animals - carcase - Slaughterhouse - Monitoring - HACCP and own check - OTHER AMR MON ..... 460
N_A ..... 460
Salmonella Uganda ..... 461
Meat from pig - carcase - Slaughterhouse - Monitoring - Official sampling - AMR MON ..... 461
N_A ..... 461
Salmonella Veneziana ..... 462
Shellfish - Natural habitat - Surveillance - Official sampling - OTHER AMR MON ..... 462
N_A ..... 462
Salmonella Worthington ..... 463
Meat from pig - carcase - Slaughterhouse - Monitoring - HACCP and own check - OTHER AMR MON ..... 463
N_A ..... 463
AMR TABLES FOR ESCHERICHIA COLI ..... 464
Escherichia coli, non-pathogenic, unspecified ..... 464
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - Official sampling - ESBL MON pnl2 ..... 464
N_A ..... 464
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - Official sampling - ESBL MON ..... 466
N_A ..... 466
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - Official sampling - OTHER AMR MON pnl2 ..... 468
N_A ..... 468
Meat from broilers (Gallus gallus) - fresh - Retail - Monitoring - Official sampling - OTHER AMR MON ..... 469
N_A ..... 469
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - AMR MON pnl2 ..... 471
N_A ..... 471
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - AMR MON ..... 472
N_A ..... 472
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - ESBL MON pnl2 ..... 474
N_A ..... 474
Gallus gallus (fowl) - broilers - Slaughterhouse - Monitoring - Official sampling - ESBL MON ..... 476
N_A ..... 476
Meat from turkey - fresh - Retail - Monitoring - Official sampling - OTHER AMR MON ..... 478
N_A ..... 478
Meat from turkey - fresh - Retail - Monitoring - Official sampling - OTHER ESBL MON pnl2 ..... 480
N_A ..... 480
Meat from turkey - fresh - Retail - Monitoring - Official sampling - OTHER ESBL MON ..... 482
N_A ..... 482
Meat from turkey - fresh - Retail - Monitoring - Official sampling - OTHER ESBL MON pnl2 ..... 484
N_A ..... 484
Meat from turkey - fresh - Retail - Monitoring - Official sampling - OTHER ESBL MON ..... 485
N_A ..... 485
Meat from turkey - fresh - Retail - Monitoring - Official sampling - OTHER AMR MON pnl2 ..... 486
N_A ..... 486
Meat from turkey - fresh - Retail - Monitoring - Official sampling - OTHER AMR MON ..... 487
N_A ..... 487
Meat from turkey - fresh - Retail - Monitoring - Official sampling - OTHER ESBL MON pnl2 ..... 489
N_A ..... 489
Meat from turkey - fresh - Retail - Monitoring - Official sampling - OTHER ESBL MON ..... 491
N_A ..... 491
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - AMR MON pnl2 ..... 493
N_A ..... 493
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - AMR MON ..... 494
N_A ..... 494
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - ESBL MON pnl2 ..... 496
N_A ..... 496
Turkeys - fattening flocks - Slaughterhouse - Monitoring - Official sampling - ESBL MON ..... 498
N_A ..... 498
OTHER AMR TABLES ..... 500
ESBL ..... 501
LATEST TRANSMISSIONS ..... 503

# 1 DISEASE STATUS

## 1.1 TUBERCULOSIS, MYCOBACTERIAL DISEASES

### 1.1.1 Mycobacterium in animals

#### 1.1.1.1 Mycobacterium in animal - All animals - animal sample - 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) Liguria and Piemonte regions (EU2016/168) 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: limph nodes and/or organs from TB lesions at abbatoir. 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 limph nodes coming from the active surveillance carried out in the slaughterhouses.

Diagnostic/analytical methods used

Isolation and bacteriological identification is performed by standard methods according to the chapter 2.4.6 of the OIE manual of Diagnostic tests and Vaccines for Terrestrial Animals 2016. Molecular identification and subtyping of Mycobacterium bovis is performed by in-house standardized methods (Boniotti 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 (Municipality□s 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 0,30%, while the prevalence registered in NOTF regions is 0,60% with an incidence of 0,47%. Overall there is a general tendency to reduce infection throughout the country. In Sicily the situation has improved, in fact in 2016 the prevalence was reduced to 2,7%.

## 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). In Calabria region was reported a case in human: Quirino, A., C. Torti, A. Strazzulla, S. Nisticò, L. Galati, G. S. Barreca, A. G. Lamberti, G. Berardelli, M. Pacciarini, G. Gasparini, V. Pisani, A. Gambarella, M. C. Liberto, and A. Focà. 2015. Case Report in Infectious Diseases 2015, Article ID 794715, 4 pages: http/dx. doi.org/10.1155/2015/794715

## Additional information

References M. Beatrice Boniotti, Maria Goria, Daniela Loda, Annalisa Garrone, Alessandro Benedetto, Alessandra Mondo, Ernesto Tisato, Mariagrazia Zanoni, 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 zoonosico 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. Quirino, A., C. Torti, A. Strazzulla, S. Nisticò, L. Galati, G. S. Barreca, A. G. Lamberti, G. Berardelli, M. Pacciarini, G. Gasparini, V. Pisani, A. Gambarella, M. C. Liberto, and A. Focà. 2015. Case Report in Infectious Diseases 2015, Article ID 794715, 4 pages: http/dx. doi.org/10.1155/2015/794715.

# 1.2 BRUCELLOSIS

## 1.2.1 General evaluation of the national situation

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

History of the disease and/or infection in the country

In animals, brucellosis can cause great economic loss due to abortion, premature birth, reduced fertility, and decline in milk production. Humans are mainly infected by ingestion of unpasteurized milk and milk products, through the conjunctiva or wounds that come into contact with infected tissues (abortion, placenta, etc.), by inhaled by aerosols from infected tissues or in slaughterhouses, or, finally, for accidental inoculation of vaccine; inter-human infections are very rare. In Italy, the human cases of brucellosis are not notified by the informative system SINZOO given that brucellosis is considered more a contact disease rather than a food borne disease; however, nowadays, transmission to humans through contaminated foods is increasing with respect to infection due to contact with animals. Regarding the distribution of human brucellosis, it still remains one of the major zoonoses in the regions of Southern Italy, where disease persists on herds and flocks. In Italy all cattle, sheep and goats are sistematically tested by serological test in the regions not officially free from the disease: the prevalence recorded in 2016 (herds/flocks positive on tested) has been 1.59% for cattle, 3.06% for buffaloes, 1.21% for sheep and goats; the incidence recorded in 2016 (new herds/flocks positive on tested) has been 1.29% for cattle, 2.55% for buffaloes and 0.84% for sheep and goats.

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

The genus Brucella currently recognises six ☐classical☐ species, Brucella melitensis (sheep and goats), B. abortus (cattle), B. suis (swine), B. canis (dog), B. neotomae (desert rat), B. ovis (sheep), In addition to these a number of more recently designated species have been identified: B. pinnipedialis and B. ceti (marine mammals), B. microti (voles), B. inopinata (from a human infection), B. papionis (baboons), and B. vulpis (foxes). Historically, classification of species of the genus Brucella has been based on a combination of host species preference and phenotypic biotyping, which examines a range of characteristics including CO2 requirement, H2S production, dye-sensitivity, lysis by Brucella-specific bacteriophage and agglutination with monospecific sera. The main route of Brucellosis transmission is through the mucous membranes, where the bacteria penetrate into the host epithelial tissue (conjunctival, oral, pharyngeal, intestinal, respiratory, and vaginal mucous membranes). In animals, brucellosis can cause great economic loss due to abortion, premature birth, reduced fertility, and decline in milk production. Humans are mainly infected by ingestion of unpasteurized milk and milk products, through the conjunctiva or wounds that come into contact with infected tissues (abortion, placenta, etc.), by inhaled by aerosols from infected tissues or in slaughterhouses, or, finally, for accidental inoculation of vaccine; inter-human infections are very rare. In Italy, the human cases of brucellosis are not notified by the informative system SINZOO given that brucellosis is considered more a contact disease rather than a food borne disease; however, nowadays, transmission to humans through contaminated foods is increasing with respect to infection due to contact with animals. Regarding the distribution of human brucellosis, it still remains one of the major zoonoses in the regions of Southern Italy, where disease persists on herds and flocks. In Italy all cattle, sheep and goats are sistematically tested by serological test in the regions not officially free from the disease: the prevalence recorded in 2016 (herds/flocks positive on tested) has been 1.59% for cattle, 3.06% for buffaloes, 1.21% for sheep and goats; the incidence recorded in 2016 (new herds/flocks positive on tested) has been 1.29% for cattle, 2.55% for buffaloes and 0.84% for sheep and goats. In year 2015, the Ordinanza Ministeriale (OM) 28.05.2015 ☐Misure straordinarie di polizia veterinaria in materia di tubercolosi, brucellosi bovina e bufalina, brucellosi ovi-caprina, leucosi bovina enzootica.☐ ☐ G.U. n. 144 del 24/06/2015 entered in force to enhance eradication of brucellosis for the italian provinces still not officially free from brucellosis (NOBF). On the basis of this act, all cattle, buffaloes, sheep and goats have to be tested by serological tests, the positive animals are slaughtered with the objective to reduce the prevalence of 10% each year. The brucellosis has also been detected in wild animals, like wild boars or deer or fox, in Piemonte, Valle D☐Aosta, Abruzzo, Emilia Romagna, Lazio and Sardegna. 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. The control in food is sporadic and the presence of infected food derived from milk is notified from Sicily in occasion of officially controls.

## 1.2.2 Brucella in animals

### 1.2.2.1 Brucella in animal - All animals - animal sample - Involved Area is Animals

Control program/mechanisms

The control program/strategies in place

In year 2015, the Ordinanza Ministeriale (OM) 28.05.2015 ☐Misure straordinarie di polizia veterinaria in materia di tubercolosi, brucellosi bovina e bufalina, brucellosi ovi-caprina, leucosi bovina enzootica.☐ ☐ G.U. n. 144 del 24/06/2015 entered in force to enhance eradication of brucellosis for the italian provinces still not officially free from brucellosis (NOBF).

### 1.2.2.2 Brucella in animal - All animals - animal sample - Involved Area is Animals

Monitoring system

Diagnostic/analytical methods used

Animals at farm

The test used in Italy are: RBT as screening test, CFT confirmatory test and iELISA on milk samples in the regions OFB.

### 1.2.2.3 Brucella in animal - All animals - animal sample - Involved Area is Animals

Control program/mechanisms

The control program/strategies in place

In year 2015, the Ordinanza Ministeriale (OM) 28.05.2015 ☐Misure straordinarie di polizia veterinaria in materia di tubercolosi, brucellosi bovina e bufalina, brucellosi ovi-caprina, leucosi bovina enzootica.☐ ☐ G.U. n. 144 del 24/06/2015 entered in force to enhance eradication of brucellosis for the italian provinces still not officially free from brucellosis (NOBF).

# 2 INFORMATION ON SPECIFIC ZOONOSES AND ZOONOTIC AGENTS

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

## 2.1 SALMONELLOSIS

### 2.1.1 General evaluation of the national situation

#### 2.1.1.1 Salmonella - general evaluation - Involved Area is Feed

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

In 2016 3221 feed samples were submitted to Salmonella analysis: 1146 were collected by FBO for own checks, 49 were collected in the framework of research projects and the remaining part by CA for official controls. 2341 samples were collected at feed mill level while the others were collected at farm and retail level. Different type of matrices were collected including feed material of plant and animal origin, compound feedingstuff s and water. Out of the 3221 samples submitted to analysis 95 resulted to be positive for Salmonella spp. S.Livingstone resulted to be the serva isolated with the higher frequency (26), most from feed material of animal origin. As regards the other serovars they were isolated with a frequency below 5 and were: S. Agona, S. Anatum, S. Apeyeme, S. Bredeney, S. Cerro, S. Derby, S. Dublin, S. Give, S. Infantis, S. Isangi, S. Kentucky, S. Livingstone, S. Llandoff, S. London, . S. Mbandaka, S. Muenchen, S.Mienster, S. Orion, S. Rissen, S. Senftenberg, S. Typhimurium, S. Typhimurium variante monofasica, S. Veneziana, S. Worthington.

### 2.1.2 Salmonella in foodstuffs

#### 2.1.2.1 Salmonella in food - All foodstuffs - food sample - Involved Area is Food

Monitoring system

Sampling strategy

Food samples are generally sampled according to Reg. N° 2073/2005, at least for the food matrices included in this piece of legislation. Sampling strategy, frequency, type of samples and analytical methods are defined according to the specific objectives and are not harmonized at national level.

Diagnostic/analytical methods used

At the production plant

Samples were tested by using molecular methods (PCR), microbiological method (ISO 6579) or combining both these methods.

At retail

Samples were tested by using molecular methods (PCR), microbiological method (ISO 6579) or combining both these methods.

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

In case of non-compliance, the non-compliant batch is recalled or withdrawn. These measures are managed by the Competent Authority in collaboration with the food business operator.

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

In 2016 a total of 45857 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 (33123) and as own check controls (11021). 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, restaurant 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. 656 samples resulted to be positive and the most frequent Salmonella serovars were S.Infantis, S.Derby, Brandenburg and S.Typhimurium monophasic variant.

## 2.1.2.2 Salmonella in food - All foodstuffs - food sample - Involved Area is Food

### Monitoring system

#### Sampling strategy

At national level there is not a harmonized strategy for the monitoring of eggs and egg products. 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.

#### Sampling strategy

##### At slaughterhouse and cutting plant

At national level there is not a harmonized strategy for the monitoring of meat and products thereof. 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.

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

##### At slaughterhouse and cutting plant

Sampling is generally carried out according to Regulation 2073/2005

##### At meat processing plant

Sampling is generally carried out according to Regulation 2073/2005

##### At retail

Sampling is generally carried out according to Regulation 2073/2005

##### Raw material for egg products (at production plant)

Sampling is generally carried out according to Regulation 2073/2005.

##### Egg products (at production plant and at retail)

Samples are generally collected as single sampling unit.

## Definition of positive finding

Eggs at egg packing centres (foodstuff based approach)

A sample is considered as positive when Salmonella spp. is detected whatever serovar is idenfied.

Eggs at retail

A sample is considered as positive when Salmonella spp. is detected whatever serovar is idenfied.

## Diagnostic/analytical methods used

Raw material for egg products (at production plant)

A sample is considered as positive when Salmonella spp. is detected whatever serovar is idenfied.

At slaughterhouse and cutting plant

Samples were tested by using molecular methods (PCR), microbiological method (ISO 6579) or combining both these methods.

Egg products (at production plant and at retail)

A sample is considered as positive when Salmonella spp. is detected whatever serovar is idenfied.

At meat processing plant

Samples were tested by using molecular methods (PCR), microbiological method (ISO 6579) or combining both these methods.

Eggs at egg packing centres (foodstuff based approach)

Samples were tested by using molecular methods (PCR), microbiological method (ISO 6579) or combining both these methods.

At retail

Samples were tested by using molecular methods (PCR), microbiological method (ISO 6579) or combining both these methods.

Eggs at retail

Samples were tested by using molecular methods (PCR), microbiological method (ISO 6579) or combining both these methods.

Raw material for egg products (at production plant)

Samples were tested by using molecular methods (PCR), microbiological method (ISO 6579) or combining both these methods.

Egg products (at production plant and at retail)

Samples were tested by using molecular methods (PCR), microbiological method (ISO 6579) or combining both these methods.

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

In 2016, 21245 samples of meat and products were sampled, 14326 by Competent Authority, 6507 by FBO and 96 for research purposes. Most of the samples were collected at industry level (13132), retail level (5635) and at the slaughterhouse (948). More frequently samples of pig (5670) and bovine (4086) meat and less frequently samples of poultry meat (1712) were collected; samples of different origin such as small ruminants, horses were sampled as well but with very low frequency. For quite a lot of samples no indications were provided about the species (9058). 489 samples resulted to be positive to Salmonella spp. the most frequent serovars were S. Infantis, S. Derby, S. Typhimurium monophasic variant and S. Brandenburg.

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

In 2016, 871 samples of eggs and egg products were submitted to analysis. 700 samples were collected by the Competent Authority for official controls, 131 samples were collected by FBO for own checks and 35 samples were collected for research purposes. In most cases sampling was performed at industry level (374)and retail level (294). A total of 6 samples were positive for Salmonella spp. and four out of six resulted to be positive to S.Enteritidis.

## 2.1.3 Salmonella in animals

### 2.1.3.1 Salmonella in animal - All animals - animal sample - 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. 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 i s 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 (Salmonella Enteritidis, Typhimurium and its monophasica variant), 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 performed in the framework of the national control plan and all relevant information must be recorded in the dedicated informative system (SISalm)

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

In 2016, 448 broiler flocks were submitted to official sampling and 20257 were sampled by FBO. Only one out of all the tested flocks resulted to be positive to Salmonella serovars with public health significance (Salmonella Typhimurium) .

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

In 2016, 843 samples were submitted to analysis for Salmonella detection; most of them were collected at farm level. 222 were sampled in the framework of research projects, 280 because of clinical investigations and the remaining were collected by the Competent Authority for official controls. 56 samples resulted to be positive for Salmonella spp. Among the identified serovars the monophasic variant of S.Typhimurium was the most frequent.

### 2.1.3.2 Salmonella in All animals - breeding flocks for egg production and flocks of laying hens

Monitoring system

Sampling strategy

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 200/2010 as regards brreeding flocks and Regulation 517/2011 as regards laying hens).

Case definition

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 2016, 897 breeding flocks were submitted to official sampling and 297 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) . As regards laying hens, in 2016, 1172 flocks were submitted to official sampling and 1895 were sampled by FBO. 25 out of all 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 animal - All animals - animal sample - 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 breeding flocks of Gallus gallus in Italy is performed 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 200/2010.

Case definition

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 (Salmonella Enteritidis/Typhimurium including the monophasic variant) was found in the preceding productive cycle.

### 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 including 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 used 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 (SISalm)

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

In 2016, 897 breeding flocks were submitted to official sampling and 297 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) .

## 2.1.3.4 Salmonella in All animals - 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.

Meat production flocks

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 - All foodstuffs - feed sample - Involved Area is Feed

Monitoring system

Sampling strategy

In Italy a national control plan for feed, which is called PNAA (Piano Nazionale Alimentazione Animale) is applied. According to PNAA 2015-2017 both feed materials and feed compounds must be sampled by Competent Authority and analysed by Public Health laboratories (belonging to the net of Istituti Zooprofilattici Sperimentali) for Salmonella spp. detection. The PNAA Salmonella chapter is structured in three main areas: monitoring, surveillance and control of pet-food. As far as the monitoring is concerned its main purpose is to collect data on Salmonella spp. occurrence in the most used feed materials and feed compounds for poultry, cattle, pigs, goats, sheep, fishes and rabbits, so that to contribute in the data collection based on Directive 2003/99/EC. The total number of feed samples to be collected for monitoring each year at national level is equal to 1000 to be further stratified at regional level; local Competent Authorities define how to stratify samples in terms of type of feed material/compound and sampling place according to the local situation. As regards the surveillance, this is based on risk assessment and basically it is aimed at controlling feed for those animal species which are identified by Regulation EC 2160/2003 as more relevant for human salmonellosis. Additionally, since in the past soybeans resulted to be more frequently contaminated with Salmonella compared to other feed materials in Italy, the surveillance plan is focused on this type of matrix. Briefly, according to the surveillance plan at national level each year the following samples must be collected for Salmonella spp. detection by Competent Authority: 300 samples of soybeans, 100 samples of feed compounds for pigs and 100 samples of feed compounds for poultry (to be further stratified according to local situation). As far as pet-food is concerned this is aimed at avoiding the salmonella infection in pets as possible source of transmission to humans. In total 112 samples of pet-food must be collected each year, further stratified at regional level. Whenever Salmonella spp. is detected stereotyping must be performed in order to identify the serovar and sanitary measures must be taken which are different according to the type of matrix and sampling place. In case of feed materials, if one of the following serovar: S. Enterotidis/Typhimurium (included the monophasic variant), Vircow, Infantis and Hadar (which are considered relevant for public health according to Regulation EC 2160/2003), is detected, the material must be submitted to heat treatment (at least 71°C for 30 minutes) to guarantee the decontamination; feed material may be used only after a control providing evidence for a negative result. If another type of serovar is detected feed must be submitted to a treatment aimed to reduce the risk, such as heat treatment, organic acid treatment or heat treatment plus organic acid; in this case it is not necessary to proceed with further control. In case of feed compounds, independently by the serovar, a heat treatment must be performed (at least 71°C for 30 minutes). Both for feed materials and feed compounds, if it is not possible to proceed with any treatment, the contaminated feed must be destroyed or anyhow not used for animals. In all cases of Salmonella spp. detection an epidemiological investigation must be carried out so that to identify the source of contamination.

# 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

In April 2015-April 2016 a national monitoring plan for the assessment of Campylobacter spp. contamination in broilers at slaughterhouse in Italy were carried out. No monitoring plan has been made to study the prevalence of infection in other animals.

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

In 2016 the overall prevalence of Campylobcter spp, in animals was 5,05% (120/1378) and most the samples from clinical diagnosis. Prevalent Campylobacter species were: C.jejuni (87,2%) , di C.coli (25,4%) and C.fetus (5,4% ). Most contaminated were cattle (22.6%), sheep and goats (19.9%) and pets (9,7%).1.

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

In Italy are no official data on the incidence of Campylobacter in human, and not always is clear a sources of infection .

### 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 prevalence in animals (other than chicken).

### Additional information

In national monitoring plan (April 2015-April 2916), the prevalence and level of Campylobacter spp. contamination in the carcasses, were determined on broiler chickens reared in Italy. The survey was conducted from May 2015 to May 2016 in Italian regions, where the 426 pool of caeca (pool of 5 animals) and 2015 carcasses of 403 slaughter batches were sampled. Campylobacter strains were recovered from caeca and from carcass samples: 74.1% of caeca and 69.2% of carcasses. The contamination levels found in the carcasses were between 2,949 log(UFC) in carcasses and 6,8 Log(UFC) in caeca. C. jejuni (63.86%) and C. coli (36.07%) were the most isolated species.

## 2.2.2 Campylobacter in foodstuffs

### 2.2.2.1 Campylobacter in food - All foodstuffs - food sample - 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 and milk products.

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

Unspecified

#### Diagnostic/analytical methods used

ISO 10272 part 1 and 2:2006; Real time PCR

### Preventive measures in place

There aren't preventive measures in place

### Control program/mechanisms

### The control program/strategies in place

There aren't control program/strategies in place

### Recent actions taken to control the zoonoses

There aren't recent action taken to control the zoonosis

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

unspecified

## Notification system in place

According to art.5 low 283/62

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

In 2016 a total of 2475 samples of food intended for human consumption were tested for Campylobacter spp.. Most part of the samples (96.4%) were collected during official control activities . As regard the point of sampling at retail were collected at retail level and industry level. A wide range of samples were collected and the prevalence of Campylobacter contamination was 2.9% (72/2475). The most contaminate food were meat and meat product (8.5%), milk and milk products (1,2%) and others (fish and fish products, vegetables, mixed food) with less frequency.

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

Italian reporting system on human infectious diseases does not distinguish gastroenteritidis causated by Campylobacter from other infectious diseases listed in national legislation. For this motive in Italy are no official data on the incidence of Campylobater infection in human and to evaluate l□incidence of foodstuffs as a sources of human infections.

## Additional information

In Italy monitoring plan on contamination by Campylobacter in broiler and bovine meat sampled at retail were conducted during the period June 2015□June 2016. A total of 1243 poultry meat samples (665 chicken breast and 578 thighs) and 1203 bovine meat (hamburger and knife-cut meat preparations) were collected at retail, in randomly selected supermarket located in 8 different Italian regions (Nordh, Center, South of Italy). In poultry 216 samples were contaminated by Campylobacter spp. ( 17,37%), in bovine (0,58%).

# 2.2.3 Campylobacter in animals

### 2.2.3.1 Campylobacter in animal - All animals - animal sample - Involved Area is Animals

## Monitoring system

### Sampling strategy

Unspecified

### Frequency of the sampling

Unspecified

Type of specimen taken

In Italy monitoring/control plan in animals are not implemented at national level.

Methods of sampling (description of sampling techniques)

Unspecified

Diagnostic/analytical methods used

microbiological methods,usually isolation of Campylobacter in animal samples is carried out by OIE methods.

Vaccination policy

Not applied

Other preventive measures than vaccination in place

Not applied

Control program/mechanisms

The control program/strategies in place

There aren't control program/strategies in place

Recent actions taken to control the zoonoses

There aren't recent action taken to control the zoonoses

Notification system in place

Notification system not in place

## 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 2016, the overall prevalence of Listeria spp. was 0,03% (16/552) in animals: 4 goats, 4 bovines , 7 sheeps, 1 horse were found positive. The sheep positive from 1 farm indicate a possible clinical outbreak of listeriosis. Most of the positive samples were from animal for clinical analysis In 1 bovine and one goat L. ivanovii was isolated and in one goat L. seeligeri. The samples were from diagnosis (84,06%%) and 15,40% from research projects, only 3 samples from official controls. Bovines represent the first group of animal sampled (29,89%), sheep (29,53%) goats (20,83%) and horses (3,26%), the first four species involved gave the 83,51 % of the samples analyzed during 2016.

#### 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 1.87% in foods (607/32523) in foods. According to the contest, 0.14% (18/12426) of the samples collected for own check activities, 2.83% (551/19439) collected during official control activities, 10,38% (33/318) collected during research projects, 2,75 (5/182) collected during import controls were contaminated by Listeria monocytogenes. No positive samples were found for export controls (0/158). According to the sample type 633 were environmental samples with 86 positive samples (13,59%) and 31770 food samples with 521 positive samples (1.64%). The most consistent sampling activity on foodstuffs was performed in processing plants (14596) with 334 (2.29%) positive samples for Listeria monocytogenes and in retail stores (3980) with 157 (3,94%) positive samples.

Additional information

According to a generic classification of the food categories reported in the system, RTE products represented 37.25% of tested food (12025/32282) and 16.64% of positive samples (101/607). In particular RTE products contaminated were mostly represented by the following groups of food: meat products (positive samples: 59/1798 = 3.28%), milk and milk products including cheese (positive samples: 38/9367= 0.41%), and vegetables, fruits and different kind of vegetable foods (positive samples: 3/652 = 0.46%.

### 2.3.2 Listeria in foodstuffs

#### 2.3.2.1 Listeria in food - All foodstuffs - food sample - Involved Area is Food

Monitoring system

Sampling strategy

In 2016 the number of samples of food taken for detection or enumeration of Listeria monocytogenes were 32282 , taken from foods in the framework of official control activities (59.52%), own-checks (38,46%), Research projects (0,99%), control for import (0,56%) and control for export (0,47%) on Listeria monocytogenes. In 2016 a reduction of the number of samples tested for Listeria monocytogenes was recorded (32282 in 2016 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

In Italy incidence of YE is not know and rarely result involved in foodborne trasmission and officiasl data on human case are not available. No monitoring place has been made to study prevalence of infection in animals /food.

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

In 2016 , 2202 animal samples were submitted to Yersinia analysis : 295 samples (13,39%) were positive to Yersinia spp. 172 samples (7,81%) resulted positive to Y.enterocolitica and serovars isolated were: serotype O3,O5,O8,O9. 1 samples (sheep) were positive to Y.pseudotuberculosis. 1810 samples (82,2%) were collected during ufficial control /clinical investigation. A wide range of animals were collected, but must of them were wild animals (90,1%) with 3.92% positive samples. In farm pigs were were contaminated for YE (68/110;68.81%)

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 are not action take in Italy for the control of this zoonosis

Suggestions to the European Union for the actions to be taken

Coordinate minitoring plan in animals/food

## 2.4.2 Yersinia in foodstuffs

### 2.4.2.1 Yersinia in food - All foodstuffs - food sample - Involved Area is Food

Monitoring system

Sampling strategy

Unspecified

Frequency of the sampling

At the production plant

Unspecified

At retail

Unspecified

Type of specimen taken

At the production plant

Vegetables

At retail

meat and meat products, milk and milk products, fish and fosh products, sausicces

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

At the production plant

Unreported

### Diagnostic/analytical methods used

At the production plant

Microbiological tests, ISO 10273:2003

At retail

microbiological tests, ISO 10273:2003

## Preventive measures in place

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

## Control program/mechanisms

### The control program/strategies in place

There aren't control program in place in Italy

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

The diffusion of the infection,the distribution of serotypes and the importance of trasmission between animal and man need to be more fully understood. Coordinated monitoring plan are necessary specially in pig.

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

Unspecified

## Notification system in place

Notification system is not in place

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

In 2016 479 samples of food intended for human consuption were tested for Yersinia enterocolitica and 2.50% of samples were positive. The most part of the samples were collected at retail and in industry in official control (94.1%) and others in HACCP or specific projects . As far as the type of the food,a wide range of samples were collected: milk an milk products, meat and meat products, fish and fish products and vegetables. Serovars of Y.enterocolitica isolated are not reported.

## 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 2016, 1,513 Trichinella infections in humans have been documented in Italy. Of them, 182 cases (10 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, 38 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. T. spiralis was detected in two foxes of northern Italy in 1991 and 2016.

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

Today in Italy, Trichinella britovi is circulating in wild carnivores (foxes, wolves and mustelids) with a prevalence lower than 0.5%. In the wild boar population, the prevalence is lower than 0.01%. In general, wild Trichinella-positive animals have been detected only in mountain areas above 500 m asl. Among Trichinella-susceptible livestock of Italy, this parasite has been detected only in free-ranging or backyard Italian pigs, i.e. animals in contact with the sylvatic cycle. Never, Trichinella infection has been detected in pigs or other susceptible animal reared under controlled housing conditions, never these animals were the source of infection for humans. Since T. britiovi is less infective for swine, rats and humans than T. spiralis, the risk for Italian pigs to acquire this infection is quite low. From 2010 onwards, T. pseudospiralis has been detected in hunted wild boar of the Emilia Romagna and Tuscany region, in six farmed wild boars of the Friuli V.G. region and in a fox of Tuscany. In 1991 and 2016, T. spiralis was detected in two foxes of northern Italy. The detection of T. spiralis in Italy could represent a risk for domestic pigs and wild animals, and consequently for humans.

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

In the last decade, the source of human trichinellosis in Italy was prevalently raw sausages made by meat from uncontrolled hunted wild boar (100 cases; 94,3%) and in few cases (6; 5,7%) raw sausages made with pork from a free-ranging pig

Recent actions taken to control the zoonoses

According to the COMMISSION IMPLEMENTING REGULATION (EU) 2015/1375 of 10 August 2015, laying down specific rules on official controls for Trichinella in meat

Suggestions to the European Union for the actions to be taken

It is suggested to switch Trichinella control from pigs reared under controlled conditions only to free-ranging and backyard pigs even if these animals do not reach the market but are consumed by the owners and their relatives and friends. At the same time, all hunted Trichinella-susceptible animals for human consumption should be tested even if these animals do not reach the market but are consumed by the hunters and their relatives and friends. The EU should spend more efforts to the education of hunters, consumers and farmers on the risk of trichinellosis.

## 2.5.2 Trichinella in animals

### 2.5.2.1 Trichinella in animal - All animals - animal sample - Involved Area is Animals

Number of officially recognised Trichinella-free holdings

In 2016, there was an increase of 16.75% of officially recognised Trichinella-free holdings which increased from 1851 up to 2161.

Officially recognised regions with negligible Trichinella risk

Not applicable

Monitoring system

Sampling strategy

For Trichinella free holdings

According to COMMISSION IMPLEMENTING REGULATION (EU) 2015/1375 of 10 August 2015, laying down specific rules on official controls for Trichinella in meat

For categories of holdings officially recognised Trichinella-free

According to COMMISSION IMPLEMENTING REGULATION (EU) 2015/1375 of 10 August 2015, laying down specific rules on official controls for Trichinella in meat

For regions with negligible Trichinella risk

Not applicable

Frequency of the sampling

General

According to COMMISSION IMPLEMENTING REGULATION (EU) 2015/1375 of 10 August 2015, laying down specific rules on official controls for Trichinella in meat. Data analysis of the number of officially hunted (N. 168,889) / Trichinella tested (n. 139,209) wild boar in the Italian regions in 2016, shows a gap of 29,680 hunted wild boar intended for human consumption, which were not tested by the veterinary services for Trichinella according to the Commission Regulation 2015/1375. This large amount of not tested animals is only the tip of the iceberg; indeed, we have to add thousands of wild boar hunted by poachers. These animals represent a high risk for the human health as demonstrated by the yearly occurrence of human outbreaks.

## 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 isn□t 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 Echinococcosus-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 2016, four regions and a autonomous province (Emilia Romagna, Sicilia, Valle d□Aosta, Veneto and Trento province) out of twenty regions didn□t report on CE. 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 very low 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. However some regions, like Liguria and Basilicata, this year transmitted prevalence data about zootechnical categories. Moreover it was also detected inconsistencies between the data in the SINZOO report on slaughtered and the national report of the slaughtering of animal□s 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

Italy has been again recognized rabies-free since 2013.

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

In 2016 no rabies cases have been diagnosed. The last case was diagnosed in February 2011. The epidemiological situation of rabies in Slovenia and Croatia has improved with no case detected in 2016. Similar favourable trend has been reported also in the Balkan area.

Recent actions taken to control the zoonoses

In 2016 two ordinary aerial oral fox vaccination campaigns have been carried out (Spring and 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.

Suggestions to the European Union for the actions to be taken

Attention should be maintained on the Balkan area through ORV campaigns and the stregthening of the passive surveillance system.

## 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 - All animals - animal sample - Involved Area is Animals

Monitoring system

Diagnostic/analytical methods used

Animals at farm

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 IstitutoZooprofilatticoSperimentaledella 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

The epidemiological situation of animal toxoplasmosis in the 2016 has apparently slightly improved. Compared to 2015, the overall prevalence decreased to 16.98% reduction as compared to the 2015 rate (22.29%) despite the number of collected samples increased from 5227 to 5882. The prevalence figure is merely statistical value 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. Once again it is outlined the difficulty of defining a risk map based on the incidence of infection in the different Italian Regions. As in 2015 the regions Calabria and Friuli Venezia Giulia did not submit any information while, unlike the past year, the Emilia Romagna region fulfilled the data submission request to the veterinary informative system. In 2016 the following regions have examined the largest number of samples: Sardinia, Liguria, Valle d'Aosta and Sicily (respectively: 2686, 584, 543, 417 and 401 examined samples) while fewer tests were performed by Lombardy, Basilicata and the province of Trento (6, 8 and 8 samples respectively). Also for 2016 the informative system reports only data on animal samples while no information regarding Toxoplasma contamination in food, including vegetable is available. With regard to sampling context, in 2016 analyses were performed for clinical investigations (67,40%), official controls (21.85%) and research activities (10,76) purposes. Overall positive results ratios for individual animal species are as follows: 23/209 (11%) for cattle; 1/5 (20%) for horses and donkeys; 494/2465 (20%) for sheep; 36/432 (8,3%) for goats; 57/165 (34.5%) for pigs; 147/461 (31.9%) for dogs; 210/672 (31.3%) for cats; 8/901 (0.9%) for wild boars; 4/295 (1.35%) for wild ruminants; 3/43 (6,9) for buffalo; 16/234 (6,8%) for other species. Only for those species for which an appropriate number of tests is available (at least more than 150 examined animal units), compared to 2015 prevalence rates are almost overlapping for dogs, cats and wild ruminants while the infection prevalence is increased in cattle (11% vs 3.4%) and pigs (34.5% vs 27%) and is decreased for sheep (20% vs 45.72%), goats (8.3% vs. 23.2%) and wild boars (0.9% vs 10.2%). 2016 prevalence rates confirm that pigs and sheep are major sources of toxoplasma infection whereas the increase of seropositive cases among cattle show that the latter can be a potential source of foodborne toxoplasmosis.

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 of 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 2016 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

The National Reference Centre for Toxoplasmosis (Ce.Tox) has been granted funding by the Ministry of Health for two research projects related the risk assessment of milk, vegetables, fruits and fishery products for the transmission of toxoplasmosis to consumers.

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

Despite the informative system was opened for the collection of data on toxoplasma in food and in feedstuff, no region submitted any 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 trasmission 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 Italy, a further step could involve the collection of data effectively managed throughout the country with a planned survey. 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 - All animals - animal sample - Involved Area is Animals

#### Monitoring system

##### Sampling strategy

Sampling was carried out by official veterinarians and private practioners 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

Ce.Tox has an ongoing research projects on toxoplasmosis that could provide the scientific basis for the implementation of a national control programme

### Recent actions taken to control the zoonoses

Ce.Tox developed and published an innovative Real-Time PCR based method for the diagnosis of toxoplasmosis

### 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 patologies 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

The epidemiological situation of animal toxoplasmosis in the 2016 has apparently slightly improved. Compared to 2015, the overall prevalence decreased to 16.98% reduction as compared to the 2015 rate (22.29%) despite the number of collected samples increased from 5227 to 5882. The prevalence figure is merely statistical value 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. Once again it is outlined the difficulty of defining a risk map based on the incidence of infection in the different Italian Regions. As in 2015 the regions Calabria and Friuli Venezia Giulia did not submit any information while, unlike the past year, the Emilia Romagna region fulfilled the data submission request to the veterinary informative system. In 2016 the following regions have examined the largest number of samples: Sardinia, Liguria, Valle d'Aosta and Sicily (respectively: 2686, 584, 543, 417 and 401 examined samples) while fewer tests were performed by Lombardy, Basilicata and the province of Trento (6, 8 and 8 samples respectively). Also for 2016 the informative system reports only data on animal samples while no information regarding Toxoplasma contamination in food, including vegetable is available. With regard to sampling context, in 2016 analyses were performed for clinical investigations (67,40%), official controls (21.85%) and research activities (10,76) purposes. Overall positive results ratios for individual animal species are as follows: 23/209 (11%) for cattle; 1/5 (20%) for horses and donkeys; 494/2465 (20%) for sheep; 36/432 (8,3%) for goats; 57/165 (34.5%) for pigs; 147/461 (31.9%) for dogs; 210/672 (31.3%) for cats; 8/901 (0.9%) for wild boars; 4/295 (1.35%) for wild ruminants; 3/43 (6,9) for buffalo; 16/234 (6,8%) for other species. Only for those species for which an appropriate number of tests is available (at least more than 150 examined animal units), compared to 2015 prevalence rates are almost overlapping for dogs, cats and wild ruminants while the infection prevalence is increased in cattle (11% vs 3.4%) and pigs (34.5% vs 27%) and is decreased for sheep (20% vs 45.72%), goats (8.3% vs. 23.2%) and wild boars (0.9% vs 10.2%). 2016 prevalence rates confirm that pigs and sheep are major sources of toxoplasma infection whereas the increase of seropositive cases among cattle show that the latter can be a potential source of foodborne toxoplasmosis.

### 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 - All animals - animal sample - Involved Area is Animals

### Monitoring system

#### Sampling strategy

Sampling was carried out by official veterinarians and private practioners 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 practioners 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 practioners 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), 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

None

## Control program/mechanisms

### The control program/strategies in place

Ce.Tox has an ongoing research projects on toxoplasmosis that could provide the scientific basis for the implementation of a national control programme

### Recent actions taken to control the zoonoses

Ce.Tox developed and published an innovative Real-Time PCR based method for the diagnosis of toxoplasmosis

### 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

The epidemiological situation of animal toxoplasmosis in the 2016 has apparently slightly improved. Compared to 2015, the overall prevalence decreased to 16.98% reduction as compared to the 2015 rate (22.29%) despite the number of collected samples increased from 5227 to 5882. The prevalence figure is merely statistical value 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. Once again it is outlined the difficulty of defining a risk map based on the incidence of infection in the different Italian Regions. As in 2015 the regions Calabria and Friuli Venezia Giulia did not submit any information while, unlike the past year, the Emilia Romagna region fulfilled the data submission request to the veterinary informative system. In 2016 the following regions have examined the largest number of samples: Sardinia, Liguria, Valle d'Aosta and Sicily (respectively: 2686, 584, 543, 417 and 401 examined samples) while fewer tests were performed by Lombardy, Basilicata and the province of Trento (6, 8 and 8 samples respectively). Also for 2016 the informative system reports only data on animal samples while no information regarding Toxoplasma contamination in food, including vegetable is available. With regard to sampling context, in 2016 analyses were performed for clinical investigations (67,40%), official controls (21.85%) and research activities (10,76) purposes. Overall positive results ratios for individual animal species are as follows: 23/209 (11%) for cattle; 1/5 (20%) for horses and donkeys; 494/2465 (20%) for sheep; 36/432 (8,3%) for goats; 57/165 (34.5%) for pigs; 147/461 (31.9%) for dogs; 210/672 (31.3%) for cats; 8/901 (0.9%) for wild boars; 4/295 (1.35%) for wild ruminants; 3/43 (6,9) for buffalo; 16/234 (6,8%) for other species. Only for those species for which an appropriate number of tests is available (at least more than 150 examined animal units), compared to 2015 prevalence rates are almost overlapping for dogs, cats and wild ruminants while the infection prevalence is increased in cattle (11% vs 3.4%) and pigs (34.5% vs 27%) and is decreased for sheep (20% vs 45.72%), goats (8.3% vs. 23.2%) and wild boars (0.9% vs 10.2%). 2016 prevalence rates confirm that pigs and sheep are major sources of toxoplasma infection whereas the increase of seropositive cases among cattle show that the latter can be a potential source of foodborne toxoplasmosis.

### 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

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

No harmonized sampling plan for STEC in the animal population are available in Italy. in 2016 STEC sampling and testing have been mainly carried out in the framework of scientific research programme, and to support the investigation of human cases of infection by STEC

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

Given the absence of a harmonized plan for sampling and testing in animal population, no conclusions could be drawn as for the epidemiological trends of STEC in animal population

### 2.10.2 Escherichia coli in foodstuffs

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

### Monitoring system

### Sampling strategy

No harmonized sampling plan for STEC in the food are available in Italy. in 2016 STEC sampling and testing have been mainly carried out in the framework of scientific research programme, and to support the investigation of human cases of infection by STEC.

## Control program/mechanisms

### The control program/strategies in place

In Italy a microbiological criterion (absence) for STEC O157 in unpasteurized raw milk for direct sale to consumers has been introduced since 2007.

# 3 ANTIMICROBIAL RESISTANCE INFORMATION ON SPECIFIC ZOONOSES AND ZOONOTIC AGENTS

## 3.1 CAMPYLOBACTERIOSIS

### 3.1.1 Campylobacter in animals

#### 3.1.1.1 Antimicrobial resistance in C. jejuni All animals Involved Area is Animals

Additional information

General evaluation of Campylobacter jejuni AMR monitoring (Dec. 2013/652/EU) Prevalence of fluoroquinolone resistance in C jejuni remains very high (>80%) in both broiler and turkey flocks. In broilers, there is also a rise of macrolide (ERY) resistance, now at 8% (in turkey is around 3%), always detected in FQ-R isolates. Very high FQ+TET (co-resistance patterns are found in both production systems (around 68% in broilers and 64% in turkeys). Results of the investigation Broiler chickens, Caecal samples Campylobacter jejuni AMR monitoring at slaughter Samples tested: 806; samples positive: 258; prevalence: 32.01% A total 258 isolates were randomly selected for AST testing. Among C. jejuni isolates tested, only 14.73% were fully susceptible (38/258), and 8.53% (22/258) were MDR (3+R). Fluoroquinolone resistance was widespread, reaching 81.17% (212/258). Tetracycline resistance was 72.09 % (186/258). Macrolide (ERY) resistance was detected in 8.14% of isolates all co-resistant to FQs and tetracyclines. No gentamicin resistance was detected. The most prevalent minimum Co-R pattern was FQ+TET, detected in 68.99% of isolates (178/258), with FQ+ERY+TET in 8.14%. Fattening turkeys, Caecal samples Campylobacter jejuni AMR monitoring at slaughter Samples tested: 785; samples positive: 131; prevalence: 16.69% A total 131 isolates were available for AST testing. Among C. jejuni isolates tested, only 13.74% (18/131) were fully susceptible, and 5.34% (7/131) were MDR (3+R). Fluoroquinolone resistance was widespread, reaching 81.68% (107/131). Tetracycline resistance was 68.70% (90/131). Macrolide (ERY) resistance was detected in 3.05% (4/131) of isolates only, with 3 out of four also FQ resistant. Gentamicin (GEN) resistance was not detected. The most prevalent Co-R pattern was FQ+TET, detected in 64.12% of isolates (84/131), with FQ+ERY+TET in 2.29% (3/131).

## 3.2 ESCHERICHIA COLI, NON-PATHOGENIC

### 3.2.1 Escherichia coli, non-pathogenic in foodstuffs

#### 3.2.1.1 Antimicrobial resistance in E.coli, non-pathogenic, unspecified All foodstuffs Involved Area is Food

Description of sampling designs

According to DEc 2013/652/EU and relevant EFSA documents

Stratification procedures per animal populations and food categories

According to DEc 2013/652/EU and relevant EFSA documents

Randomisation procedures per animal populations and food categories

According to DEc 2013/652/EU and relevant EFSA documents

Sampling strategy used in monitoring

Procedures for the selection of isolates for antimicrobial testing

According to DEc 2013/652/EU and relevant EFSA documents

Laboratory used for detection for resistance

Antimicrobials included in monitoring

According to DEc 2013/652/EU and relevant EFSA documents

Cut-off values used in testing

According to DEc 2013/652/EU and relevant EFSA documents

Additional information

Text form Antimicrobial resistance food - National evaluation of the recent situation, the trends and sources of infection General evaluation AMR monitoring in fresh broiler and turkey meat (Dec. 2013/652/EU) Results of the monitoring activities carried out in Italy demonstrate that a high prevalence, around 63% in broiler meat and around 49% in turkey meat of ESBL(AmpC)-producing, MDR, E. coli can be found when using specific selective culture methods. This finding is consistent with the high prevalence of ESBL/AmpC-producing E. coli among epidemiological units (national flocks) investigated at slaughter. In these ESBL/AmpC producing E.coli, the proportion of co-resistances to fluoroquinolones, often with ciprofloxacin MIC values classified as values of clinical resistance for humans, and co-resistance to colistin (even higher in turkey meat) are of further concern. These findings should be of input and of thorough evaluation for risk management purposes and consumer protection along the poultry production chain. On the side of good news, no carbapenemase-producing E. coli has been found with the sample size as defined by the Dec. 2013/652/EU: this indicates that should these clones or genes had entered in the intensive broiler and turkey industries and selected by use of other antimicrobials such as ESC, their prevalence should not exceed around 1% (see prevalence upper confidence limit). Text form Antimicrobial resistance food - Results of the investigation Specific monitoring of ESBL-, or AmpC producing Escherichia coli in broiler meat at retail (Dec. 2013/652/EU) Samples tested: 325; samples positive 207; prevalence: 63.69% (95% C. I.: 58.20-68.93%); isolates available for AST: 207. The results of the study demonstrate a high prevalence of ESC-R E. coli in broiler meat sampled at retail. Most of isolates were true ESBL-producing E. coli, with the majority of isolates harbouring genes of the CTX-M family (129/207); and with ESBL genes of the SHV family the second dominant group (58/207). A minority (20/207) isolates were AmpC-positive, and almost all harboured the plasmid-borne CMY-2 gene. The vast majority (204/207) were also MDR (3+R). Co-resistance with FQs in ESBL/AmpC-positive isolates was found in 76.32% of the isolates (158/207) (11/15), and all isolates were also MDR one. A total of 7.25% (15/207) of ESC-R isolates were co-resistant to Colistin. The vast majority of these isolates (13/15) were also co-resistant to FQs, and all MDR. No carbapenem-, tygecycline resistance was detected among these ESC-R subpopulation of isolates. Specific monitoring of carbapenemase-producing Escherichia coli in broiler meat at retail (Dec. 2013/652/EU) Samples tested on selective culture media: 325; samples positive 0; prevalence: 0.00% (95% CI 0.00-1.13%). No carbapenemase-producing E. coli were detected by the specific culture procedures performed by using appropriate selective media and conditions, as recommended in the Dec. 2013/652/EU and by the EURL-AR. Specific monitoring of ESBL-, or AmpC producing Escherichia coli in turkey meat at retail (Dec. 2013/652/EU) Samples tested: 293; samples positive 144; prevalence: 49.15% (95% C. I.: 43.29-55.03%); isolates available for AST: 144. The results of the study demonstrate a high prevalence of ESC-R E. coli in turkey meat sampled at retail. Most of isolates (128/144) were true ESBL-producing E. coli, with the majority of isolates harbouring genes of the CTX-M family (100/144); and with ESBL genes of the SHV family, the second dominant group (28/144). A minority isolates (5/144) were AmpC-positive, and almost all harboured the plasmid-borne CMY-2 gene. The rest of the ESC-R isolates harboured a mutant of the TEM family, with MIC values on the epidemiological cut-off for FOT and TAZ. The vast majority (92.36%,133/144) were also MDR (3+R). Co-resistance with FQs in ESBL/AmpC-positive isolates was found in 76.32% of the isolates (158/207) (11/15), and all isolates were also MDR one. The majority of these isolates (69.44%; 100/144) were also co-resistant to FQs, and all MDR. A total of 15.97% (23/144) of ESC-R isolates were also co-resistant to Colistin. A total of 12.50% (18/144) of these isolates were ESC+FQ+COL resistant ones. No carbapenem-, tygecycline resistance was detected among these ESC-R subpopulation of isolates. Specific monitoring of carbapenemase-producing Escherichia coli in turkey meat at retail (Dec. 2013/652/EU) Samples tested on selective culture media: 325; samples positive 0; prevalence: 0.00% (95% CI 0.00-1.13%). No carbapenemase-producing E. coli were detected by the specific culture procedures performed by using appropriate selective media and conditions, as recommended in the Dec. 2013/652/EU and by the EURL-AR.

## 3.2.2 Escherichia coli, non-pathogenic in animals

### 3.2.2.1 Antimicrobial resistance in E.coli, non-pathogenic, unspecified All animals Involved Area is Animals

Description of sampling designs

According to Dec 2013/652/EU and relevant EFSA documents

Stratification procedures per animal populations and food categories

According to Dec 2013/652/EU and relevant EFSA documents

## Sampling strategy used in monitoring

### Type of specimen taken

According to Dec 2013/652/EU and relevant EFSA documents

### Procedures for the selection of isolates for antimicrobial testing

According to Dec 2013/652/EU and relevant EFSA documents

## Laboratory used for detection for resistance

### Antimicrobials included in monitoring

According to Dec 2013/652/EU and relevant EFSA documents

### Cut-off values used in testing

According to Dec 2013/652/EU and relevant EFSA documents

## Additional information

Text form Antimicrobial resistance - animal - National evaluation of the recent situation, the trends and sources of infection General evaluation commensal Escherichia coli (Indicator and ESBL/AmpC/carbapenemase producing E. coli) High-level MDR was detected in randomly sampled commensal indicator E. coli in both turkey and broiler flocks collected at slaughter and a low prevalence of fully susceptible isolates. FQ-R was higher than in Salmonella from the same productions (around 80% from broilers and around 62% from turkeys), with around 40% and 35% of FQ clinical resistance (CR), respectively. ESC-R was also detected in the commensal, randomly sampled, E. coli gut populations of both species, with around 5% in broilers and 4% in turkeys. A proportion of these isolates were also co-resistant to other CIAs. Colistin resistance was about 5% in broiler chickens were higher in turkeys, reaching about 17% of isolates, and mostly mediated by the transferable COL-R mcr-1 gene. Highest overall resistances were detected also for TET, SMX, AMP, among the drug classes most widely sold and used for oral route in farmed animals in Italy. Very high prevalence of the Extended-spectrum cephalosporin-resistant(ESC-R)E. coli, (mostly ESBL-producing), were detected from the specific monitoring of ESBL/AmpC-producing E. coli populations in both production systems when using selective laboratory procedures (prevalence around 92% in broilers 74% in fattening turkey). These clones also showed a high rate of MDR (>90%) and were often Co-R to other CIAs like FQ or COL. On the side of good news, after two years interval (2014-2016), it has been confirmed that no carbapenem-resistant E. coli was ever detected in both the ESBL/AmpC and in the specific carbapenemase-producing E. coli monitoring activities in broilers and turkeys according to the Dec. 2013/652/EU. Text form Antimicrobial resistance animal - Results of the investigation Broiler chickens, Caecal samples Sampling context: monitoring at slaughter (2013/652/EU) Indicator commensal Escherichia coli monitoring Samples tested: 409; samples positive 407; Prevalence: 97.60% A total 170 isolates randomly selected for AST testing. Among indicator E. coli isolates tested, only 5.29% were fully susceptible, while 87.06% showed multidrug resistance (MDR, i. e. 3+ resistances to unrelated antimicrobials). Fluoroquinolone (FQ) microbiological resistance (MR) was 80.59%, of which 39.41% also showing values of clinical resistance (CR), in the range of 2-16 mg/L, mode 8 mg/L. Resistance to extended-spectrum cephalosporins (ESC, i. e. to cefotaxime, FOT or ceftazidime, CAZ) was 5.29% (9/170). Colistin (COL) resistance (R>2 mg/L, mode 4mg/L) was 4.70% (8/170), always detected in MDR isolates. Co-resistances (Co-R) to Critically Important Antimicrobials (CIAs) were also observed: FQ+COL MR was 4.12% (1.74% FQ CR); FQ+ESC R was 4.12%, with one isolate (0.59%) showing also CIP+COL+ESC MDR (0.59% CR). Resistance to tetracyclines (TET, the drug class with the highest sales for oral route in farmed animals in Italy) was 65.29%, while resistance to aminopenicillins (AMP) was 79.41%, and to sulfonamides (SUL) was 74.71%. None of isolates were found resistant to tigecycline (TIG) or carbapenems (MER). A frequent minimum MDR pattern was TMP, SMX, TET, AMP, CIP found in 35.29% (60/170) of isolates, and a pattern also including amphenicol (CHL) resistance was 15.29% (26/170). These are the same pattern encountered in MDR isolates resistances or co-resistances to CIAs (COL, ESC, FQ). The TET, AMP, FQ pattern accounted for 38.23% of MDR isolates. Specific monitoring of ESBL-, or AmpC producing Escherichia coli Samples tested on selective culture media: 409; samples positive 379; Prevalence: 92.67% A high prevalence of ESC-producing E. coli was detected through the specific ESBL- or AmpC- producing E. coli monitoring in broiler chicken flocks. The isolates were all clinically resistant to FOT or CAZ, with the majority being (85%) were ESBL-producing ones. A minority harboured plasmid-borne AmpC genes (14.5%). MDR was 93.93% (356/379), with 62.53% (237/379) with 5+ R. High levels of co-resistances to CIAs were a common feature of these isolates: 77.84% showed also MR to FQ (40.37% CR: range 1-16 mg/L, mode 8 mg/L). Additionally, 6.60% to COL (range 4-16 mg/L, mode 4 mg/L). A 5.28% (25/379) showed also ESC+FQ+COL phenotype (4.48%, 17/379 also with FQ CR). Three isolates (0.79%) showed MDR to eleven antimicrobials, including an ESC+FQ+COL phenotype, with all drugs in the range of clinical resistances, which proved to be susceptible to carbapenems and tygecycline, so that they can be classified among extremely drug-resistant (XDR) bacteria. Co-resistances to antimicrobials with highest sales for oral route were the most prevalent: 75.20% to TET, and 85.75% to SMX. No co-resistance to carbapenems (MER) or tygecycline was detected in these isolates. Specific monitoring of carbapenemase-producing Escherichia coli Samples tested on selective culture media: 409; samples positive 0; Prevalence: 0.00% (95% CI 0.00-0.9%). Fattening Turkeys, caecal samples Sampling context: Monitoring at slaughter (Dec. 2013/652/EU) Indicator commensal Escherichia coli Samples tested: 361; samples positive 359; Prevalence: 99.45% A total 170 isolates were randomly selected for AST testing. Specific monitoring of ESBL-, or AmpC producing Escherichia coli Samples tested on selective culture media: 361; samples positive 270; Prevalence: 74.79% A high prevalence of ESC-producing E. coli was detected through the specific ESBL- or AmpC- producing E. coli

monitoring in flocks of fattening turkeys. The vast majority (241/270) were also clinically resistant to FOT or CAZ; however all isolates harboured ESBL or AmpC genes, and were true ESC-R E. coli. MDR was 97.04 (262/270), with 66.67% (180/270) with 5+ R. High levels of co-resistances to CIAs were a common feature of these isolates: 79.63% (215/270) showed also co-resistance to FQ (42.59%, 115/270 with FQ CR: range 1-16 mg/L, mode 16 mg/L). Additionally, 15.93% was co-resistant to COL (43/270, range 4-8 mg/L, mode 4 mg/L). A 12.59% (34/270) showed a ESC+FQ+COL pattern (8.52% also with FQ CR, 23/270). No co-resistance to carbapenems (MER) or tygecycline (TYG) was detected in these isolates. Co-resistances to antimicrobials with highest sales for oral route (tetracyclines, sulfonamides) were the most prevalent. Specific monitoring of carbapenemase-producing Escherichia coli Samples tested on selective culture media: 361; samples positive 0; Prevalence: 0.00% (95% CI 0.00-1.02%) No carbapenemase-producing E. coli were detected by the specific culture procedures performed by using appropriate selective media and conditions.

# 4 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.

## 4.1 Outbreaks

### 4.1.1 Foodborne outbreaks

National evaluation of the reported outbreaks in the country:

Trends in numbers of outbreaks and numbers of human cases involved

In Italy, during 2016, 10 botulism confirmed cases were reported and 8 sporadic outbreak, involving 22 cases, were identified and investigated. Salmonellosis was an important cause of foodborne outbreaks (n=31). The number of salmonellosis cases continued to decrease; as in previous years, the percentage of confirmed case reported was highest in young children, in particular in the age group 0□4 years. The two most common Salmonella serotypes were S. Enteritidis and S. Typhimurium. One trichinellosis outbreak, involving 5 cases, was related to wild boar meat consumption; pig, wild boar meats and derived products remain the two most important sources of human trichinellosis infection in Italy. Finally, a total of 6 sporadic outbreaks, involving 120 cases of Norovirus infection (Norwalk-like virus), were related to the consumption of mollusc, fish and derived products. The prevention and control of food-borne diseases is an objective of the Italian National Prevention Plan 2014-2018. The Prevention Plan aims at strengthening the epidemiological surveillance for the study of determinants and risks. It will be necessary to ensure the continuity of the surveys and the integration of the surveillance systems carried out by the National and Local Reference Laboratories aimed at the identification and characterization of the pathogens.

# ANIMAL POPULATION TABLES

## Table Susceptible animal population

| | | Population | | | |
|---|---|---|---|---|---|
| **Animal species** | **Category of animals** | **holding** | **animal** | **slaughter animal (heads)** | **herd/flock** |
| Cattle (bovine animals) | Cattle (bovine animals) - calves (under 1 year) | 466 | 207,067 | 316,882 | 482 |
| | Cattle (bovine animals) - dairy cows | 27,320 | 2,679,262 | 423,790 | 28,042 |
| | Cattle (bovine animals) - meat production animals | 84,256 | 2,199,897 | 1,540,056 | 87,575 |
| | Cattle (bovine animals) - mixed herds | 16,978 | 537,462 | 121,856 | 17,722 |
| Ducks | Ducks - breeding flocks, unspecified | 11 | 23,469 | 0 | 28 |
| | Ducks - meat production flocks | 90 | 416,138 | 1,212,745 | 159 |
| | Ducks - mixed flocks/holdings | 0 | 0 | 0 | 0 |
| Gallus gallus (fowl) | Gallus gallus (fowl) - breeding flocks for broiler production line | 253 | 6,023,555 | 2,303,182 | 730 |
| | Gallus gallus (fowl) - breeding flocks for egg production line | 47 | 860,617 | 240,332 | 95 |
| | Gallus gallus (fowl) - broilers | 2,570 | 80,736,920 | 301,353,044 | 4,990 |
| | Gallus gallus (fowl) - laying hens | 1,720 | 49,042,012 | 5,176,980 | 3,162 |
| Geese | Geese - breeding flocks, unspecified | 8 | 12,653 | 325 | 21 |
| | Geese - meat production flocks | 40 | 37,659 | 2,596 | 41 |
| | Geese - mixed flocks/holdings | 0 | 0 | 0 | 0 |
| Goats | Goats - meat production animals | 27,070 | 299,636 | 27,183 | 27,895 |
| | Goats - milk goats | 5,365 | 294,977 | 23,382 | 5,696 |
| | Goats - mixed herds | 19,099 | 393,220 | 35,544 | 20,591 |
| Pigs | Pigs - breeding animals | 21,076 | 1,946,746 | 2,332,496 | 22,858 |
| | Pigs - fattening pigs | 11,272 | 5,826,488 | 8,068,807 | 11,796 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption | 94,147 | 234,998 | 23,142 | 98,866 |
| Sheep | Sheep - meat production animals | 32,634 | 1,109,715 | 167,369 | 33,643 |
| | Sheep - milk ewes | 14,233 | 3,852,480 | 274,481 | 16,096 |
| | Sheep - mixed herds | 29,107 | 2,205,418 | 325,397 | 31,023 |
| Solipeds, domestic | Solipeds, domestic - horses | 137,841 | 351,422 | 20,036 | 147,794 |
| Turkeys | Turkeys - breeding flocks, unspecified | 50 | 486,786 | 0 | 194 |
| | Turkeys - meat production flocks | 781 | 11,770,980 | 0 | 2,143 |
| | Turkeys - mixed flocks/holdings | 0 | 0 | 0 | 0 |
| Water buffalos | Water buffalos - farmed | 2,170 | 393,575 | 59,696 | 2,339 |
| Wild boars | Wild boars - farmed | 783 | 3,106 | 4,606 | 788 |

## 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 | 1,114,434 | 788,925 | 787,151 | 758,831 | 2,745 | 2,625 | 3,376 |
| Abruzzo | 57,914 | 40,550 | 39,428 | 39,428 | 0 | 0 | 172 |
| Molise | 17,419 | 11,416 | 11,416 | 11,416 | 37 | 26 | 26 |
| Campania | 190,776 | 130,414 | 129,857 | 129,857 | 307 | 306 | 374 |
| Puglia | 188,280 | 137,001 | 137,001 | 137,001 | 418 | 398 | 624 |
| Basilicata | 86,968 | 68,161 | 68,141 | 68,141 | 49 | 49 | 177 |
| Calabria | 127,918 | 91,590 | 91,590 | 91,590 | 106 | 102 | 198 |
| Sicilia | 380,084 | 280,760 | 280,685 | 252,365 | 1,828 | 1,744 | 1,805 |
| Lazio (NUTS 2010-2013) | 65,075 | 29,033 | 29,033 | 29,033 | 0 | 0 | 0 |

## 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 | 413 | 16 | 39,835 | 32,188 | 31,985 | 510 |
| Abruzzo | 3 | 0 | 3,546 | 2,385 | 2,244 | 6 |
| Molise | 3 | 0 | 779 | 509 | 509 | 3 |
| Campania | 66 | 4 | 10,252 | 7,171 | 7,112 | 84 |
| Puglia | 61 | 6 | 3,823 | 3,491 | 3,491 | 72 |
| Basilicata | 11 | 2 | 2,608 | 2,449 | 2,448 | 17 |
| Calabria | 45 | 1 | 6,993 | 5,721 | 5,721 | 49 |
| Sicilia | 224 | 3 | 9,905 | 9,580 | 9,578 | 279 |
| Lazio (NUTS 2010-2013) | 0 | 0 | 1,929 | 882 | 882 | 0 |

## 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 | 32,506 | 814,301 | 71 | 731 | 101 | 6,768 | 588 | 17,128 | 39 | 405 | 1 | 21 | 31,706 | 789,248 |
| Abruzzo | 2,355 | 40,426 | 0 | 0 | 3 | 65 | 7 | 117 | 0 | 0 | 0 | 0 | 2,345 | 40,244 |
| Molise | 510 | 11,417 | 0 | 0 | 1 | 9 | 2 | 166 | 0 | 0 | 0 | 0 | 507 | 11,242 |
| Campania | 7,164 | 138,524 | 59 | 650 | 30 | 1,553 | 143 | 2,211 | 8 | 90 | 0 | 0 | 6,924 | 134,020 |
| Puglia | 3,491 | 137,001 | 0 | 0 | 16 | 1,006 | 36 | 2,350 | 0 | 0 | 0 | 0 | 3,439 | 133,645 |
| Basilicata | 2,449 | 68,161 | 1 | 20 | 2 | 93 | 6 | 584 | 0 | 0 | 0 | 0 | 2,440 | 67,464 |
| Calabria | 5,659 | 91,414 | 0 | 0 | 9 | 393 | 37 | 1,009 | 2 | 27 | 0 | 0 | 5,611 | 89,985 |
| Sicilia | 9,371 | 278,359 | 1 | 37 | 40 | 3,649 | 357 | 10,691 | 29 | 288 | 1 | 21 | 8,943 | 263,673 |
| Lazio (NUTS 2010-2013) | 1,507 | 48,999 | 10 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,497 | 48,975 |

## 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 | 41,062 | 87 | 77 | 0 | 3 | 63,194 | 2 | 3,041,018 | 17,515 | 422,654 | 63,204 | 3 | 14,446 | 585,511 | 0 | 754 | 0 | 0 | 55 |
| Piemonte | 155 | 6 | 9 | 0 | 0 | 9,398 | 0 | 335,773 | 1,981 | 48,530 | 9,398 | 0 | 393 | 1,302 | 0 | 45 | 0 | 0 | 9 |
| Valle d'Aosta/Vallée d'Aoste (NUTS level 2) | 56 | 0 | 0 | 0 | 0 | 1,024 | 0 | 38,562 | 662 | 6,810 | 1,024 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 5 |
| Liguria | 0 | 0 | 0 | 0 | 0 | 809 | 0 | 20,527 | 451 | 5,998 | 809 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lombardia | 0 | 0 | 0 | 0 | 0 | 10,290 | 0 | 1,205,338 | 2,490 | 142,718 | 10,290 | 0 | 5,367 | 527,204 | 0 | 46 | 0 | 0 | 0 |
| Abruzzo | 0 | 0 | 0 | 0 | 0 | 370 | 0 | 5,722 | 216 | 2,921 | 370 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Molise | 50 | 2 | 11 | 0 | 3 | 1,200 | 2 | 16,457 | 1,202 | 15,957 | 1,202 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Puglia | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 3,638 | 204 | 3,638 | 204 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sardegna | 38,871 | 37 | 44 | 0 | 0 | 7,911 | 0 | 199,260 | 2,137 | 38,802 | 7,919 | 0 | 17 | 25 | 0 | 50 | 0 | 0 | 14 |
| Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013) | 613 | 29 | 0 | 0 | 0 | 7,821 | 0 | 132,957 | 1,067 | 4,470 | 7,821 | 0 | 4,650 | 4,650 | 0 | 21 | 0 | 0 | 11 |
| Provincia Autonoma di Trento (NUTS 2010-2013) | 99 | 0 | 0 | 0 | 0 | 1,316 | 0 | 42,152 | 291 | 6,958 | 1,316 | 0 | 69 | 219 | 0 | 20 | 0 | 0 | 0 |
| Veneto (NUTS 2010-2013) | 698 | 10 | 0 | 0 | 0 | 5,435 | 0 | 187,826 | 873 | 9,238 | 5,435 | 0 | 600 | 45,716 | 0 | 362 | 0 | 0 | 0 |
| Friuli-Venezia Giulia (NUTS 2010-2013) | 0 | 0 | 0 | 0 | 0 | 1,203 | 0 | 57,750 | 281 | 5,247 | 1,203 | 0 | 123 | 201 | 0 | 0 | 0 | 0 | 0 |
| Emilia-Romagna (NUTS 2010-2013) | 520 | 2 | 13 | 0 | 0 | 5,614 | 0 | 515,918 | 782 | 11,728 | 5,614 | 0 | 3,189 | 6,073 | 0 | 122 | 0 | 0 | 13 |
| Toscana (NUTS 2010-2013) | 0 | 1 | 0 | 0 | 0 | 2,836 | 0 | 69,087 | 727 | 13,016 | 2,836 | 0 | 38 | 121 | 0 | 8 | 0 | 0 | 0 |
| Umbria (NUTS 2010-2013) | 0 | 0 | 0 | 0 | 0 | 1,479 | 0 | 29,318 | 510 | 8,334 | 1,479 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 |
| Marche (NUTS 2010-2013) | 0 | 0 | 0 | 0 | 0 | 1,678 | 0 | 37,583 | 962 | 21,501 | 1,678 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| Lazio (NUTS 2010-2013) | 0 | 0 | 0 | 0 | 0 | 4,606 | 0 | 143,150 | 2,679 | 76,788 | 4,606 | 1 | 0 | 0 | 0 | 0 | 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 | 2,478,548 | 2,285,456 | 2,257,998 | 2,161,533 | 15,806 | 14,137 | 17,267 |
| Abruzzo | 195,295 | 170,291 | 159,103 | 159,103 | 0 | 0 | 0 |
| Campania | 256,806 | 241,961 | 229,980 | 229,980 | 447 | 130 | 269 |
| Puglia | 341,745 | 309,975 | 309,975 | 309,975 | 403 | 395 | 1,063 |
| Basilicata | 319,545 | 259,749 | 256,874 | 160,409 | 16 | 16 | 257 |
| Calabria | 391,776 | 377,086 | 377,086 | 377,086 | 1,774 | 1,755 | 2,149 |
| Sicilia | 973,381 | 926,394 | 924,980 | 924,980 | 13,166 | 11,841 | 13,529 |

## 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 | 312 | 43 | 39,089 | 38,149 | 37,055 | 447 |
| Abruzzo | 0 | 0 | 4,211 | 4,199 | 4,028 | 0 |
| Campania | 19 | 3 | 7,432 | 7,172 | 6,307 | 23 |
| Puglia | 24 | 8 | 3,598 | 3,515 | 3,515 | 28 |
| Basilicata | 2 | 1 | 6,446 | 6,353 | 6,312 | 3 |
| Calabria | 62 | 4 | 8,527 | 8,208 | 8,208 | 76 |
| Sicilia | 205 | 27 | 8,875 | 8,702 | 8,685 | 317 |

## 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 | 37,966 | 2,284,055 | 902 | 14,221 | 115 | 29,128 | 1,021 | 72,175 | 203 | 27,772 | 0 | 0 | 35,725 | 2,140,759 |
| Abruzzo | 4,199 | 170,291 | 1 | 7 | 0 | 0 | 47 | 260 | 0 | 0 | 0 | 0 | 4,151 | 170,024 |
| Campania | 7,170 | 246,247 | 858 | 11,171 | 6 | 641 | 420 | 9,689 | 43 | 801 | 0 | 0 | 5,843 | 223,945 |
| Puglia | 3,515 | 309,975 | 0 | 0 | 0 | 0 | 17 | 2,169 | 0 | 0 | 0 | 0 | 3,498 | 307,806 |
| Basilicata | 6,353 | 259,749 | 41 | 2,875 | 0 | 0 | 2 | 263 | 0 | 0 | 0 | 0 | 6,310 | 256,611 |
| Calabria | 8,139 | 376,231 | 0 | 0 | 22 | 3,009 | 91 | 5,706 | 18 | 1,050 | 0 | 0 | 8,008 | 366,466 |
| Sicilia | 8,590 | 921,562 | 2 | 168 | 87 | 25,478 | 444 | 54,088 | 142 | 25,921 | 0 | 0 | 7,915 | 815,907 |

## 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 | 135,760 | 85 | 167 | 0 | 74,886 | 0 | 5,154,074 | 31,999 | 764,982 | 74,917 | 1 | 49 |
| Piemonte | 23 | 3 | 14 | 0 | 8,776 | 0 | 179,146 | 2,118 | 69,264 | 8,776 | 0 | 3 |
| Valle d'Aosta/Vallée d'Aoste (NUTS level 2) | 1,675 | 0 | 0 | 0 | 510 | 0 | 7,268 | 209 | 1,675 | 510 | 0 | 0 |
| Liguria | 4,429 | 1 | 0 | 0 | 2,356 | 0 | 21,646 | 1,011 | 9,819 | 2,360 | 0 | 0 |
| Lombardia | 0 | 0 | 0 | 0 | 12,749 | 0 | 206,754 | 4,846 | 63,388 | 12,749 | 0 | 0 |
| Abruzzo | 531 | 0 | 0 | 0 | 882 | 0 | 23,591 | 531 | 12,929 | 882 | 0 | 0 |
| Molise | 0 | 0 | 0 | 0 | 2,804 | 0 | 72,771 | 2,804 | 59,652 | 2,804 | 0 | 0 |
| Sardegna | 128,979 | 75 | 152 | 0 | 14,518 | 0 | 3,324,114 | 2,159 | 124,701 | 14,521 | 0 | 19 |
| Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013) | 5 | 5 | 0 | 0 | 3,893 | 0 | 69,545 | 3,386 | 11,840 | 3,893 | 0 | 15 |
| Provincia Autonoma di Trento (NUTS 2010-2013) | 5 | 0 | 0 | 0 | 1,251 | 0 | 42,603 | 1,251 | 23,983 | 1,251 | 0 | 0 |
| Veneto (NUTS 2010-2013) | 69 | 0 | 0 | 0 | 2,941 | 0 | 72,523 | 1,833 | 31,953 | 2,941 | 0 | 0 |
| Friuli-Venezia Giulia (NUTS 2010-2013) | 0 | 0 | 0 | 0 | 608 | 0 | 25,884 | 272 | 1,583 | 608 | 0 | 0 |
| Emilia-Romagna (NUTS 2010-2013) | 44 | 0 | 1 | 0 | 3,637 | 0 | 72,022 | 1,535 | 38,228 | 3,660 | 0 | 8 |
| Toscana (NUTS 2010-2013) | 0 | 0 | 0 | 0 | 6,167 | 0 | 420,847 | 3,958 | 55,853 | 6,167 | 0 | 4 |
| Umbria (NUTS 2010-2013) | 0 | 0 | 0 | 0 | 3,439 | 0 | 118,787 | 929 | 18,414 | 3,439 | 0 | 0 |
| Marche (NUTS 2010-2013) | 0 | 1 | 0 | 0 | 3,311 | 0 | 134,690 | 1,722 | 91,908 | 3,312 | 0 | 0 |
| Lazio (NUTS 2010-2013) | 0 | 0 | 0 | 0 | 7,044 | 0 | 361,883 | 3,435 | 149,792 | 7,044 | 1 | 0 |

## 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 | 1,525,266 | 1,271,052 | 1,186,364 | 1,186,364 | 2,341 | 2,262 | 3,230 |
| Valle d'Aosta/Vallée d'Aoste (NUTS level 2) | 38,562 | 32,166 | 32,166 | 32,166 | 0 | 0 | 0 |
| Abruzzo | 58,248 | 54,774 | 53,663 | 53,663 | 0 | 0 | 0 |
| Molise | 44,743 | 36,281 | 36,281 | 36,281 | 68 | 6 | 68 |
| Campania | 190,776 | 157,724 | 156,912 | 156,912 | 60 | 60 | 116 |
| Puglia | 195,623 | 175,235 | 175,235 | 175,235 | 134 | 134 | 486 |
| Basilicata | 86,968 | 82,711 | 82,691 | 82,691 | 0 | 0 | 0 |
| Calabria | 127,918 | 107,657 | 107,657 | 107,657 | 146 | 146 | 243 |
| Sicilia | 378,696 | 344,856 | 344,755 | 344,755 | 1,733 | 1,717 | 1,733 |
| Sardegna | 120,963 | 108,542 | 52,130 | 52,130 | 1 | 1 | 1 |
| Umbria (NUTS 2010-2013) | 56,066 | 43,138 | 16,928 | 16,928 | 0 | 0 | 0 |
| Marche (NUTS 2010-2013) | 18,898 | 15,212 | 15,190 | 15,190 | 46 | 46 | 104 |
| Lazio (NUTS 2010-2013) | 207,805 | 112,756 | 112,756 | 112,756 | 153 | 152 | 479 |

### 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 | 239 | 18 | 55,879 | 43,278 | 40,233 | 335 |
| Valle d'Aosta/Vallée d'Aoste (NUTS level 2) | 0 | 0 | 1,024 | 992 | 992 | 0 |
| Abruzzo | 0 | 0 | 3,564 | 3,047 | 2,963 | 0 |
| Molise | 4 | 2 | 2,449 | 1,711 | 1,711 | 4 |
| Campania | 11 | 2 | 10,252 | 7,183 | 7,124 | 13 |
| Puglia | 16 | 5 | 4,097 | 3,998 | 3,998 | 18 |
| Basilicata | 0 | 0 | 2,608 | 2,546 | 2,545 | 0 |
| Calabria | 22 | 2 | 6,993 | 5,745 | 5,745 | 24 |
| Sicilia | 178 | 1 | 9,899 | 9,590 | 9,586 | 263 |
| Sardegna | 0 | 0 | 3,880 | 3,833 | 1,630 | 0 |
| Umbria (NUTS 2010-2013) | 0 | 0 | 2,781 | 1,479 | 785 | 0 |
| Marche (NUTS 2010-2013) | 7 | 2 | 1,116 | 558 | 558 | 7 |
| Lazio (NUTS 2010-2013) | 1 | 4 | 7,216 | 2,596 | 2,596 | 6 |

### 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 | 44,813 | 1,351,586 | 131 | 3,477 | 69 | 4,342 | 491 | 14,868 | 62 | 2,015 | 0 | 0 | 44,060 | 1,326,884 |
| Valle d'Aosta/Vallée d'Aoste (NUTS level 2) | 992 | 32,166 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 992 | 32,166 |
| Abruzzo | 3,008 | 54,625 | 0 | 0 | 0 | 0 | 19 | 38 | 0 | 0 | 0 | 0 | 2,989 | 54,587 |
| Molise | 1,711 | 36,284 | 0 | 0 | 0 | 0 | 2 | 23 | 2 | 62 | 0 | 0 | 1,707 | 36,199 |
| Campania | 7,171 | 162,590 | 59 | 821 | 5 | 69 | 99 | 1,020 | 9 | 188 | 0 | 0 | 6,999 | 160,492 |
| Puglia | 3,998 | 175,235 | 0 | 0 | 2 | 72 | 15 | 1,354 | 1 | 145 | 0 | 0 | 3,980 | 173,664 |
| Basilicata | 2,546 | 82,711 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,545 | 82,691 |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calabria | 5,663 | 107,509 | 0 | 0 | 7 | 232 | 35 | 823 | 1 | 65 | 0 | 0 | 5,620 | 106,389 |
| Sicilia | 9,332 | 343,119 | 1 | 40 | 47 | 3,585 | 314 | 11,308 | 42 | 1,052 | 0 | 0 | 8,928 | 327,134 |
| Sardegna | 3,804 | 108,367 | 51 | 2,412 | 0 | 0 | 1 | 14 | 0 | 0 | 0 | 0 | 3,752 | 105,941 |
| Umbria (NUTS 2010-2013) | 1,479 | 43,138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,479 | 43,138 |
| Marche (NUTS 2010-2013) | 558 | 15,212 | 0 | 0 | 6 | 272 | 1 | 47 | 0 | 0 | 0 | 0 | 551 | 14,893 |
| Lazio (NUTS 2010-2013) | 4,551 | 190,630 | 19 | 184 | 2 | 112 | 5 | 241 | 7 | 503 | 0 | 0 | 4,518 | 189,590 |

## 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 | 56,959 | 5 | 3,548,854 | | 880,828 | 27,417 | 24 | 9 | 56,929 |
| Piemonte | 9,394 | 4 | 611,283 | (1) | 317,180 | 20,022 | 8 | 6 | 9,398 |
| Liguria | 809 | 0 | 12,321 | (1) | 8,174 | 107 | 0 | 0 | 810 |
| Lombardia | 9,795 | 1 | 1,115,579 | (1) | 281,284 | 0 | 2 | 1 | 9,796 |
| Abruzzo | 394 | 0 | 7,821 | (1) | 3,988 | 0 | 0 | 0 | 394 |
| Sardegna | 3,874 | 0 | 128,658 | (1) | 345 | 0 | 0 | 0 | 3,836 |
| Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013) | 7,821 | 0 | 132,957 | (1) | 572 | 0 | 7 | 0 | 7,821 |
| Provincia Autonoma di Trento (NUTS 2010-2013) | 1,316 | 0 | 42,152 | (1) | 23,522 | 1,331 | 0 | 0 | 1,316 |
| Veneto (NUTS 2010-2013) | 11,062 | 0 | 780,857 | (1) | 70,246 | 0 | 0 | 0 | 11,062 |
| Friuli-Venezia Giulia (NUTS 2010-2013) | 1,203 | 0 | 57,750 | (1) | 0 | 4,188 | 0 | 0 | 1,203 |
| Emilia-Romagna (NUTS 2010-2013) | 5,614 | 0 | 515,918 | (1) | 110,606 | 989 | 3 | 0 | 5,614 |
| Toscana (NUTS 2010-2013) | 2,846 | 0 | 77,158 | (1) | 25,710 | 25 | 2 | 0 | 2,846 |
| Marche (NUTS 2010-2013) | 1,115 | 0 | 27,719 | (1) | 17,324 | 124 | 2 | 2 | 1,115 |
| Lazio (NUTS 2010-2013) | 1,716 | 0 | 38,681 | (1) | 21,877 | 631 | 0 | 0 | 1,718 |

## 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 - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Alpacas - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Antelopes - wild - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 3 | 0 | Brucella | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 9 | 1 | Brucella, unspecified sp. | 1 |
| | Badgers - wild - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 4 | 1 | Brucella, unspecified sp. | 1 |
| | Bears - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | 10 | 1 | Brucella, unspecified sp. | 1 |
| | Bears - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Bears - wild - Unspecified - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Brucella | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 128 | 0 | Brucella | 0 |
| | Cantabrian chamois - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Brucella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 1 | Brucella, unspecified sp. | 1 |
| | | herd/flock | 3 | 1 | Brucella, unspecified sp. | 1 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 8 | 0 | Brucella | 0 |
| | | herd/flock | 133 | 34 | Brucella abortus - biovar 3 | 12 |
| | | | | | Brucella melitensis - biovar 3 | 5 |
| | | | | | Brucella, unspecified sp. | 17 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | 6 | 3 | Brucella abortus - biovar 3 | 2 |
| | | | | | Brucella, unspecified sp. | 1 |
| | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 3 | 3 | Brucella abortus - biovar 3 | 3 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 12 | 0 | Brucella | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Brucella | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 97 | 5 | Brucella, unspecified sp. | 5 |
| | Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 3 | 0 | Brucella | 0 |
| | Deer - wild - red deer - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | 18 | 0 | Brucella | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | 3 | 0 | Brucella | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 274 | 9 | Brucella, unspecified sp. | 9 |
| | Deer - wild - roe deer - Unspecified - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 1 | 1 | Brucella, unspecified sp. | 1 |
| | Deer - wild - roe deer - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 11 | 3 | Brucella, unspecified sp. | 3 |
| | Deer - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 3 | 0 | Brucella | 0 |
| | Deer - wild - Unspecified - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Deer - wild - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 19 | 0 | Brucella | 0 |
| | Dogs - pet animals - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 37 | 0 | Brucella | 0 |
| | Dogs - pet animals - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 5 | 0 | Brucella | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 238 | 0 | Brucella | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 6 | 1 | Brucella, 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 | Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | Brucella | 0 |
| | Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 49 | 0 | Brucella | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Brucella | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 35 | 3 | Brucella, unspecified sp. | 3 |
| | Foxes - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Brucella | 0 |
| | Foxes - wild - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 6 | 1 | Brucella, unspecified sp. | 1 |
| | Giraffes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Goats - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 59 | 0 | Brucella | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 7 | 0 | Brucella | 0 |
| | | herd/flock | 6 | 0 | Brucella | 0 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 125 | 2 | Brucella, unspecified sp. | 2 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Brucella | 0 |
| | Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 4 | 0 | Brucella | 0 |
| | Hedgehogs - wild - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Brucella | 0 |
| | Lynx - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 3 | 2 | Brucella, unspecified sp. | 2 |
| | Marten - wild - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Mouflons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 4 | 0 | Brucella | 0 |
| | Pigs - breeding animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Brucella | 0 |
| | Pigs - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 141 | 4 | Brucella, unspecified sp. | 4 |
| | | herd/flock | 1 | 0 | Brucella | 0 |
| | Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Brucella | 0 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 4 | 0 | Brucella | 0 |
| | | herd/flock | 2 | 0 | Brucella | 0 |
| | Pigs - fattening pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 0 | Brucella | 0 |
| | Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Sheep - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 6 | 1 | Brucella, unspecified sp. | 1 |
| | | herd/flock | 2 | 1 | Brucella, unspecified sp. | 1 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 6 | 0 | Brucella | 0 |
| | | herd/flock | 63 | 6 | Brucella, unspecified sp. | 6 |
| | Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | 5 | 0 | Brucella | 0 |
| | Squirrels - wild - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 5 | 1 | Brucella melitensis - biovar 3 | 1 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 4 | 0 | Brucella | 0 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 207 | 3 | Brucella, unspecified sp. | 3 |
| | | herd/flock | 7 | 0 | Brucella | 0 |
| | Water buffalos - farmed - Farm - Italy - animal sample - blood - Control and eradication programmes - Official sampling - Census | animal | 269277 | 2768 | Brucella | 2,768 |

| 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 | Wild boars - farmed - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | herd/flock | 4 | 2 | Brucella, unspecified sp. | 2 |
| | Wild boars - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Wild boars - farmed - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | herd/flock | 7 | 2 | Brucella, unspecified sp. | 2 |
| | Wild boars - wild - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 4 | 0 | Brucella | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | 734 | 60 | Brucella, unspecified sp. | 60 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Brucella | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 638 | 36 | Brucella suis - biovar 2 | 4 |
| | | | | | Brucella, unspecified sp. | 32 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 235 | 11 | Brucella suis - biovar 2 | 11 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 15 | 1 | Brucella, unspecified sp. | 1 |
| | Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 4 | 0 | Brucella | 0 |
| | Wild boars - wild - Unspecified - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | 4 | 2 | Brucella, unspecified sp. | 2 |
| | Wild boars - wild - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 13 | 1 | Brucella, unspecified sp. | 1 |
| | Wolves - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | 8 | 0 | Brucella | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 12 | 1 | Brucella, unspecified sp. | 1 |
| | Wolves - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Brucella | 0 |
| | Wolves - wild - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 4 | 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 unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Brucella | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Brucella | 0 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 2 | Brucella, unspecified sp. | 2 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Brucella | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 4 | 0 | Brucella | 0 |
| | Milk, cows' - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 162 | 20 | Brucella, unspecified sp. | 20 |
| | Milk, cows' - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Brucella | 0 |
| | Milk, cows' - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 67 | 5 | Brucella, unspecified sp. | 5 |
| | Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Brucella | 0 |
| | Milk, sheep's - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 25 | 2 | Brucella, unspecified sp. | 2 |
| | Water - potable water - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 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 - zoo animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Campylobacter | 0 |
| | Bats - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 24 | 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 - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Campylobacter | 0 |
| | Birds - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 9 | 4 | Campylobacter coli | 1 |
| | | | | | Campylobacter jejuni | 3 |
| | Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 19 | 5 | Campylobacter coli | 1 |
| | | | | | Campylobacter jejuni | 4 |
| | Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 41 | 1 | Campylobacter, unspecified sp. | 1 |
| | Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 51 | 0 | Campylobacter | 0 |
| | Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 3 | 0 | Campylobacter | 0 |
| | Birds - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Campylobacter | 0 |
| | Birds - wild - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 4 | 1 | Campylobacter jejuni | 1 |
| | Canary - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Campylobacter | 0 |
| | Canary - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 8 | 0 | Campylobacter | 0 |
| | Canary - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 2 | 0 | Campylobacter | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 26 | 0 | Campylobacter | 0 |
| | Cats - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 7 | 0 | Campylobacter | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 25 | 0 | Campylobacter | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 9 | 0 | Campylobacter | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 45 | 5 | Campylobacter, unspecified sp. | 5 |
| | | holding | 17 | 1 | Campylobacter jejuni | 1 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 54 | 0 | Campylobacter | 0 |
| | | herd/flock | 216 | 6 | Campylobacter jejuni | 1 |
| | | | | | Campylobacter, unspecified sp. | 5 |
| | | holding | 15 | 1 | Campylobacter jejuni | 1 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 63 | 2 | Campylobacter coli | 1 |
| | | | | | Campylobacter jejuni | 1 |
| | | herd/flock | 17 | 0 | Campylobacter | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 103 | 0 | Campylobacter | 0 |
| | Cattle (bovine animals) - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | herd/flock | 6 | 0 | Campylobacter | 0 |
| | Cattle (bovine animals) - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 1 | Campylobacter, unspecified sp. | 1 |
| | Crows - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 16 | 0 | Campylobacter | 0 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 7 | 0 | Campylobacter | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 33 | 0 | Campylobacter | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Campylobacter | 0 |
| | Deer - wild - red deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 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 | Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 98 | 4 | Campylobacter, unspecified sp. | 4 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 137 | 1 | Campylobacter, unspecified sp. | 1 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 4 | 0 | Campylobacter | 0 |
| | Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 7 | 0 | Campylobacter | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 135 | 0 | Campylobacter | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 14 | 0 | Campylobacter | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 4 | 1 | Campylobacter jejuni | 1 |
| | Ducks - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 92 | 0 | Campylobacter | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 2 | 0 | Campylobacter | 0 |
| | Foxes - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Foxes - wild - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Fur animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 24 | 3 | Campylobacter, unspecified sp. | 3 |
| | Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 4 | 0 | Campylobacter | 0 |
| | Gallus gallus (fowl) - broilers - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Gallus gallus (fowl) - broilers - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 7 | 2 | Campylobacter, unspecified sp. | 2 |
| | Gallus gallus (fowl) - broilers - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 3 | Campylobacter, unspecified sp. | 3 |
| | Gallus gallus (fowl) - laying hens - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | holding | 1 | 0 | Campylobacter | 0 |
| | Giraffes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Campylobacter | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 12 | 0 | Campylobacter | 0 |
| | | herd/flock | 48 | 0 | Campylobacter | 0 |
| | | holding | 8 | 0 | Campylobacter | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 19 | 5 | Campylobacter, unspecified sp. | 5 |
| | | herd/flock | 7 | 0 | Campylobacter | 0 |
| | Goats - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 6 | 4 | Campylobacter, unspecified sp. | 4 |
| | Guinea pigs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Campylobacter | 0 |
| | Guinea pigs - pet animals - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Campylobacter, unspecified sp. | 1 |
| | Hares - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 7 | 0 | Campylobacter | 0 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 17 | 0 | Campylobacter | 0 |
| | Hares - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Hares - wild - Zoo - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 3 | 1 | Campylobacter jejuni | 1 |
| | Magpies - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 20 | 0 | Campylobacter | 0 |
| | Monkeys - zoo animal - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Campylobacter | 0 |
| | Mouflons - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Parrots - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 10 | 0 | Campylobacter | 0 |
| | Parrots - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 1 | Campylobacter, unspecified sp. | 1 |
| | Pheasants - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Pigeons - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Pigeons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 100 | 27 | Campylobacter jejuni | 26 |
| | | | | | Campylobacter, 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 | Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 27 | 0 | Campylobacter | 0 |
| | Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 5 | 0 | Campylobacter | 0 |
| | Pigeons - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 1 | Campylobacter, unspecified sp. | 1 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Campylobacter | 0 |
| | | herd/flock | 9 | 0 | Campylobacter | 0 |
| | | holding | 2 | 1 | Campylobacter, unspecified sp. | 1 |
| | Pigs - fattening pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 12 | 1 | Campylobacter, unspecified sp. | 1 |
| | Pigs - fattening pigs - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 4 | 3 | Campylobacter coli | 2 |
| | | | | | Campylobacter, unspecified sp. | 1 |
| | Quails - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Rabbits - farmed - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Rabbits - farmed - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 5 | 1 | Campylobacter, unspecified sp. | 1 |
| | Rodents - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | holding | 7 | 1 | Campylobacter coli | 1 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 7 | 0 | Campylobacter | 0 |
| | | herd/flock | 293 | 5 | Campylobacter jejuni | 1 |
| | | | | | Campylobacter, unspecified sp. | 4 |
| | | holding | 13 | 1 | Campylobacter jejuni | 1 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Campylobacter | 0 |
| | | herd/flock | 52 | 0 | Campylobacter | 0 |
| | Sheep - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Campylobacter | 0 |
| | Solipeds, domestic - donkeys - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 2 | Campylobacter jejuni | 2 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 13 | 0 | Campylobacter | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Campylobacter | 0 |
| | Solipeds, domestic - horses - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Steinbock - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Campylobacter | 0 |
| | Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 3 | 0 | Campylobacter | 0 |
| | Turkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Campylobacter, unspecified sp. | 1 |
| | Turtles - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 25 | 0 | Campylobacter | 0 |
| | Turtles - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 17 | 0 | Campylobacter | 0 |
| | Turtles - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 70 | 0 | Campylobacter | 0 |
| | Turtles - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Campylobacter | 0 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Campylobacter | 0 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 48 | 8 | Campylobacter coli | 4 |
| | | | | | Campylobacter jejuni | 4 |
| | Wild boars - wild - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | 4 | 0 | Campylobacter | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 55 | 11 | Campylobacter coli | 3 |
| | | | | | Campylobacter fetus | 3 |
| | | | | | Campylobacter, unspecified sp. | 5 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 9 | 0 | Campylobacter | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 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 | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 33 | 3 | Campylobacter coli | 1 |
| | | | | | Campylobacter, unspecified sp. | 2 |

## 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 - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 66 | 0 | Campylobacter | 0 |
| | All foodstuffs - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 85 | 0 | Campylobacter | 0 |
| | Beverages, non-alcoholic - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Campylobacter | 0 |
| | Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 17 | 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 unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Campylobacter | 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/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 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 | 26 | 0 | Campylobacter | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - 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 - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 35 | 1 | Campylobacter, unspecified sp. | 1 |
| | Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 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 | 1 | 0 | Campylobacter | 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/feed) | 25 | Gram | 1 | 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 | 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 | Crustaceans - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Dairy products (excluding cheeses) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Campylobacter | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Campylobacter | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Fruits and vegetables - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from bovine animals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Campylobacter | 0 |
| | Meat from bovine animals - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Campylobacter | 0 |
| | Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Campylobacter | 0 |
| | Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | Campylobacter | 0 |
| | Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | Campylobacter | 0 |
| | Meat from broilers (Gallus gallus) - carcase - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 8 | Campylobacter, unspecified sp. | 8 |
| | Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 1 | Campylobacter, unspecified sp. | 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 broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 0 | Campylobacter | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | Campylobacter | 0 |
| | Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Campylobacter | 0 |
| | Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 28 | 6 | Campylobacter, unspecified sp. | 6 |
| | Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Campylobacter | 0 |
| | Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Campylobacter | 0 |
| | Meat from broilers (Gallus gallus) - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Campylobacter | 0 |
| | Meat from broilers (Gallus gallus) - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 3 | Campylobacter, unspecified sp. | 3 |
| | Meat from broilers (Gallus gallus) - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 1 | Campylobacter, unspecified sp. | 1 |
| | Meat from duck - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from geese - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from horse - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - carcase - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - carcase - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - carcase - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 29 | 6 | Campylobacter jejuni | 1 |
| | | | | | | | Campylobacter, unspecified sp. | 5 |

| 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 - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 24 | 1 | Campylobacter, unspecified sp. | 1 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 61 | 5 | Campylobacter, unspecified sp. | 5 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 1 | Campylobacter coli | 1 |
| | Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 62 | 11 | Campylobacter, unspecified sp. | 11 |
| | Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 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/feed) | 25 | Gram | 5 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 76 | 1 | Campylobacter, unspecified sp. | 1 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 15 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 1 | Campylobacter, unspecified sp. | 1 |
| | 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 | 1 | 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/feed) | 25 | Gram | 32 | 1 | Campylobacter, unspecified sp. | 1 |
| | Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 50 | 0 | Campylobacter | 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 | 16 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - meat products - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified | single (food/feed) | 400 | Square centimetre | 6 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | 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 | Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 1 | Campylobacter, unspecified sp. | 1 |
| | Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 22 | 0 | Campylobacter | 0 |
| | Meat from other animal species or not specified - minced meat - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from pig - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from pig - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 2 | Campylobacter, unspecified sp. | 2 |
| | Meat from pig - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 29 | 1 | Campylobacter, unspecified sp. | 1 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Campylobacter | 0 |
| | Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | Campylobacter | 0 |
| | Meat from pig - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Campylobacter | 0 |
| | Meat from pig - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 46 | 0 | Campylobacter | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | Campylobacter | 0 |
| | Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | Campylobacter | 0 |
| | Meat from pig - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Campylobacter | 0 |
| | Meat from pig - mechanically separated meat (MSM) - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Campylobacter | 0 |
| | Meat from pig - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 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 - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from rabbit - carcase - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Campylobacter | 0 |
| | Meat from rabbit - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from sheep - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Campylobacter | 0 |
| | Meat from sheep - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Campylobacter | 0 |
| | Meat from sheep - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from turkey - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | Campylobacter | 0 |
| | Meat from turkey - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 1 | Campylobacter, unspecified sp. | 1 |
| | Meat from turkey - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Meat from turkey - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Campylobacter | 0 |
| | Meat from turkey - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 1 | Campylobacter, unspecified sp. | 1 |
| | Meat from turkey - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 1 | Campylobacter, unspecified sp. | 1 |
| | Meat from turkey - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 1 | Campylobacter, unspecified sp. | 1 |
| | Meat from turkey - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Milk from other animal species or unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | Campylobacter, unspecified sp. | 1 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 131 | 3 | Campylobacter jejuni | 3 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 7 | 0 | Campylobacter | 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 | 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 | Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 1 | 1 | Campylobacter, unspecified sp. | 1 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 30 | 0 | Campylobacter | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | Campylobacter | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 118 | 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/feed) | 25 | Gram | 7 | 0 | Campylobacter | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 514 | 5 | Campylobacter jejuni | 5 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 16 | 0 | Campylobacter | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 50 | 0 | Campylobacter | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 24 | 0 | Campylobacter | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 135 | 4 | Campylobacter, unspecified sp. | 4 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Milk, cows' - raw milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Campylobacter | 0 |
| | Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | Campylobacter | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | Campylobacter | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 170 | 1 | Campylobacter, unspecified sp. | 1 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | Campylobacter | 0 |
| | Milk, cows' - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective 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 | Molluscan shellfish - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | Campylobacter | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | Campylobacter | 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 | 20 | 0 | Campylobacter | 0 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Campylobacter | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 35 | 1 | Campylobacter, unspecified sp. | 1 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Campylobacter | 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 | 16 | 1 | Campylobacter, unspecified sp. | 1 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Campylobacter | 0 |
| | Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Campylobacter | 0 |
| | Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Vegetables - bulb/ clove - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Campylobacter | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 9 | 0 | Campylobacter | 0 |
| | Water - potable water - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 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 | Alpacas - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | | Coxiella | 0 |
| | Antelopes - wild - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | | Coxiella | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 8 | 0 | | Coxiella | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | | Coxiella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 520 | 0 | | Coxiella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 154 | 0 | | Coxiella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | | Coxiella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 830 | 0 | | Coxiella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | | Coxiella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 374 | 0 | | Coxiella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | herd/flock | 8 | 2 | 0 | Coxiella burnetii | 2 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | 0 | Coxiella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 7 | 0 | 0 | Coxiella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 15 | 2 | | Coxiella spp., unspecified | 2 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 52 | 0 | 0 | Coxiella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 13 | 1 | 0 | Coxiella spp., unspecified | 1 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 40 | 3 | 0 | Coxiella burnetii | 3 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 70 | 0 | | Coxiella | 0 |
| | | herd/flock | 28 | 3 | 0 | Coxiella burnetii | 3 |
| | | holding | 8 | 0 | 0 | Coxiella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 4 | 2 | 0 | Coxiella burnetii | 2 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 2 | 0 | | Coxiella | 0 |
| | | herd/flock | 43 | 3 | 0 | Coxiella burnetii | 3 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | 2 | 2 | 0 | Coxiella burnetii | 2 |
| | Cattle (bovine animals) - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 19 | 0 | | Coxiella | 0 |
| | Cattle (bovine animals) - Unspecified - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 702 | 0 | | Coxiella | 0 |
| | Cattle (bovine animals) - Unspecified - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 21 | 0 | | Coxiella | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 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 | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 83 | 5 | | Coxiella burnetii | 5 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | | Coxiella | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 1 | | Coxiella spp., unspecified | 1 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | | Coxiella | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | | Coxiella | 0 |
| | Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | | Coxiella | 0 |
| | Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | | Coxiella | 0 |
| | Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 6 | 0 | | Coxiella | 0 |
| | Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 9 | 0 | | Coxiella | 0 |
| | Goats - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 37 | 0 | | Coxiella | 0 |
| | Goats - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | herd/flock | 5 | 0 | 0 | Coxiella | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | | Coxiella | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 23 | 1 | 0 | Coxiella spp., unspecified | 1 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 10 | 3 | | Coxiella spp., unspecified | 3 |
| | | herd/flock | 11 | 0 | 0 | Coxiella | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 7 | 0 | 0 | Coxiella | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 22 | 1 | | Coxiella burnetii | 1 |
| | | herd/flock | 4 | 1 | 0 | Coxiella burnetii | 1 |
| | | holding | 5 | 0 | 0 | Coxiella | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling | animal | 243 | 153 | | Coxiella spp., unspecified | 153 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 1 | 0 | 0 | Coxiella | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | | Coxiella | 0 |
| | | herd/flock | 4 | 2 | 0 | Coxiella burnetii | 2 |
| | Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | | Coxiella | 0 |
| | Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 11 | 0 | | Coxiella | 0 |
| | Pigs - breeding animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 1 | 0 | Coxiella burnetii | 1 |
| | Pigs - fattening pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | 0 | Coxiella | 0 |
| | Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 13 | 0 | | Coxiella | 0 |
| | Sheep - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 7 | 0 | | Coxiella | 0 |
| | Sheep - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 2 | 0 | | Coxiella | 0 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 104 | 17 | 0 | Coxiella burnetii | 17 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 224 | 39 | | Coxiella spp., unspecified | 39 |
| | | herd/flock | 77 | 9 | 0 | Coxiella spp., unspecified | 9 |

| 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 - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 52 | 8 | 0 | Coxiella burnetii | 8 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 10 | 0 | | Coxiella | 0 |
| | | herd/flock | 31 | 4 | 0 | Coxiella burnetii | 3 |
| | | | | | | Coxiella spp., unspecified | 1 |
| | | holding | 10 | 0 | 0 | Coxiella | 0 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling | animal | 571 | 135 | | Coxiella spp., unspecified | 135 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 20 | 1 | 0 | Coxiella burnetii | 1 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 1 | 0 | 0 | Coxiella | 0 |
| | Sheep - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | | Coxiella | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | 0 | Coxiella | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 4 | 0 | | Coxiella | 0 |
| | | herd/flock | 1 | 0 | 0 | Coxiella | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 0 | 0 | Coxiella | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | | Coxiella | 0 |
| | | herd/flock | 3 | 0 | 0 | Coxiella | 0 |
| | Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 115 | 2 | | Coxiella burnetii | 2 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 4 | 0 | 0 | Coxiella | 0 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 341 | 19 | | Coxiella spp., unspecified | 19 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling | animal | 5 | 0 | | Coxiella | 0 |
| | Wild boars - farmed - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 2 | 0 | 0 | Coxiella | 0 |
| | Wild boars - farmed - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 4 | 0 | | Coxiella | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 27 | 0 | | Coxiella | 0 |
| | Wild boars - wild - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 3 | 0 | | Coxiella | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 6 | 0 | | Coxiella | 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 | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 9 | 9 | Echinococcus granulosus complex | 9 |
| | Cattle (bovine animals) - breeding bulls - Farm - Italy - animal sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 2 | 2 | Echinococcus, unspecified sp. | 2 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 3 | 2 | Echinococcus, unspecified sp. | 2 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | 1 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - Farm - Italy - environmental sample - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - heifers - breeding (1-2 years) - Farm - Italy - animal sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - calves (under 1 year) - Farm - Italy - animal sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - calves (under 1 year) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 3129 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - meat production animals - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - Farm - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - fattening cows - Farm - Italy - environmental sample - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - fattening cows - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 1147 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - meat production animals - fattening steers - Farm - Italy - animal sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - fattening steers - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - fattening steers - Farm - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 2882 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - meat production animals - suckler cows - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | holding | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - suckler cows - Farm - Italy - environmental sample - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | holding | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - suckler cows - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 103 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - meat production animals - young cattle (1-2 years) - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 827087 | 3239 | Echinococcus granulosus complex | 73 |
| | | | | | Echinococcus, unspecified sp. | 3,166 |

| 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) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | slaughter animal batch | 28051 | 1484 | Echinococcus, unspecified sp. | 1,484 |
| | Cattle (bovine animals) - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 977 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - young cattle (1-2 years) - Farm - Italy - animal sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 83 | 0 | Echinococcus | 0 |
| | Deer - wild - fallow deer - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 139 | 0 | Echinococcus | 0 |
| | Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 152 | 0 | Echinococcus | 0 |
| | Deer - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 3 | 0 | Echinococcus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 5 | 0 | Echinococcus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 8 | 5 | Echinococcus, unspecified sp. | 5 |
| | Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Census | animal | 3 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 44 | 0 | Echinococcus | 0 |
| | Goats - animals over 1 year - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - animals under 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 461 | 0 | Echinococcus | 0 |
| | Goats - animals under 1 year - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - meat production animals - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - milk goats - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - mixed herds - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 27203 | 65 | Echinococcus granulosus complex | 22 |
| | | | | | Echinococcus, unspecified sp. | 43 |
| | | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | slaughter animal batch | 9849 | 696 | Echinococcus, unspecified sp. | 696 |
| | Goats - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | 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 | 137 | 0 | Echinococcus | 0 |
| | Pigs - breeding animals - unspecified - piglets - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 87 | 0 | Echinococcus | 0 |
| | Pigs - breeding animals - unspecified - piglets - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 6 | 0 | Echinococcus | 0 |
| | Pigs - breeding animals - unspecified - sows - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 196 | 0 | Echinococcus | 0 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 17 | 16 | Echinococcus, unspecified sp. | 16 |

| 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 - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 122 | 0 | Echinococcus | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 9958 | 0 | Echinococcus | 0 |
| | Pigs - fattening pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 317723 | 0 | Echinococcus | 0 |
| | Pigs - fattening pigs - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 101 | 0 | Echinococcus | 0 |
| | Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 4406176 | 337 | Echinococcus granulosus complex | 11 |
| | | | | | Echinococcus, unspecified sp. | 326 |
| | | slaughter animal batch | 103591 | 54 | Echinococcus, unspecified sp. | 54 |
| | Sheep - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 41 | 0 | Echinococcus | 0 |
| | Sheep - animals over 1 year - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 26 | 0 | Echinococcus | 0 |
| | Sheep - animals under 1 year (lambs) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 381 | 0 | Echinococcus | 0 |
| | Sheep - animals under 1 year (lambs) - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 55 | 0 | Echinococcus | 0 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | herd/flock | 85 | 70 | Echinococcus, unspecified sp. | 70 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 3 | 3 | Echinococcus, unspecified sp. | 3 |
| | Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | 2 | 1 | Echinococcus, unspecified sp. | 1 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 224553 | 1265 | Echinococcus granulosus complex | 288 |
| | | | | | Echinococcus, unspecified sp. | 977 |
| | | slaughter animal batch | 100574 | 41489 | Echinococcus, unspecified sp. | 41,489 |
| | Sheep - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | animal | 29637 | 54 | Echinococcus, unspecified sp. | 54 |
| | Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 4783 | 3 | Echinococcus, unspecified sp. | 3 |
| | | slaughter animal batch | 498 | 0 | Echinococcus | 0 |
| | Water buffalos - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 26782 | 26 | Echinococcus, unspecified sp. | 26 |
| | Water buffalos - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 1 | 0 | Echinococcus | 0 |
| | Wild boars - farmed - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Wild boars - farmed - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 43 | 0 | Echinococcus | 0 |
| | Wild boars - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 7989 | 0 | Echinococcus | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 7 | 5 | Echinococcus, unspecified sp. | 5 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 2 | 1 | Echinococcus, unspecified sp. | 1 |
| | Wild boars - wild - Natural habitat - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 1 | Echinococcus granulosus complex | 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 | Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 26134 | 95 | Echinococcus granulosus complex | 95 |
| Piemonte | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 31 | 31 | Echinococcus granulosus complex | 31 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 5 | 5 | Echinococcus granulosus complex | 5 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 62 | 62 | Echinococcus granulosus complex | 62 |
| Liguria | Cattle (bovine animals) - meat production animals - calves (under 1 year) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 480 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - meat production animals - fattening cows - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 1147 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 2882 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - meat production animals - suckler cows - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 103 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 486 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 977 | 0 | Echinococcus | 0 |
| | Goats - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 44 | 0 | Echinococcus | 0 |
| | Goats - animals under 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 461 | 0 | Echinococcus | 0 |
| | Goats - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 137 | 0 | Echinococcus | 0 |
| | Pigs - breeding animals - unspecified - piglets - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 87 | 0 | Echinococcus | 0 |
| | Pigs - breeding animals - unspecified - piglets - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 6 | 0 | Echinococcus | 0 |
| | Pigs - breeding animals - unspecified - sows - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 18 | 0 | Echinococcus | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 122 | 0 | Echinococcus | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 14 | 0 | Echinococcus | 0 |
| | Pigs - fattening pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 891 | 0 | Echinococcus | 0 |
| | Pigs - fattening pigs - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 101 | 0 | Echinococcus | 0 |
| | Sheep - animals over 1 year - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 41 | 0 | Echinococcus | 0 |
| | Sheep - animals over 1 year - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 26 | 0 | Echinococcus | 0 |
| | Sheep - animals under 1 year (lambs) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 381 | 0 | Echinococcus | 0 |
| | Sheep - animals under 1 year (lambs) - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 55 | 0 | Echinococcus | 0 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 5 | 0 | Echinococcus | 0 |
| | Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 1 | 0 | Echinococcus | 0 |
| | Water buffalos - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | slaughter animal batch | 1 | 0 | Echinococcus | 0 |
| | Wild boars - farmed - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 43 | 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 |
|---|---|---|---|---|---|---|
| Lombardia | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 633922 | 1767 | Echinococcus granulosus complex | 5 |
| | | | | | Echinococcus, unspecified sp. | 1,762 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 15590 | 2 | Echinococcus granulosus complex | 2 |
| | Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 4216525 | 308 | Echinococcus, unspecified sp. | 308 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 34421 | 18 | Echinococcus granulosus complex | 16 |
| | | | | | Echinococcus, unspecified sp. | 2 |
| | Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 2855 | 0 | Echinococcus | 0 |
| | Wild boars - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 7989 | 0 | Echinococcus | 0 |
| Abruzzo | Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | 1 | 0 | Echinococcus | 0 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 3 | 3 | Echinococcus, unspecified sp. | 3 |
| | Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | 2 | 1 | Echinococcus, unspecified sp. | 1 |
| | Wild boars - farmed - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 7 | 5 | Echinococcus, unspecified sp. | 5 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 2 | 1 | Echinococcus, unspecified sp. | 1 |
| Molise | Wild boars - wild - Natural habitat - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 1 | Echinococcus granulosus complex | 1 |
| Campania | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 73747 | 378 | Echinococcus, unspecified sp. | 378 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 5568 | 39 | Echinococcus, unspecified sp. | 39 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 77012 | 716 | Echinococcus, unspecified sp. | 716 |
| | Water buffalos - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 26713 | 26 | Echinococcus, unspecified sp. | 26 |
| Puglia | Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 5 | 0 | Echinococcus | 0 |
| Basilicata | Cattle (bovine animals) - adult cattle over 2 years - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 9 | 9 | Echinococcus granulosus complex | 9 |
| | Cattle (bovine animals) - breeding bulls - Farm - Italy - animal sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - Farm - Italy - environmental sample - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - heifers - breeding (1-2 years) - Farm - Italy - animal sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - calves (under 1 year) - Farm - Italy - animal sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - Farm - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - fattening cows - Farm - Italy - environmental sample - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - fattening steers - Farm - Italy - animal sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - fattening steers - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - fattening steers - Farm - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 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 |
|---|---|---|---|---|---|---|
| Basilicata | Cattle (bovine animals) - meat production animals - suckler cows - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | holding | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - suckler cows - Farm - Italy - environmental sample - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | holding | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - meat production animals - young cattle (1-2 years) - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Cattle (bovine animals) - young cattle (1-2 years) - Farm - Italy - animal sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - animals over 1 year - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - animals under 1 year - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - meat production animals - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - milk goats - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - mixed herds - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | animal | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | herd/flock | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| | | holding | 1 | 1 | Echinococcus, unspecified sp. | 1 |
| Sardegna | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 2 | 2 | Echinococcus, unspecified sp. | 2 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 3 | 2 | Echinococcus, unspecified sp. | 2 |
| | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | slaughter animal batch | 28051 | 1484 | Echinococcus, unspecified sp. | 1,484 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 8 | 5 | Echinococcus, unspecified sp. | 5 |
| | Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Census | animal | 3 | 1 | Echinococcus, unspecified sp. | 1 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | slaughter animal batch | 3707 | 696 | Echinococcus, unspecified sp. | 696 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 17 | 16 | Echinococcus, unspecified sp. | 16 |
| | Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | slaughter animal batch | 103591 | 54 | Echinococcus, unspecified sp. | 54 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | herd/flock | 85 | 70 | Echinococcus, unspecified sp. | 70 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | slaughter animal batch | 84661 | 41489 | Echinococcus, unspecified sp. | 41,489 |

| 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 | Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | slaughter animal batch | 498 | 0 | Echinococcus | 0 |
| Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013) | Cattle (bovine animals) - meat production animals - calves (under 1 year) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 2649 | 0 | Echinococcus | 0 |
| | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 9299 | 0 | Echinococcus | 0 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | slaughter animal batch | 6142 | 0 | Echinococcus | 0 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | slaughter animal batch | 15913 | 0 | Echinococcus | 0 |
| Friuli-Venezia Giulia (NUTS 2010-2013) | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 4138 | 0 | Echinococcus | 0 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 590 | 0 | Echinococcus | 0 |
| | Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 66099 | 0 | Echinococcus | 0 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 1642 | 0 | Echinococcus | 0 |
| | Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 257 | 0 | Echinococcus | 0 |
| Toscana (NUTS 2010-2013) | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 39527 | 0 | Echinococcus | 0 |
| | Deer - wild - fallow deer - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 139 | 0 | Echinococcus | 0 |
| | Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 152 | 0 | Echinococcus | 0 |
| | Deer - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 3 | 0 | Echinococcus | 0 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 1364 | 0 | Echinococcus | 0 |
| | Pigs - fattening pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 240741 | 0 | Echinococcus | 0 |
| | Sheep - Slaughterhouse - Italy - environmental sample - Monitoring - Official sampling - Census | animal | 29637 | 54 | Echinococcus, unspecified sp. | 54 |
| | Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 232 | 0 | Echinococcus | 0 |
| | Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 3316 | 0 | Echinococcus | 0 |
| Umbria (NUTS 2010-2013) | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 3765 | 37 | Echinococcus granulosus complex | 37 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 343 | 15 | Echinococcus granulosus complex | 15 |
| | Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 53981 | 11 | Echinococcus granulosus complex | 11 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 9878 | 210 | Echinococcus granulosus complex | 210 |
| | Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 28 | 0 | Echinococcus | 0 |
| | Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 9618 | 95 | Echinococcus granulosus complex | 95 |
| Marche (NUTS 2010-2013) | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 17227 | 20 | Echinococcus, unspecified sp. | 20 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 559 | 0 | Echinococcus | 0 |
| | Pigs - breeding animals - unspecified - sows - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 178 | 0 | Echinococcus | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 9944 | 0 | Echinococcus | 0 |
| | Pigs - fattening pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 76091 | 0 | Echinococcus | 0 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 28957 | 17 | Echinococcus, unspecified sp. | 17 |
| | Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 78 | 0 | Echinococcus | 0 |
| | Water buffalos - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 69 | 0 | Echinococcus | 0 |
| | Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 13200 | 0 | Echinococcus | 0 |
| Lazio (NUTS 2010-2013) | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 44945 | 1006 | Echinococcus, unspecified sp. | 1,006 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 83 | 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 |
|---|---|---|---|---|---|---|
| Lazio (NUTS 2010-2013) | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 3183 | 3 | Echinococcus, unspecified sp. | 3 |
| | Pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 69571 | 18 | Echinococcus, unspecified sp. | 18 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 72576 | 242 | Echinococcus, unspecified sp. | 242 |
| | Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 1332 | 3 | Echinococcus, unspecified sp. | 3 |

## 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 | Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Bats - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 10 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Bats - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 5 | 1 | VTEC, unspecified | 1 |
| | Canary - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 9 | 3 | VTEC, unspecified | 3 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | | holding | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 144 | 13 | VTEC, unspecified | 13 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 2 | VTEC, unspecified | 2 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 46 | 2 | VTEC, unspecified | 2 |
| | | herd/flock | 9 | 1 | VTEC non-O157 | 1 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | | herd/flock | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 7 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 331 | 16 | VTEC, unspecified | 16 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | 27 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cattle (bovine animals) - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | 10 | 5 | VTEC, unspecified | 5 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 10 | 2 | VTEC, unspecified | 2 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 91 | 18 | VTEC, unspecified | 18 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dogs - pet animals - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 2 | 2 | VTEC non-O157 | 2 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 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 | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Giraffes - zoo animal - Zoo - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Goats - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Guinea pigs - pet animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Hares - wild - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Monkeys - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 6 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | | herd/flock | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Pigs - fattening pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Pigs - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Rabbits - farmed - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Sheep - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 20 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Steinbock - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 2 | 1 | VTEC, unspecified | 1 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 15 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 200 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |

## 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 - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 94 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | All foodstuffs - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 56 | 1 | VTEC, unspecified | 1 |
| | Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 30 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Beverages, non-alcoholic - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Beverages, non-alcoholic - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Beverages, non-alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 92 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 4 | 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/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses made from goats' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses made from goats' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 75 | 5 | VTEC O26 | 3 |
| | | | | | | | VTEC, unspecified | 2 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 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/feed) | 25 | Gram | 22 | 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/feed) | 25 | Gram | 8 | 2 | VTEC O26 | 2 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 77 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 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/feed) | 25 | Gram | 76 | 2 | VTEC, unspecified | 2 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 10 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 2 | VTEC O26 | 2 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 30 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 11 | 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/feed) | 25 | Gram | 9 | 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/feed) | 25 | Gram | 4 | 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/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 1 | VTEC, unspecified | 1 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 6 | 1 | VTEC, unspecified | 1 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 10 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 230 | 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 | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 16 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 26 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Eggs - table eggs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 27 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Fruits - products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 16 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Fruits - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Fruits - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Juice - fruit juice - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 | Juice - fruit juice - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from bovine animals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 29 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 24 | 1 | VTEC, unspecified | 1 |
| | Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from bovine animals - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 15 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 4 | VTEC, unspecified | 4 |
| | Meat from bovine animals - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 30 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 16 | 1 | VTEC, unspecified | 1 |
| | Meat from bovine animals - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 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/feed) | 25 | Gram | 6 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from broilers (Gallus gallus) - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 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/feed) | 25 | Gram | 8 | 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/feed) | 25 | Gram | 10 | 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/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 27 | 3 | VTEC other than O157 O26 O103 O111 O145 | 3 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 8 | 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/feed) | 25 | Gram | 80 | 1 | VTEC, unspecified | 1 |
| | Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 - Not specified | single (food/feed) | 25 | Gram | 4 | 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/feed) | 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/feed) | 25 | Gram | 53 | 2 | VTEC, unspecified | 2 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 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/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 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 | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 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/feed) | 25 | Gram | 15 | 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/feed) | 25 | Gram | 3 | 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/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 59 | 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/feed) | 25 | Gram | 15 | 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/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 14 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - mechanically separated meat (MSM) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 5 | 1 | VTEC, unspecified | 1 |
| | Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 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 - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 2 | VTEC other than O157 O26 O103 O111 O145 | 2 |
| | Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 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/feed) | 25 | Gram | 14 | 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/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 7 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - minced meat - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 54 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 25 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 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 pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 31 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from pig - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from sheep - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from sheep - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from sheep - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from turkey - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from turkey - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Meat from wild game - land mammals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk from other animal species or unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 27 | 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/feed) | 25 | Gram | 55 | 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/feed) | 25 | Gram | 10 | 0 | Verocytotoxigenic E. coli (VTEC) | 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 | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 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 | 9 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk from other animal species or unspecified - raw milk - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 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) | 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 | 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) | 25 | Gram | 7 | 0 | Verocytotoxigenic E. coli (VTEC) | 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) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 8 | 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/feed) | 25 | Gram | 1 | 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/feed) | 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 - Suspect sampling | single (food/feed) | 25 | Gram | 6 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 50 | 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/feed) | 25 | Gram | 56 | 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/feed) | 25 | Gram | 64 | 2 | VTEC, unspecified | 2 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 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/feed) | 25 | Gram | 51 | 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/feed) | 25 | Gram | 11 | 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/feed) | 25 | Gram | 8 | 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/feed) | 25 | Gram | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 41 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 159 | 1 | VTEC, unspecified | 1 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 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 - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 27 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 27 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk from other animal species or unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk, cows' - raw milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk, cows' - raw milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 24 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 127 | 5 | VTEC other than O157 O26 O103 O111 O145 | 1 |
| | | | | | | | VTEC, unspecified | 4 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk, cows' - raw milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk, cows' - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk, cows' - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Milk, goats' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 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 | Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 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/feed) | 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/feed) | 25 | Gram | 5 | 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/feed) | 25 | Gram | 11 | 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/feed) | 25 | Gram | 693 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 8 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 252 | 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/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 6 | 0 | Verocytotoxigenic E. coli (VTEC) | 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 | 4 | 0 | Verocytotoxigenic E. coli (VTEC) | 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 | 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/feed) | 25 | Gram | 17 | 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/feed) | 25 | Gram | 16 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Spices and herbs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Spices and herbs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 | Spices and herbs - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - bulb/ clove - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 128 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - Retail - Italy - environmental sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 167 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 6 | 0 | Verocytotoxigenic E. coli (VTEC) | 0 |
| | Vegetables - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 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 | Vaccination status | 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 | Unknown | 368 | 4 | West Nile virus | 4 |
| | Corvids, unspecified - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | Flavivirus | 0 |
| | Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2956 | 23 | West Nile virus | 23 |
| | Doves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 5 | 0 | Flavivirus | 0 |
| | Falcons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | Flavivirus | 0 |
| | Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling | herd/flock | Unknown | 198 | 0 | Flavivirus | 0 |
| | Geese - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | Flavivirus | 0 |
| | Gulls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | Flavivirus | 0 |
| | Jays - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 393 | 3 | West Nile virus | 3 |
| | Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1103 | 38 | West Nile virus | 38 |
| | Night herons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | Flavivirus | 0 |
| | Owls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 16 | 0 | Flavivirus | 0 |
| | Pheasants - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | Flavivirus | 0 |
| | Pigeons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 19 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 386 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling | animal | Unknown | 1 | 1 | West Nile virus | 1 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 6397 | 28 | West Nile virus | 28 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling | animal | Unknown | 490 | 22 | West Nile virus | 22 |
| | Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 70 | 0 | Flavivirus | 0 |
| | Swans - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | Flavivirus | 0 |
| Piemonte | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 263 | 1 | West Nile virus | 1 |
| | Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 589 | 5 | West Nile virus | 5 |
| | Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling | herd/flock | Unknown | 3 | 0 | Flavivirus | 0 |
| | Owls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 13 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling | animal | Unknown | 17 | 1 | West Nile virus | 1 |
| Valle d'Aosta/Vallée d'Aoste (NUTS level 2) | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 3 | 0 | Flavivirus | 0 |
| | Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 27 | 0 | Flavivirus | 0 |
| | Jays - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 60 | 0 | Flavivirus | 0 |
| | Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 17 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 63 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 3 | 0 | Flavivirus | 0 |
| Liguria | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 14 | 0 | Flavivirus | 0 |

| Area of Sampling | Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy | Sampling unit | Vaccination status | Total units tested | Total units positive | Zoonoses | | N of units positive |
|---|---|---|---|---|---|---|---|---|
| Liguria | Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 17 | 0 | | Flavivirus | 0 |
| | Jays - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 7 | 0 | | Flavivirus | 0 |
| | Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 6 | 0 | | Flavivirus | 0 |
| | Owls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 21 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 112 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling | animal | Unknown | 6 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 5 | 0 | | Flavivirus | 0 |
| Lombardia | Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1288 | 1 | | West Nile virus | 1 |
| | Jays - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 31 | 1 | | West Nile virus | 1 |
| | Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 243 | 3 | | West Nile virus | 3 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 19 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 143 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling | animal | Unknown | 52 | 3 | | West Nile virus | 3 |
| Abruzzo | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 8 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 145 | 0 | | Flavivirus | 0 |
| Molise | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 5 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 119 | 0 | | Flavivirus | 0 |
| Campania | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | | Flavivirus | 0 |
| | Doves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 4 | 0 | | Flavivirus | 0 |
| | Pheasants - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 25 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 577 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 36 | 0 | | Flavivirus | 0 |
| | Swans - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | | Flavivirus | 0 |
| Puglia | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 15 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 420 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling | animal | Unknown | 2 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | | Flavivirus | 0 |
| Basilicata | Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 11 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 309 | 0 | | Flavivirus | 0 |

| Area of Sampling | Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy | Sampling unit | Vaccination status | Total units tested | Total units positive | Zoonoses | | N of units positive |
|---|---|---|---|---|---|---|---|---|
| Basilicata | Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | | Flavivirus | 0 |
| Calabria | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 9 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 116 | 0 | | Flavivirus | 0 |
| Sicilia | Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling | herd/flock | Unknown | 194 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 6 | 0 | | Flavivirus | 0 |
| Sardegna | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 59 | 3 | | West Nile virus | 3 |
| | Corvids, unspecified - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | | Flavivirus | 0 |
| | Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 678 | 1 | | West Nile virus | 1 |
| | Doves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | | Flavivirus | 0 |
| | Falcons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | | Flavivirus | 0 |
| | Gulls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | | Flavivirus | 0 |
| | Owls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | | Flavivirus | 0 |
| | Pigeons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 19 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling | animal | Unknown | 1 | 1 | | West Nile virus | 1 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling | animal | Unknown | 2 | 0 | | Flavivirus | 0 |
| Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013) | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 162 | 0 | | Flavivirus | 0 |
| Provincia Autonoma di Trento (NUTS 2010-2013) | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 8 | 0 | | Flavivirus | 0 |
| | Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | | Flavivirus | 0 |
| | Night herons - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 157 | 0 | | Flavivirus | 0 |
| Veneto (NUTS 2010-2013) | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 84 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2134 | 17 | | West Nile virus | 17 |
| Friuli-Venezia Giulia (NUTS 2010-2013) | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 3 | 0 | | Flavivirus | 0 |
| | Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 17 | 0 | | Flavivirus | 0 |
| | Geese - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | | Flavivirus | 0 |
| | Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 10 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 49 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 348 | 0 | | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling | animal | Unknown | 3 | 0 | | Flavivirus | 0 |

| Area of Sampling | Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy | Sampling unit | Vaccination status | Total units tested | Total units positive | Zoonoses | N of units positive |
|---|---|---|---|---|---|---|---|
| Emilia-Romagna (NUTS 2010-2013) | Crows - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 337 | 16 | West Nile virus | 16 |
| | Jays - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 295 | 2 | West Nile virus | 2 |
| | Magpies - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 843 | 35 | West Nile virus | 35 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling | animal | Unknown | 75 | 7 | West Nile virus | 7 |
| Toscana (NUTS 2010-2013) | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 8 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 61 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 531 | 9 | West Nile virus | 9 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Suspect sampling | animal | Unknown | 333 | 11 | West Nile virus | 11 |
| | Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 2 | 0 | Flavivirus | 0 |
| Umbria (NUTS 2010-2013) | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 6 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 129 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 6 | 0 | Flavivirus | 0 |
| Marche (NUTS 2010-2013) | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 6 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 231 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 3 | 0 | Flavivirus | 0 |
| Lazio (NUTS 2010-2013) | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 7 | 0 | Flavivirus | 0 |
| | Gallus gallus (fowl) - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Objective sampling | herd/flock | Unknown | 1 | 0 | Flavivirus | 0 |
| | Owls - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 1 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 50 | 0 | Flavivirus | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 693 | 2 | West Nile virus | 2 |
| | Solipeds, domestic - mule - Farm - Italy - animal sample - Monitoring - Official sampling - Objective sampling | animal | Unknown | 13 | 0 | Flavivirus | 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 | All foodstuffs - 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 - 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 |
| | Egg products - 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 - cooked - 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 |
| | Fish - marinated - 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 |
| | 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 - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 9 | 0 | <= 100 | Histamine | 9 | 0 |
| | | | | | | | > 400 | Histamine | 9 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 9 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 9 | 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/feed) | 10 | Gram | 71 | 6 | <= 100 | Histamine | 71 | 1 |
| | | | | | | | > 400 | Histamine | 71 | 1 |
| | | | | | | | >100 TO <= 200 | Histamine | 71 | 3 |
| | | | | | | | >200 TO <= 400 | Histamine | 71 | 1 |
| | Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 21 | 0 | <= 100 | Histamine | 21 | 0 |
| | | | | | | | > 400 | Histamine | 21 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 21 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 21 | 0 |
| | Fish - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 19 | 0 | <= 100 | Histamine | 19 | 0 |
| | | | | | | | > 400 | Histamine | 19 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 19 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 19 | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 158 | 30 | <= 100 | Histamine | 158 | 3 |
| | | | | | | | > 400 | Histamine | 158 | 21 |
| | | | | | | | >100 TO <= 200 | Histamine | 158 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 158 | 6 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 10 | Gram | 5 | 3 | <= 100 | Histamine | 5 | 0 |
| | | | | | | | > 400 | Histamine | 5 | 3 |
| | | | | | | | >100 TO <= 200 | Histamine | 5 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 5 | 0 |
| | Fish (food) - Catering - Italy - food sample - Unspecified - HACCP and own check - 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 (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 209 | 6 | <= 100 | Histamine | 209 | 0 |
| | | | | | | | > 400 | Histamine | 209 | 5 |
| | | | | | | | >100 TO <= 200 | Histamine | 209 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 209 | 1 |
| | Fish (food) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 10 | Gram | 27 | 0 | <= 100 | Histamine | 27 | 0 |
| | | | | | | | > 400 | Histamine | 27 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 27 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 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 | Fish (food) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 10 | Gram | 6 | 1 | <= 100 | Histamine | 6 | 0 |
| | | | | | | | > 400 | Histamine | 6 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 6 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 6 | 1 |
| | Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 314 | 8 | <= 100 | Histamine | 314 | 0 |
| | | | | | | | > 400 | Histamine | 314 | 6 |
| | | | | | | | >100 TO <= 200 | Histamine | 314 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 314 | 2 |
| | Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 10 | Gram | 7 | 3 | <= 100 | Histamine | 7 | 0 |
| | | | | | | | > 400 | Histamine | 7 | 2 |
| | | | | | | | >100 TO <= 200 | Histamine | 7 | 1 |
| | | | | | | | >200 TO <= 400 | Histamine | 7 | 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 | 14 | 0 | <= 100 | Histamine | 14 | 0 |
| | | | | | | | > 400 | Histamine | 14 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 14 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 14 | 0 |
| | Fish (food) - Wholesale - 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 |
| | Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 48 | 2 | <= 100 | Histamine | 48 | 0 |
| | | | | | | | > 400 | Histamine | 48 | 2 |
| | | | | | | | >100 TO <= 200 | Histamine | 48 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 48 | 0 |
| | Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect 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 |

| 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 - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 522 | 13 | <= 100 | Histamine | 522 | 5 |
| | | | | | | | > 400 | Histamine | 522 | 3 |
| | | | | | | | >100 TO <= 200 | Histamine | 522 | 2 |
| | | | | | | | >200 TO <= 400 | Histamine | 522 | 3 |
| | Fishery products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 10 | Gram | 10 | 0 | <= 100 | Histamine | 10 | 0 |
| | | | | | | | > 400 | Histamine | 10 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 10 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 10 | 0 |
| | Fishery products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 10 | Gram | 21 | 0 | <= 100 | Histamine | 21 | 0 |
| | | | | | | | > 400 | Histamine | 21 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 21 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 21 | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 675 | 5 | <= 100 | Histamine | 675 | 0 |
| | | | | | | | > 400 | Histamine | 675 | 2 |
| | | | | | | | >100 TO <= 200 | Histamine | 675 | 1 |
| | | | | | | | >200 TO <= 400 | Histamine | 675 | 2 |
| | Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | 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 |
| | Fishery products, unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 10 | Gram | 36 | 0 | <= 100 | Histamine | 36 | 0 |
| | | | | | | | > 400 | Histamine | 36 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 36 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 36 | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 10 | Gram | 28 | 0 | <= 100 | Histamine | 28 | 0 |
| | | | | | | | > 400 | Histamine | 28 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 28 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 28 | 0 |
| | Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 38 | 0 | <= 100 | Histamine | 38 | 0 |
| | | | | | | | > 400 | Histamine | 38 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 38 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 38 | 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 - 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 |
| | Meat from other animal species or not specified - offal - Processing plant - 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 |
| | Meat from other animal species or not specified - offal - Wholesale - 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 |
| | Molluscan shellfish - 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 |
| | Molluscan shellfish - Processing plant - 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 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 8 | 2 | <= 100 | Histamine | 8 | 0 |
| | | | | | | | > 400 | Histamine | 8 | 1 |
| | | | | | | | >100 TO <= 200 | Histamine | 8 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 8 | 1 |
| | Other processed food products and prepared dishes - 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 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 5 | 0 | <= 100 | Histamine | 5 | 0 |
| | | | | | | | > 400 | Histamine | 5 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 5 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 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 | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 10 | Gram | 13 | 0 | <= 100 | Histamine | 13 | 0 |
| | | | | | | | > 400 | Histamine | 13 | 0 |
| | | | | | | | >100 TO <= 200 | Histamine | 13 | 0 |
| | | | | | | | >200 TO <= 400 | Histamine | 13 | 0 |
| | Other processed food products and prepared dishes - unspecified - Wholesale - 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 - 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 |

## 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 - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | Listeria | 0 |
| | Alpacas - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Listeria | 0 |
| | | herd/flock | 1 | 0 | Listeria | 0 |
| | Cantabrian chamois - wild - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 8 | 0 | Listeria | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Listeria | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 6 | 0 | Listeria | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Listeria | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Listeria | 0 |
| | | holding | 4 | 2 | Listeria ivanovii | 2 |
| | | | | | Listeria spp., unspecified | 2 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 62 | 0 | Listeria | 0 |
| | | holding | 9 | 0 | Listeria | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 78 | 2 | Listeria monocytogenes | 2 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 9 | 0 | Listeria | 0 |
| | | herd/flock | 2 | 0 | Listeria | 0 |
| | Corvids, unspecified - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Listeria | 0 |
| | Deer - wild - fallow deer - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Listeria | 0 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Listeria | 0 |
| | Deer - wild - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Listeria | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 2 | 0 | Listeria | 0 |
| | Deer - wild - roe deer - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Listeria | 0 |
| | Deer - wild - roe deer - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 4 | 0 | Listeria | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Listeria | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Listeria | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 4 | 0 | Listeria | 0 |
| | Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Listeria | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 14 | 0 | Listeria | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Listeria | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | Listeria | 0 |
| | Gallus gallus (fowl) - broilers - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Listeria | 0 |
| | Giraffes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Listeria | 0 |
| | Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Listeria | 0 |
| | | holding | 4 | 0 | Listeria | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 28 | 1 | Listeria spp., unspecified | 1 |
| | | holding | 9 | 2 | Listeria ivanovii | 1 |
| | | | | | Listeria seeligeri | 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 | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 42 | 1 | Listeria monocytogenes | 1 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 29 | 0 | Listeria | 0 |
| | Goats - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 0 | Listeria | 0 |
| | Mouflons - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Listeria | 0 |
| | Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Listeria | 0 |
| | Pigs - breeding animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Listeria | 0 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 0 | Listeria | 0 |
| | | holding | 3 | 0 | Listeria | 0 |
| | Pigs - fattening pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 0 | Listeria | 0 |
| | Rabbits - farmed - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Listeria | 0 |
| | Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | holding | 9 | 0 | Listeria | 0 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 102 | 6 | Listeria spp., unspecified | 6 |
| | | holding | 13 | 0 | Listeria | 0 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 30 | 1 | Listeria monocytogenes | 1 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 6 | 0 | Listeria | 0 |
| | | herd/flock | 3 | 0 | Listeria | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 4 | 0 | Listeria | 0 |
| | | herd/flock | 1 | 0 | Listeria | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Listeria | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 13 | 1 | Listeria monocytogenes | 1 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 1 | 0 | Listeria | 0 |
| | Solipeds, domestic - horses - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Listeria | 0 |
| | Solipeds, domestic - horses - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Listeria | 0 |
| | Steinbock - wild - Conservation facilities - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 4 | 0 | Listeria | 0 |
| | Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 3 | 0 | Listeria | 0 |
| | Turkeys - meat production flocks - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Listeria | 0 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 3 | 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) | 25 | Gram | 108 | 0 | <= 100 | Listeria monocytogenes | 15 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 15 | 0 |
| | All foodstuffs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 108 | 0 | detection | Listeria monocytogenes | 108 | 0 |
| | All foodstuffs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 30 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | All foodstuffs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 30 | 0 | detection | Listeria monocytogenes | 30 | 0 |
| | All foodstuffs - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | All foodstuffs - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 4 | 0 |
| | All foodstuffs - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | All foodstuffs - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | All foodstuffs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 133 | 0 | <= 100 | Listeria monocytogenes | 13 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 13 | 0 |
| | All foodstuffs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 133 | 0 | detection | Listeria monocytogenes | 130 | 0 |
| | All foodstuffs - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 59 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | All foodstuffs - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 59 | 0 | detection | Listeria monocytogenes | 59 | 0 |
| | Bakery products - bread - 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 |
| | Bakery products - bread - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Bakery products - bread - Retail - Italy - environmental 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 |
| | Bakery products - bread - Retail - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 4 | 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 | Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Bakery products - cakes - 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 |
| | Bakery products - cakes - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Bakery products - desserts - containing heat-treated cream - 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 |
| | Bakery products - desserts - containing heat-treated cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Bakery products - desserts - containing heat-treated cream - Retail - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Bakery products - desserts - containing heat-treated cream - Retail - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 4 | 0 |
| | Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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) | 25 | Gram | 6 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | <= 100 | Listeria monocytogenes | 7 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 7 | 0 |
| | Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | detection | Listeria monocytogenes | 8 | 0 |
| | Bakery products - pastry - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 8 | 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/feed) | 25 | Gram | 8 | 0 | detection | Listeria monocytogenes | 8 | 0 |
| | Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 223 | 0 | <= 100 | Listeria monocytogenes | 47 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 47 | 0 |
| | Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 223 | 0 | detection | Listeria monocytogenes | 222 | 0 |
| | Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | <= 100 | Listeria monocytogenes | 4 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 4 | 0 |
| | Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Bakery products - pastry - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 73 | 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 - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 73 | 0 | detection | Listeria monocytogenes | 73 | 0 |
| | Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 45 | 0 | <= 100 | Listeria monocytogenes | 8 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 8 | 0 |
| | Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 45 | 0 | detection | Listeria monocytogenes | 38 | 0 |
| | Bakery products - pastry - Retail - 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 |
| | Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 4 | 0 |
| | Bakery products - pastry - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 41 | 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) | 25 | Gram | 41 | 0 | detection | Listeria monocytogenes | 41 | 0 |
| | Beverages, alcoholic - Retail - 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 |
| | Beverages, alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Beverages, non-alcoholic - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Beverages, non-alcoholic - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | detection | Listeria monocytogenes | 11 | 0 |
| | Beverages, non-alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 0 | <= 100 | Listeria monocytogenes | 6 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 6 | 0 |
| | Beverages, non-alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 0 | detection | Listeria monocytogenes | 16 | 0 |
| | Cereals and meals - Retail - 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 |
| | Cereals and meals - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Cheeses made from cows' milk - 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 |

| 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 - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 37 | 0 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 37 | 0 | detection | Listeria monocytogenes | 37 | 0 |
| | Cheeses made from cows' milk - 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 |
| | Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Cheeses made from cows' milk - hard - Catering - 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 |
| | Cheeses made from cows' milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 1 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 1 | detection | Listeria monocytogenes | 18 | 1 |
| | Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 41 | 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/feed) | 25 | Gram | 41 | 0 | detection | Listeria monocytogenes | 41 | 0 |
| | Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 40 | 0 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 40 | 0 | detection | Listeria monocytogenes | 38 | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 56 | 1 | <= 100 | Listeria monocytogenes | 26 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 26 | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 56 | 1 | detection | Listeria monocytogenes | 56 | 1 |
| | Cheeses made from cows' milk - 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 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4744 | 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 - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4744 | 0 | detection | Listeria monocytogenes | 4,744 | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 104 | 0 | <= 100 | Listeria monocytogenes | 25 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 25 | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 104 | 0 | detection | Listeria monocytogenes | 104 | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Cheeses made from cows' milk - Retail - 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 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - 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 |
| | Cheeses made from cows' milk - soft and semi-soft - made from raw or low heat-treated milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 52 | 0 | <= 100 | Listeria monocytogenes | 10 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 10 | 0 |
| | Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 52 | 0 | detection | Listeria monocytogenes | 52 | 0 |
| | Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 237 | 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/feed) | 25 | Gram | 237 | 0 | detection | Listeria monocytogenes | 237 | 0 |
| | Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 32 | 0 | <= 100 | Listeria monocytogenes | 10 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 10 | 0 |
| | Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 32 | 0 | detection | Listeria monocytogenes | 32 | 0 |
| | Cheeses made from cows' milk - soft and semi-soft - Retail - 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 |
| | Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Processing plant - 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 |

| 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 - unspecified - made from raw or low heat-treated milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Cheeses made from cows' milk - Wholesale - 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 |
| | Cheeses made from cows' milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Cheeses made from goats' milk - hard - 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 |
| | Cheeses made from goats' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Cheeses made from goats' milk - 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 |
| | Cheeses made from goats' milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses made from goats' milk - 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 |
| | Cheeses made from goats' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Cheeses made from goats' milk - Retail - 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 |
| | Cheeses made from goats' milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 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) | 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 - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 1 | <= 100 | Listeria monocytogenes | 6 | 1 |
| | | | | | | | >100 | Listeria monocytogenes | 6 | 0 |
| | Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 1 | detection | Listeria monocytogenes | 6 | 1 |
| | Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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 - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Cheeses made from sheep's milk - hard - 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 | Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Cheeses made from sheep's milk - hard - Retail - 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 |
| | Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses made from sheep's milk - hard - Retail - 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 |
| | Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses made from sheep's milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Cheeses made from sheep's milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | detection | Listeria monocytogenes | 15 | 0 |
| | Cheeses made from sheep's milk - 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 |
| | Cheeses made from sheep's milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | <= 100 | Listeria monocytogenes | 3 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 3 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | detection | Listeria monocytogenes | 11 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 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/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 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 | 20 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 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 | 20 | 0 | detection | Listeria monocytogenes | 20 | 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 | 18 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 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 | 18 | 0 | detection | Listeria monocytogenes | 17 | 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/feed) | 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 | Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - 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 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Catering - 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 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 27 | 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/feed) | 25 | Gram | 27 | 0 | detection | Listeria monocytogenes | 27 | 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/feed) | 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 - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 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 - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 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 - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | detection | Listeria monocytogenes | 8 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 14 | 0 | <= 100 | Listeria monocytogenes | 7 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 7 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 14 | 0 | detection | Listeria monocytogenes | 7 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Wholesale - 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 |

| 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 - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | <= 100 | Listeria monocytogenes | 4 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 4 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 4 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | detection | Listeria monocytogenes | 14 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | detection | Listeria monocytogenes | 6 | 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 | 2167 | 16 | <= 100 | Listeria monocytogenes | 427 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 427 | 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 | 2167 | 16 | detection | Listeria monocytogenes | 2,003 | 16 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 153 | 5 | <= 100 | Listeria monocytogenes | 70 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 70 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 153 | 5 | detection | Listeria monocytogenes | 83 | 5 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 12 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 12 | 0 | detection | Listeria monocytogenes | 12 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 180 | 0 | <= 100 | Listeria monocytogenes | 22 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 22 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 180 | 0 | detection | Listeria monocytogenes | 169 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 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 | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 681 | 10 | <= 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/feed) | 25 | Gram | 681 | 10 | detection | Listeria monocytogenes | 532 | 10 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 58 | 0 | <= 100 | Listeria monocytogenes | 29 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 29 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 58 | 0 | detection | Listeria monocytogenes | 29 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 26 | 0 | <= 100 | Listeria monocytogenes | 2 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 2 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 26 | 0 | detection | Listeria monocytogenes | 24 | 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/feed) | 25 | Gram | 10 | 1 | <= 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/feed) | 25 | Gram | 10 | 1 | detection | Listeria monocytogenes | 10 | 1 |
| | 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/feed) | 25 | Gram | 12 | 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/feed) | 25 | Gram | 12 | 0 | detection | Listeria monocytogenes | 12 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 32 | 1 | <= 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 - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 32 | 1 | detection | Listeria monocytogenes | 32 | 1 |
| | Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 6 | 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 - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | detection | Listeria monocytogenes | 6 | 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 | 89 | 1 | <= 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/feed) | 25 | Gram | 89 | 1 | detection | Listeria monocytogenes | 85 | 1 |
| | 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/feed) | 25 | Gram | 30 | 0 | <= 100 | Listeria monocytogenes | 15 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 15 | 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/feed) | 25 | Gram | 30 | 0 | detection | Listeria monocytogenes | 15 | 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/feed) | 25 | Gram | 20 | 0 | <= 100 | Listeria monocytogenes | 2 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 2 | 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/feed) | 25 | Gram | 20 | 0 | detection | Listeria monocytogenes | 18 | 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/feed) | 25 | Gram | 42 | 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 - Not specified | single (food/feed) | 25 | Gram | 42 | 0 | detection | Listeria monocytogenes | 42 | 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/feed) | 25 | Gram | 16 | 0 | <= 100 | Listeria monocytogenes | 8 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 8 | 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/feed) | 25 | Gram | 16 | 0 | detection | Listeria monocytogenes | 8 | 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/feed) | 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 - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | detection | Listeria monocytogenes | 11 | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Wholesale - 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 |
| | Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Chocolate - Retail - 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 |
| | Chocolate - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | detection | Listeria monocytogenes | 6 | 0 |
| | Cocoa and cocoa preparations, coffee and tea - Retail - 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 |
| | Cocoa and cocoa preparations, coffee and tea - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Coconut - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | <= 100 | Listeria monocytogenes | 9 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 9 | 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 | Coconut - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | detection | Listeria monocytogenes | 9 | 0 |
| | Crustaceans - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | <= 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 | 1 | 1 | detection | Listeria monocytogenes | 1 | 1 |
| | Crustaceans - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 16 | 0 | <= 100 | Listeria monocytogenes | 6 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 6 | 0 |
| | Crustaceans - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 16 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Crustaceans - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | <= 100 | Listeria monocytogenes | 4 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 4 | 0 |
| | Crustaceans - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Crustaceans - 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 |
| | Crustaceans - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Crustaceans - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 2 | <= 100 | Listeria monocytogenes | 11 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 11 | 0 |
| | Crustaceans - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 2 | detection | Listeria monocytogenes | 6 | 2 |
| | Crustaceans - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Crustaceans - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | detection | Listeria monocytogenes | 1 | 1 |
| | 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 | detection | Listeria monocytogenes | 1 | 0 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - environmental 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 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 79 | 1 | <= 100 | Listeria monocytogenes | 16 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 16 | 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/feed) | 25 | Gram | 79 | 1 | detection | Listeria monocytogenes | 77 | 1 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 11 | 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/feed) | 25 | Gram | 11 | 0 | detection | Listeria monocytogenes | 11 | 0 |
| | Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 36 | 1 | <= 100 | Listeria monocytogenes | 22 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 22 | 0 |
| | Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 36 | 1 | detection | Listeria monocytogenes | 20 | 1 |
| | Dairy products (excluding cheeses) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Dairy products (excluding cheeses) - 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) - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Dairy products (excluding cheeses) - cream - 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) - cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 21 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 21 | 0 | detection | Listeria monocytogenes | 21 | 0 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 729 | 0 | <= 100 | Listeria monocytogenes | 17 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 17 | 0 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 729 | 0 | detection | Listeria monocytogenes | 712 | 0 |
| | Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | detection | Listeria monocytogenes | 13 | 0 |
| | Dairy products (excluding cheeses) - cream - 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 |

| 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 - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Dairy products (excluding cheeses) - dairy desserts - Processing plant - 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 |
| | Dairy products (excluding cheeses) - dairy desserts - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | detection | Listeria monocytogenes | 15 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 6 | 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/feed) | 25 | Gram | 6 | 0 | detection | Listeria monocytogenes | 6 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 380 | 0 | <= 100 | Listeria monocytogenes | 180 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 180 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 380 | 0 | detection | Listeria monocytogenes | 376 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Processing plant - 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 |
| | Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 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/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 111 | 0 | <= 100 | Listeria monocytogenes | 23 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 23 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 111 | 0 | detection | Listeria monocytogenes | 98 | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 96 | 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 | Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 96 | 0 | detection | Listeria monocytogenes | 91 | 0 |
| | Dairy products (excluding cheeses) - milk powder and whey powder - 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) - milk powder and whey powder - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 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 - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | detection | Listeria monocytogenes | 11 | 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) | 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) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | detection | Listeria monocytogenes | 7 | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - environmental 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) - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 232 | 0 | <= 100 | Listeria monocytogenes | 45 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 45 | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 232 | 0 | detection | Listeria monocytogenes | 212 | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 88 | 0 | <= 100 | Listeria monocytogenes | 14 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 14 | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 88 | 0 | detection | Listeria monocytogenes | 74 | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 167 | 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/feed) | 25 | Gram | 167 | 0 | detection | Listeria monocytogenes | 146 | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 207 | 0 | <= 100 | Listeria monocytogenes | 207 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 207 | 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) - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 207 | 0 | detection | Listeria monocytogenes | 207 | 0 |
| | Dairy products (excluding cheeses) - 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 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Dairy products (excluding cheeses) - 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 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Dairy products (excluding cheeses) - yoghurt - 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) - yoghurt - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 4 | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | detection | Listeria monocytogenes | 12 | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 91 | 0 | <= 100 | Listeria monocytogenes | 4 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 4 | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 91 | 0 | detection | Listeria monocytogenes | 88 | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Retail - 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) - yoghurt - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 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 | Dairy products (excluding cheeses) - yoghurt - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Dairy products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 350 | 5 | <= 100 | Listeria monocytogenes | 5 | 5 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Dairy products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 350 | 5 | detection | Listeria monocytogenes | 350 | 5 |
| | Dairy products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 20 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Dairy products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 20 | 0 | detection | Listeria monocytogenes | 20 | 0 |
| | Dairy products, unspecified - 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, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Dairy products, unspecified - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 11 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Dairy products, unspecified - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 11 | 0 | detection | Listeria monocytogenes | 11 | 0 |
| | Dairy products, unspecified - Processing plant - Italy - environmental 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, unspecified - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 227 | 4 | <= 100 | Listeria monocytogenes | 223 | 3 |
| | | | | | | | >100 | Listeria monocytogenes | 223 | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 227 | 4 | detection | Listeria monocytogenes | 227 | 4 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 145 | 4 | <= 100 | Listeria monocytogenes | 4 | 4 |
| | | | | | | | >100 | Listeria monocytogenes | 4 | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 145 | 4 | detection | Listeria monocytogenes | 145 | 4 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 12 | 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 | Dairy products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | detection | Listeria monocytogenes | 7 | 0 |
| | Dairy products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 102 | 2 | <= 100 | Listeria monocytogenes | 101 | 2 |
| | | | | | | | >100 | Listeria monocytogenes | 101 | 0 |
| | Dairy products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 102 | 2 | detection | Listeria monocytogenes | 102 | 2 |
| | Dairy products, unspecified - 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 |
| | Dairy products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Egg products - 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 |
| | Egg products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Egg products - 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 |
| | Egg products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Egg products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 0 | <= 100 | Listeria monocytogenes | 4 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 4 | 0 |
| | Egg products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 0 | detection | Listeria monocytogenes | 18 | 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 | detection | Listeria monocytogenes | 2 | 0 |
| | Egg products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 24 | 0 | <= 100 | Listeria monocytogenes | 21 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 21 | 0 |
| | Egg products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 24 | 0 | detection | Listeria monocytogenes | 17 | 0 |
| | Egg products - Retail - 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 |
| | Egg products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Eggs - Processing plant - 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 |

| 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 | Eggs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Eggs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Eggs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Eggs - table eggs - white - Retail - 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 |
| | Eggs - table eggs - white - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Eggs - table eggs - yolk - Wholesale - 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 |
| | Eggs - table eggs - yolk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | 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 | 3 | 2 | <= 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 | 3 | 2 | detection | Listeria monocytogenes | 3 | 2 |
| | Fats and oils (excluding butter) - fats - 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 |
| | Fats and oils (excluding butter) - fats - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Fats and oils (excluding butter) - fats - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Fats and oils (excluding butter) - fats - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | detection | Listeria monocytogenes | 11 | 0 |
| | Fish - cooked - 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 |
| | Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Fish - cooked - Processing plant - 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 |
| | Fish - cooked - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | 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 |

| 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 - cooked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Fish - cooked - Retail - 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 |
| | Fish - cooked - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Fish - marinated - 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 |
| | Fish - marinated - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Fish - marinated - 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 - marinated - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 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 | detection | Listeria monocytogenes | 1 | 0 |
| | Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | <= 100 | Listeria monocytogenes | 3 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 3 | 0 |
| | Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | detection | Listeria monocytogenes | 13 | 0 |
| | Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 45 | 3 | <= 100 | Listeria monocytogenes | 22 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 22 | 0 |
| | Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 45 | 3 | detection | Listeria monocytogenes | 29 | 3 |
| | Fish - unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 6 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Fish - unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 6 | 0 | detection | Listeria monocytogenes | 6 | 0 |
| | Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 87 | 11 | <= 100 | Listeria monocytogenes | 62 | 4 |
| | | | | | | | >100 | Listeria monocytogenes | 62 | 0 |
| | Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 87 | 11 | detection | Listeria monocytogenes | 71 | 11 |
| | Fish - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 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 | Fish - unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Fish - unspecified - Wholesale - 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 |
| | Fish - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 45 | 4 | <= 100 | Listeria monocytogenes | 20 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 20 | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 45 | 4 | detection | Listeria monocytogenes | 44 | 4 |
| | Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 44 | 1 | <= 100 | Listeria monocytogenes | 22 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 22 | 0 |
| | Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 44 | 1 | detection | Listeria monocytogenes | 32 | 1 |
| | Fish (food) - 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 (food) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 176 | 16 | <= 100 | Listeria monocytogenes | 76 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 76 | 1 |
| | Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 176 | 16 | detection | Listeria monocytogenes | 125 | 15 |
| | Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Fish (food) - 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 |
| | Fish (food) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Fish (food) - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 2 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Fish (food) - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 2 | detection | Listeria monocytogenes | 4 | 2 |
| | Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 1 | <= 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 | Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 1 | detection | Listeria monocytogenes | 10 | 1 |
| | Fishery products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 53 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Fishery products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 53 | 0 | detection | Listeria monocytogenes | 53 | 0 |
| | Fishery products, unspecified - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Fishery products, unspecified - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | detection | Listeria monocytogenes | 9 | 0 |
| | Fishery products, unspecified - Processing plant - Italy - environmental 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 |
| | Fishery products, unspecified - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 113 | 8 | <= 100 | Listeria monocytogenes | 42 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 42 | 0 |
| | Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 113 | 8 | detection | Listeria monocytogenes | 93 | 8 |
| | Fishery products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 254 | 1 | <= 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/feed) | 25 | Gram | 254 | 1 | detection | Listeria monocytogenes | 254 | 1 |
| | Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 235 | 7 | <= 100 | Listeria monocytogenes | 57 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 57 | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 235 | 7 | detection | Listeria monocytogenes | 200 | 7 |
| | Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 56 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 56 | 0 | detection | Listeria monocytogenes | 56 | 0 |
| | Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 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 | Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 0 | detection | Listeria monocytogenes | 17 | 0 |
| | Fishery products, unspecified - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Fishery products, unspecified - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | 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/feed) | 25 | Gram | 45 | 0 | <= 100 | Listeria monocytogenes | 20 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 20 | 0 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 45 | 0 | detection | Listeria monocytogenes | 45 | 0 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - 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 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 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/feed) | 25 | Gram | 27 | 0 | <= 100 | Listeria monocytogenes | 12 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 12 | 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/feed) | 25 | Gram | 27 | 0 | detection | Listeria monocytogenes | 15 | 0 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - 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 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 37 | 0 | <= 100 | Listeria monocytogenes | 2 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 2 | 0 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 37 | 0 | detection | Listeria monocytogenes | 37 | 0 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Wholesale - 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 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | detection | 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/feed) | 25 | Gram | 20 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 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/feed) | 25 | Gram | 20 | 0 | detection | Listeria monocytogenes | 20 | 0 |
| | Fruits - 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 |

| 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 - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 75 | 0 | <= 100 | Listeria monocytogenes | 10 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 10 | 0 |
| | Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 75 | 0 | detection | Listeria monocytogenes | 75 | 0 |
| | Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Fruits - products - fruit purée - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Fruits - products - fruit purée - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Fruits - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Fruits - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | detection | Listeria monocytogenes | 11 | 0 |
| | Fruits - products - 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 |
| | Fruits - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 61 | 0 | <= 100 | Listeria monocytogenes | 17 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 17 | 0 |
| | Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 61 | 0 | detection | Listeria monocytogenes | 55 | 0 |
| | Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Fruits - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 26 | 0 | <= 100 | Listeria monocytogenes | 15 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 15 | 0 |
| | Fruits - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 26 | 0 | detection | Listeria monocytogenes | 21 | 0 |
| | Fruits and vegetables - products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | <= 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 and vegetables - products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | detection | Listeria monocytogenes | 1 | 1 |
| | Fruits and vegetables - products - 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 |
| | Fruits and vegetables - products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Fruits and vegetables - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 75 | 0 | <= 100 | Listeria monocytogenes | 10 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 10 | 0 |
| | Fruits and vegetables - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 75 | 0 | detection | Listeria monocytogenes | 75 | 0 |
| | Infant formula - liquid - Processing plant - 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 |
| | Infant formula - liquid - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Infant formula - liquid - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 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) | 25 | Gram | 20 | 0 | detection | Listeria monocytogenes | 20 | 0 |
| | Infant formula - liquid - Wholesale - 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 |
| | Infant formula - liquid - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Infant formula - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 56 | 0 | <= 100 | Listeria monocytogenes | 10 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 10 | 0 |
| | Infant formula - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 56 | 0 | detection | Listeria monocytogenes | 56 | 0 |
| | Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 152 | 0 | <= 100 | Listeria monocytogenes | 19 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 19 | 0 |
| | Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 152 | 0 | detection | Listeria monocytogenes | 144 | 0 |
| | Infant formula - Retail - 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 |
| | Infant formula - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Infant formula - Wholesale - 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 |

| 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 - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Juice - fruit juice - 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 |
| | Juice - fruit juice - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | <= 100 | Listeria monocytogenes | 10 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 10 | 0 |
| | Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | detection | Listeria monocytogenes | 15 | 0 |
| | Juice - fruit juice - Wholesale - 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 |
| | Juice - fruit juice - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Meat from bovine animals - fresh - 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 |
| | Meat from bovine animals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Meat from bovine animals - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 147 | 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/feed) | 25 | Gram | 147 | 0 | detection | Listeria monocytogenes | 147 | 0 |
| | Meat from bovine animals - fresh - 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 |
| | Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Meat from bovine animals - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | <= 100 | Listeria monocytogenes | 3 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 3 | 0 |
| | Meat from bovine animals - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 5 | <= 100 | Listeria monocytogenes | 16 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 16 | 0 |
| | Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 5 | detection | Listeria monocytogenes | 5 | 5 |
| | Meat from bovine animals - meat preparation - 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 |

| 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 preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 28 | 1 | <= 100 | Listeria monocytogenes | 18 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 18 | 0 |
| | Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 28 | 1 | detection | Listeria monocytogenes | 13 | 1 |
| | Meat from bovine animals - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 3 | 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) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from bovine animals - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | detection | Listeria monocytogenes | 8 | 0 |
| | Meat from bovine animals - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 23 | 0 | <= 100 | Listeria monocytogenes | 23 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 23 | 0 |
| | Meat from bovine animals - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 23 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 85 | 1 | <= 100 | Listeria monocytogenes | 81 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 81 | 0 |
| | Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 85 | 1 | detection | Listeria monocytogenes | 10 | 1 |
| | Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 19 | 1 | <= 100 | Listeria monocytogenes | 0 | 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/feed) | 25 | Gram | 19 | 1 | detection | Listeria monocytogenes | 19 | 1 |
| | Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 33 | 1 | <= 100 | Listeria monocytogenes | 24 | 1 |
| | | | | | | | >100 | Listeria monocytogenes | 24 | 0 |
| | Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 33 | 1 | detection | Listeria monocytogenes | 15 | 1 |
| | Meat from bovine animals - offal - Processing plant - 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 |
| | Meat from bovine animals - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 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 | Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | detection | Listeria monocytogenes | 15 | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 77 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 77 | 0 | detection | Listeria monocytogenes | 77 | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 8 | <= 100 | Listeria monocytogenes | 16 | 5 |
| | | | | | | | >100 | Listeria monocytogenes | 16 | 2 |
| | Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 8 | detection | Listeria monocytogenes | 14 | 6 |
| | Meat from broilers (Gallus gallus) - fresh - Retail - 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 broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | <= 100 | Listeria monocytogenes | 12 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 12 | 0 |
| | Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | <= 100 | Listeria monocytogenes | 12 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 12 | 0 |
| | Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | <= 100 | Listeria monocytogenes | 3 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 3 | 0 |
| | Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | detection | Listeria monocytogenes | 9 | 0 |
| | Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Meat from broilers (Gallus gallus) - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Meat from broilers (Gallus gallus) - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | detection | Listeria monocytogenes | 7 | 0 |
| | Meat from broilers (Gallus gallus) - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 | Meat from broilers (Gallus gallus) - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 1 | <= 100 | Listeria monocytogenes | 5 | 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/feed) | 25 | Gram | 22 | 1 | detection | Listeria monocytogenes | 17 | 1 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 4 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 4 | 0 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 261 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 261 | 0 | detection | Listeria monocytogenes | 261 | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - environmental 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 other animal species or not specified - fresh - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 73 | 1 | <= 100 | Listeria monocytogenes | 52 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 52 | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 73 | 1 | detection | Listeria monocytogenes | 22 | 1 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 9 | 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 - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 9 | 0 | detection | Listeria monocytogenes | 9 | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 29 | 10 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 29 | 10 | detection | Listeria monocytogenes | 29 | 10 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 105 | 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 - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 105 | 0 | detection | Listeria monocytogenes | 105 | 0 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 90 | 5 | <= 100 | Listeria monocytogenes | 31 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 31 | 1 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 90 | 5 | detection | Listeria monocytogenes | 64 | 4 |
| | Meat from other animal species or not specified - fresh - 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 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | 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/feed) | 25 | Gram | 37 | 2 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 37 | 2 | detection | Listeria monocytogenes | 37 | 2 |
| | Meat from other animal species or not specified - fresh - Wholesale - 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 other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 31 | 1 | <= 100 | Listeria monocytogenes | 14 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 14 | 0 |
| | Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 31 | 1 | detection | Listeria monocytogenes | 18 | 1 |
| | Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 13 | 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/feed) | 25 | Gram | 13 | 0 | detection | Listeria monocytogenes | 13 | 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/feed) | 25 | Gram | 7 | 0 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 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/feed) | 25 | Gram | 7 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Meat from other animal species or not specified - meat preparation - Processing plant - Italy - environmental 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 other animal species or not specified - meat preparation - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 292 | 21 | <= 100 | Listeria monocytogenes | 201 | 4 |
| | | | | | | | >100 | Listeria monocytogenes | 201 | 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 | Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 292 | 21 | detection | Listeria monocytogenes | 127 | 19 |
| | Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 8 | 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 - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 8 | 0 | detection | Listeria monocytogenes | 8 | 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/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 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/feed) | 25 | Gram | 69 | 4 | <= 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 - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 69 | 4 | detection | Listeria monocytogenes | 69 | 4 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - environmental 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 other animal species or not specified - meat preparation - Retail - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 340 | 11 | <= 100 | Listeria monocytogenes | 214 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 214 | 3 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 340 | 11 | detection | Listeria monocytogenes | 136 | 8 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 309 | 0 | <= 100 | Listeria monocytogenes | 162 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 162 | 0 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 309 | 0 | detection | Listeria monocytogenes | 147 | 0 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 27 | 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 - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 27 | 0 | detection | Listeria monocytogenes | 27 | 0 |
| | Meat from other animal species or not specified - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from other animal species or not specified - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | detection | Listeria monocytogenes | 1 | 1 |
| | Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 74 | 3 | <= 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 | Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 74 | 3 | detection | Listeria monocytogenes | 72 | 3 |
| | Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 3 | 1 | <= 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/feed) | 25 | Gram | 3 | 1 | detection | Listeria monocytogenes | 3 | 1 |
| | 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 | 134 | 2 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 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 | 134 | 2 | detection | Listeria monocytogenes | 134 | 2 |
| | Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Meat from other animal species or not specified - meat products - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 26 | 1 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from other animal species or not specified - meat products - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 26 | 1 | detection | Listeria monocytogenes | 26 | 1 |
| | Meat from other animal species or not specified - meat products - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 62 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from other animal species or not specified - meat products - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 62 | 0 | detection | Listeria monocytogenes | 62 | 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 | 1115 | 83 | <= 100 | Listeria monocytogenes | 452 | 5 |
| | | | | | | | >100 | Listeria monocytogenes | 452 | 3 |
| | 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 | 1115 | 83 | detection | Listeria monocytogenes | 860 | 77 |
| | 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 | 121 | 0 | <= 100 | Listeria monocytogenes | 2 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 2 | 0 |
| | 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 | 121 | 0 | detection | Listeria monocytogenes | 120 | 0 |
| | Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 116 | 36 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Meat from other animal species or not specified - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 116 | 36 | detection | Listeria monocytogenes | 116 | 36 |
| | 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 | 239 | 1 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 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 | 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 | 239 | 1 | detection | Listeria monocytogenes | 238 | 1 |
| | Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 737 | 22 | <= 100 | Listeria monocytogenes | 288 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 288 | 4 |
| | Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 737 | 22 | detection | Listeria monocytogenes | 564 | 21 |
| | Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 42 | 1 | <= 100 | Listeria monocytogenes | 21 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 21 | 0 |
| | Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 42 | 1 | detection | Listeria monocytogenes | 21 | 1 |
| | Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 29 | 1 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 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 | 29 | 1 | detection | Listeria monocytogenes | 29 | 1 |
| | 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 | 7 | 1 | <= 100 | Listeria monocytogenes | 6 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 6 | 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 | 7 | 1 | detection | Listeria monocytogenes | 7 | 1 |
| | 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 | 197 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 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 | 197 | 0 | detection | Listeria monocytogenes | 197 | 0 |
| | Meat from other animal species or not specified - meat products - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified | single (food/feed) | 400 | Square centimetre | 7 | 0 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Meat from other animal species or not specified - meat products - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified | single (food/feed) | 400 | Square centimetre | 7 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 25 | 0 | <= 100 | Listeria monocytogenes | 6 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 6 | 0 |
| | Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 25 | 0 | detection | Listeria monocytogenes | 25 | 0 |
| | Meat from other animal species or not specified - meat products - Wholesale - 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 other animal species or not specified - meat products - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | 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/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 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 | Meat from other animal species or not specified - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Meat from other animal species or not specified - mechanically separated meat (MSM) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Meat from other animal species or not specified - mechanically separated meat (MSM) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | 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/feed) | 25 | Gram | 11 | 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/feed) | 25 | Gram | 11 | 0 | detection | Listeria monocytogenes | 11 | 0 |
| | Meat from other animal species or not specified - minced meat - Processing plant - Italy - environmental 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 other animal species or not specified - minced meat - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Meat from other animal species or not specified - minced meat - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from other animal species or not specified - minced meat - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 4 | 0 |
| | Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 27 | 0 | <= 100 | Listeria monocytogenes | 18 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 18 | 0 |
| | Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 27 | 0 | detection | Listeria monocytogenes | 14 | 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/feed) | 25 | Gram | 10 | 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/feed) | 25 | Gram | 10 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 113 | 2 | <= 100 | Listeria monocytogenes | 72 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 72 | 0 |
| | Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 113 | 2 | detection | Listeria monocytogenes | 62 | 2 |
| | Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 13 | 0 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 13 | 0 | detection | Listeria monocytogenes | 8 | 0 |
| | Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 173 | 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 - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 173 | 0 | detection | Listeria monocytogenes | 173 | 0 |
| | Meat from other animal species or not specified - minced meat - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | <= 100 | Listeria monocytogenes | 3 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 3 | 0 |
| | Meat from other animal species or not specified - minced meat - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Meat from other animal species or not specified - offal - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | <= 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/feed) | 25 | Gram | 1 | 1 | detection | Listeria monocytogenes | 1 | 1 |
| | Meat from other animal species or not specified - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 14 | 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/feed) | 25 | Gram | 14 | 0 | detection | Listeria monocytogenes | 14 | 0 |
| | Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 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 - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Meat from other animal species or not specified - offal - Processing plant - 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 |
| | Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 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 - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 1 | <= 100 | Listeria monocytogenes | 3 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 3 | 0 |
| | Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 1 | detection | Listeria monocytogenes | 19 | 1 |
| | Meat from other animal species or not specified - offal - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 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/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Meat from pig - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified | single (food/feed) | 400 | Square centimetre | 12 | 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 pig - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified | single (food/feed) | 400 | Square centimetre | 12 | 0 | detection | Listeria monocytogenes | 12 | 0 |
| | Meat from pig - fresh - 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 |
| | Meat from pig - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 130 | 5 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 130 | 5 | detection | Listeria monocytogenes | 130 | 5 |
| | Meat from pig - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2014 | 2 | <= 100 | Listeria monocytogenes | 173 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 173 | 0 |
| | Meat from pig - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2014 | 2 | detection | Listeria monocytogenes | 1,841 | 2 |
| | Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 38 | 0 | <= 100 | Listeria monocytogenes | 18 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 18 | 0 |
| | Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 38 | 0 | detection | Listeria monocytogenes | 32 | 0 |
| | Meat from pig - meat preparation - Catering - 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 pig - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 132 | 6 | <= 100 | Listeria monocytogenes | 110 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 110 | 0 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 132 | 6 | detection | Listeria monocytogenes | 64 | 6 |
| | Meat from pig - 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 pig - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 94 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 94 | 0 | detection | Listeria monocytogenes | 94 | 0 |
| | Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 85 | 11 | <= 100 | Listeria monocytogenes | 58 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 58 | 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 - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 85 | 11 | detection | Listeria monocytogenes | 43 | 11 |
| | Meat from pig - meat preparation - Retail - 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 pig - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Meat from pig - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | <= 100 | Listeria monocytogenes | 6 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 6 | 0 |
| | Meat from pig - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Meat from pig - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 5 | <= 100 | Listeria monocytogenes | 10 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 10 | 0 |
| | Meat from pig - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 5 | detection | Listeria monocytogenes | 5 | 5 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1325 | 44 | <= 100 | Listeria monocytogenes | 317 | 4 |
| | | | | | | | >100 | Listeria monocytogenes | 317 | 1 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1325 | 44 | detection | Listeria monocytogenes | 1,222 | 44 |
| | Meat from pig - meat products - Processing plant - 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 products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 4 | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | <= 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/feed) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 565 | 2 | <= 100 | Listeria monocytogenes | 32 | 2 |
| | | | | | | | >100 | Listeria monocytogenes | 32 | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 565 | 2 | detection | Listeria monocytogenes | 535 | 2 |
| | Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 517 | 8 | <= 100 | Listeria monocytogenes | 175 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 175 | 0 |
| | Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 517 | 8 | detection | Listeria monocytogenes | 410 | 8 |
| | Meat from pig - meat products - Retail - 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 |

| 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 - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Meat from pig - meat products - Retail - 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 pig - meat products - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Meat from pig - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 50 | 3 | <= 100 | Listeria monocytogenes | 6 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 6 | 0 |
| | Meat from pig - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 50 | 3 | detection | Listeria monocytogenes | 50 | 3 |
| | Meat from pig - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 54 | 1 | <= 100 | Listeria monocytogenes | 39 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 39 | 0 |
| | Meat from pig - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 54 | 1 | detection | Listeria monocytogenes | 30 | 1 |
| | Meat from pig - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | <= 100 | Listeria monocytogenes | 6 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 6 | 0 |
| | Meat from pig - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Meat from pig - minced meat - Wholesale - 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 pig - minced meat - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Meat from rabbit - carcase - Processing plant - 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 rabbit - carcase - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Meat from rabbit - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 25 | 0 | <= 100 | Listeria monocytogenes | 23 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 23 | 0 |
| | Meat from rabbit - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 25 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Meat from rabbit - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 29 | 5 | <= 100 | Listeria monocytogenes | 15 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 15 | 0 |
| | Meat from rabbit - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 29 | 5 | detection | Listeria monocytogenes | 20 | 5 |
| | Meat from sheep - fresh - 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 |

| 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 | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Meat from turkey - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 1 | <= 100 | Listeria monocytogenes | 8 | 1 |
| | | | | | | | >100 | Listeria monocytogenes | 8 | 0 |
| | Meat from turkey - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 1 | detection | Listeria monocytogenes | 10 | 1 |
| | Meat from turkey - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | <= 100 | Listeria monocytogenes | 9 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 9 | 0 |
| | Meat from turkey - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Meat from turkey - meat products - 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 |
| | Meat from turkey - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Milk from other animal species or unspecified - 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 |
| | Milk from other animal species or unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Milk from other animal species or unspecified - Catering - 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 |
| | Milk from other animal species or unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 188 | 3 | <= 100 | Listeria monocytogenes | 21 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 21 | 0 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 188 | 3 | detection | Listeria monocytogenes | 169 | 3 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 53 | 32 | <= 100 | Listeria monocytogenes | 25 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 25 | 12 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 53 | 32 | detection | Listeria monocytogenes | 28 | 20 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 221 | 0 | <= 100 | Listeria monocytogenes | 106 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 106 | 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 | 221 | 0 | detection | Listeria monocytogenes | 115 | 0 |
| | Milk from other animal species or unspecified - raw milk - 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 |

| 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 - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 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) | 25 | Gram | 20 | 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) | 25 | Gram | 20 | 0 | detection | Listeria monocytogenes | 20 | 0 |
| | Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Packing centre - 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 |
| | Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Processing plant - Italy - environmental 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 - raw milk - made from pasteurised milk - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 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) | 25 | Gram | 51 | 0 | <= 100 | Listeria monocytogenes | 32 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 32 | 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) | 25 | Gram | 51 | 0 | detection | Listeria monocytogenes | 48 | 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) | 25 | Gram | 54 | 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 - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 54 | 0 | detection | Listeria monocytogenes | 54 | 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) | 25 | Gram | 72 | 0 | <= 100 | Listeria monocytogenes | 15 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 15 | 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) | 25 | Gram | 72 | 0 | detection | Listeria monocytogenes | 59 | 0 |
| | Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Wholesale - 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 - raw milk - made from pasteurised milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 31 | 2 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 31 | 2 | detection | Listeria monocytogenes | 31 | 2 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | 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 | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | detection | Listeria monocytogenes | 20 | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 157 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 157 | 0 | detection | Listeria monocytogenes | 157 | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 40 | 0 | <= 100 | Listeria monocytogenes | 3 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 3 | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 40 | 0 | detection | Listeria monocytogenes | 37 | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 508 | 4 | <= 100 | Listeria monocytogenes | 223 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 223 | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 508 | 4 | detection | Listeria monocytogenes | 508 | 4 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | detection | Listeria monocytogenes | 20 | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 50 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 50 | 0 | detection | Listeria monocytogenes | 50 | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - 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 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 24 | 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) | 25 | Gram | 24 | 0 | detection | Listeria monocytogenes | 24 | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 151 | 1 | <= 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 | Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 151 | 1 | detection | Listeria monocytogenes | 133 | 1 |
| | Milk from other animal species or 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 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Milk from other animal species or unspecified - UHT milk - 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 |
| | Milk from other animal species or unspecified - UHT milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Milk from other animal species or unspecified - UHT milk - 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 |
| | Milk from other animal species or unspecified - UHT milk - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Milk from other animal species or unspecified - UHT milk - Processing plant - 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 |
| | Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Milk from other animal species or unspecified - UHT milk - 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 |
| | Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Milk from other animal species or unspecified - UHT milk - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Milk from other animal species or unspecified - UHT milk - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | detection | 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) | 25 | Gram | 13 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | detection | Listeria monocytogenes | 12 | 0 |
| | Milk from other animal species or unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | <= 100 | Listeria monocytogenes | 3 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 3 | 0 |
| | Milk from other animal species or unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | detection | Listeria monocytogenes | 6 | 0 |
| | Milk, cows' - pasteurised milk - Packing centre - 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 |

| 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 - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Milk, cows' - pasteurised milk - Processing plant - 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 |
| | Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 30 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 30 | 0 | detection | Listeria monocytogenes | 30 | 0 |
| | Milk, cows' - pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 23 | 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/feed) | 25 | Gram | 23 | 0 | detection | Listeria monocytogenes | 23 | 0 |
| | Milk, cows' - raw milk - 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, cows' - raw milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Milk, cows' - raw milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Milk, cows' - raw milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | detection | Listeria monocytogenes | 20 | 0 |
| | Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 24 | 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/feed) | 25 | Gram | 24 | 0 | detection | Listeria monocytogenes | 24 | 0 |
| | Milk, cows' - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 35 | 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) | 25 | Gram | 35 | 0 | detection | Listeria monocytogenes | 35 | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 26 | 0 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 26 | 0 | detection | Listeria monocytogenes | 26 | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 157 | 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 - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 157 | 0 | detection | Listeria monocytogenes | 157 | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 3 | 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) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Milk, cows' - Retail - 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 |
| | Milk, cows' - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Milk, cows' - Retail - 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 |
| | Milk, cows' - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Milk, sheep's - raw milk - Processing plant - 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 |
| | Milk, sheep's - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | <= 100 | Listeria monocytogenes | 2 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 2 | 0 |
| | Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Molluscan shellfish - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Molluscan shellfish - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | detection | Listeria monocytogenes | 18 | 0 |
| | Molluscan shellfish - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Molluscan shellfish - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Molluscan shellfish - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Molluscan shellfish - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | detection | Listeria monocytogenes | 1 | 1 |
| | Other processed food products and prepared dishes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 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 | Other processed food products and prepared dishes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 0 | <= 100 | Listeria monocytogenes | 6 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 6 | 0 |
| | Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 0 | detection | Listeria monocytogenes | 16 | 0 |
| | Other processed food products and prepared dishes - pasta - 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 |
| | Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 40 | 0 | <= 100 | Listeria monocytogenes | 16 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 16 | 0 |
| | Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 40 | 0 | detection | Listeria monocytogenes | 34 | 0 |
| | Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | <= 100 | 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) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 97 | 0 | <= 100 | Listeria monocytogenes | 13 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 13 | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 97 | 0 | detection | Listeria monocytogenes | 84 | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 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) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Other processed food products and prepared dishes - Processing plant - 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 |
| | Other processed food products and prepared dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Other processed food products and prepared dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | <= 100 | Listeria monocytogenes | 2 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 2 | 0 |
| | Other processed food products and prepared dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Other processed food products and prepared dishes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 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 | Other processed food products and prepared dishes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | detection | Listeria monocytogenes | 12 | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 302 | 2 | <= 100 | Listeria monocytogenes | 133 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 133 | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 302 | 2 | detection | Listeria monocytogenes | 274 | 2 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 4 | 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) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 4 | 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 | 284 | 1 | <= 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) | 25 | Gram | 284 | 1 | detection | Listeria monocytogenes | 284 | 1 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | 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 - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | 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 - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 337 | 5 | <= 100 | Listeria monocytogenes | 128 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 128 | 0 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 337 | 5 | detection | Listeria monocytogenes | 298 | 5 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 36 | 0 | <= 100 | Listeria monocytogenes | 17 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 17 | 0 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 36 | 0 | detection | Listeria monocytogenes | 19 | 0 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 30 | 2 | <= 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 - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 30 | 2 | detection | Listeria monocytogenes | 30 | 2 |
| | 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 | 99 | 0 | <= 100 | Listeria monocytogenes | 6 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 6 | 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 | 99 | 0 | detection | Listeria monocytogenes | 98 | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 862 | 26 | <= 100 | Listeria monocytogenes | 291 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 291 | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 862 | 26 | detection | Listeria monocytogenes | 744 | 26 |
| | 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 | detection | 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 | 5 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 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 | detection | Listeria monocytogenes | 5 | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 363 | 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) | 25 | Gram | 363 | 0 | detection | Listeria monocytogenes | 363 | 0 |
| | Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | <= 100 | Listeria monocytogenes | 5 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 5 | 0 |
| | Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | detection | Listeria monocytogenes | 15 | 0 |
| | Other products of animal origin - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 1 | <= 100 | Listeria monocytogenes | 2 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 2 | 0 |
| | Other products of animal origin - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 1 | detection | Listeria monocytogenes | 3 | 1 |
| | Other products of animal origin - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 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 | Other products of animal origin - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 0 | detection | Listeria monocytogenes | 16 | 0 |
| | Sauce and dressings - mayonnaise - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Sauce and dressings - mayonnaise - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | detection | Listeria monocytogenes | 3 | 0 |
| | Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 27 | 0 | <= 100 | Listeria monocytogenes | 21 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 21 | 0 |
| | Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 27 | 0 | detection | Listeria monocytogenes | 22 | 0 |
| | Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 63 | 0 | <= 100 | Listeria monocytogenes | 19 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 19 | 0 |
| | Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 63 | 0 | detection | Listeria monocytogenes | 62 | 0 |
| | Spices and herbs - Catering - 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 |
| | Spices and herbs - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Spices and herbs - 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 |
| | Spices and herbs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Spices and herbs - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 9 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Spices and herbs - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 9 | 0 | detection | Listeria monocytogenes | 9 | 0 |
| | Spices and herbs - 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 |
| | Spices and herbs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Spices and herbs - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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 | Spices and herbs - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 4 | 0 |
| | Surimi - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 4 | 0 | detection | Listeria monocytogenes | 0 | 0 |
| | Sweets - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Sweets - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Sweets - Catering - 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 |
| | Sweets - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | detection | Listeria monocytogenes | 10 | 0 |
| | Sweets - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 58 | 0 | <= 100 | Listeria monocytogenes | 13 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 13 | 0 |
| | Sweets - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 58 | 0 | detection | Listeria monocytogenes | 55 | 0 |
| | Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | <= 100 | Listeria monocytogenes | 10 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 10 | 0 |
| | Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | detection | Listeria monocytogenes | 5 | 0 |
| | Sweets - Retail - 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 |
| | Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Sweets - Wholesale - 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 |
| | Sweets - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 2 | 0 |
| | Vegetables - bulb/ clove - Retail - 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 |
| | Vegetables - bulb/ clove - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 23 | 0 | <= 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 | Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 23 | 0 | detection | Listeria monocytogenes | 22 | 0 |
| | Vegetables - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 27 | 0 | <= 100 | Listeria monocytogenes | 0 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 0 | 0 |
| | Vegetables - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 27 | 0 | detection | Listeria monocytogenes | 27 | 0 |
| | Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | <= 100 | Listeria monocytogenes | 1 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 1 | 0 |
| | Vegetables - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 111 | 0 | <= 100 | Listeria monocytogenes | 85 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 85 | 0 |
| | Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 111 | 0 | detection | Listeria monocytogenes | 111 | 0 |
| | Vegetables - 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 |
| | Vegetables - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | detection | Listeria monocytogenes | 1 | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 498 | 3 | <= 100 | Listeria monocytogenes | 210 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 210 | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 498 | 3 | detection | Listeria monocytogenes | 482 | 3 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 26 | 0 | <= 100 | Listeria monocytogenes | 14 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 14 | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 26 | 0 | detection | Listeria monocytogenes | 16 | 0 |
| | Vegetables - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 6 | 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/feed) | 25 | Gram | 6 | 0 | detection | Listeria monocytogenes | 6 | 0 |
| | Vegetables - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | <= 100 | Listeria monocytogenes | 7 | 0 |
| | | | | | | | >100 | Listeria monocytogenes | 7 | 0 |
| | Vegetables - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | detection | Listeria monocytogenes | 11 | 0 |
| | Water - potable water - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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 | Water - potable water - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | detection | Listeria monocytogenes | 10 | 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 - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 61 | 0 | Lyssavirus | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 196 | 0 | Lyssavirus | 0 |
| | Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 3 | 0 | Lyssavirus | 0 |
| | Bears - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 21 | 0 | Lyssavirus | 0 |
| | Cattle (bovine animals) - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Lyssavirus | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 4 | 0 | Lyssavirus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 419 | 0 | Lyssavirus | 0 |
| | Dormice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Dormice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Ferrets - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 974 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 931 | 0 | Lyssavirus | 0 |
| | Goats - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Lyssavirus | 0 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 12 | 0 | Lyssavirus | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 305 | 0 | Lyssavirus | 0 |
| | Moles - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Muskrats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Lyssavirus | 0 |
| | Rats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Rats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 4 | 0 | Lyssavirus | 0 |
| | Rodents - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 9 | 0 | Lyssavirus | 0 |
| | Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Weasel - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 30 | 0 | Lyssavirus | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 6 | 0 | Lyssavirus | 0 |
| Piemonte | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 38 | 0 | Lyssavirus | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 27 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 133 | 0 | Lyssavirus | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 3 | 0 | Lyssavirus | 0 |
| | Rodents - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 12 | 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 |
|---|---|---|---|---|---|---|
| Valle d'Aosta/Vallée d'Aoste (NUTS level 2) | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 13 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 44 | 0 | Lyssavirus | 0 |
| | Rodents - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 8 | 0 | Lyssavirus | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| Liguria | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 4 | 0 | Lyssavirus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 8 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 27 | 0 | Lyssavirus | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 3 | 0 | Lyssavirus | 0 |
| Lombardia | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 36 | 0 | Lyssavirus | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 21 | 0 | Lyssavirus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 68 | 0 | Lyssavirus | 0 |
| | Dormice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 435 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 168 | 0 | Lyssavirus | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 4 | 0 | Lyssavirus | 0 |
| | Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| Abruzzo | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 12 | 0 | Lyssavirus | 0 |
| | Ferrets - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| Molise | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 3 | 0 | Lyssavirus | 0 |
| Campania | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 11 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 2 | 0 | Lyssavirus | 0 |
| Puglia | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| Calabria | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 13 | 0 | Lyssavirus | 0 |
| | Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| Sicilia | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 8 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| Provincia Autonoma di Bolzano/Bozen (NUTS 2010-2013) | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 92 | 0 | Lyssavirus | 0 |
| | Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Cattle (bovine animals) - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Lyssavirus | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 46 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 355 | 0 | Lyssavirus | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 277 | 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 |
|---|---|---|---|---|---|---|
| Provincia Autonoma di Trento (NUTS 2010-2013) | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 10 | 0 | Lyssavirus | 0 |
| | Bears - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 4 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 62 | 0 | Lyssavirus | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| Veneto (NUTS 2010-2013) | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 19 | 0 | Lyssavirus | 0 |
| | Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 183 | 0 | Lyssavirus | 0 |
| | Dormice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Ferrets - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 20 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 81 | 0 | Lyssavirus | 0 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 9 | 0 | Lyssavirus | 0 |
| | Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Lyssavirus | 0 |
| | Rats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 2 | 0 | Lyssavirus | 0 |
| Friuli-Venezia Giulia (NUTS 2010-2013) | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 36 | 0 | Lyssavirus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 13 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 13 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 212 | 0 | Lyssavirus | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 13 | 0 | Lyssavirus | 0 |
| | Rats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 2 | 0 | Lyssavirus | 0 |
| Emilia-Romagna (NUTS 2010-2013) | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 3 | 0 | Lyssavirus | 0 |
| | Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 40 | 0 | Lyssavirus | 0 |
| | Dormice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 192 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 42 | 0 | Lyssavirus | 0 |
| | Goats - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Lyssavirus | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Moles - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Rats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 3 | 0 | Lyssavirus | 0 |
| Toscana (NUTS 2010-2013) | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 11 | 0 | Lyssavirus | 0 |
| | Dormice - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Lyssavirus | 0 |
| Umbria (NUTS 2010-2013) | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 6 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 37 | 0 | Lyssavirus | 0 |
| | Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 2 | 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 |
|---|---|---|---|---|---|---|
| Umbria (NUTS 2010-2013) | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 8 | 0 | Lyssavirus | 0 |
| | Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Weasel - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 8 | 0 | Lyssavirus | 0 |
| Marche (NUTS 2010-2013) | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 1 | 0 | Lyssavirus | 0 |
| Lazio (NUTS 2010-2013) | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 21 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Objective sampling | animal | 3 | 0 | Lyssavirus | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 9 | 0 | Lyssavirus | 0 |
| | Muskrats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 2 | 0 | Lyssavirus | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 3 | 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 - zoo animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Mycobacterium | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Mycobacterium | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 6 | 0 | Mycobacterium | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 111 | 0 | Mycobacterium | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 11 | 2 | Mycobacterium spp., unspecified | 2 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 2 | 0 | Mycobacterium | 0 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 51 | 0 | Mycobacterium | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Mycobacterium | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 58 | 0 | Mycobacterium | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Mycobacterium | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 271 | 0 | Mycobacterium | 0 |
| | Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Mycobacterium | 0 |
| | Deer - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Mycobacterium | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 5 | 2 | Mycobacterium spp., unspecified | 2 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Mycobacterium | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Mycobacterium | 0 |
| | Mouflons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 4 | 0 | Mycobacterium | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 4 | 0 | Mycobacterium | 0 |
| | Pigs - fattening pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 4 | 2 | Mycobacterium spp., unspecified | 2 |
| | Reptiles - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Mycobacterium | 0 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Mycobacterium | 0 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Suspect sampling | animal | 1 | 0 | Mycobacterium | 0 |
| | Solipeds, domestic - donkeys - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Mycobacterium bovis | 1 |
| | Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Mycobacterium | 0 |
| | Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 18 | 0 | Mycobacterium | 0 |
| | Water buffalos - farmed - Farm - Italy - animal sample - Control and eradication programmes - Official sampling - Census | animal | 281911 | 259 | Mycobacterium bovis | 259 |
| | Water buffalos - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 4 | 1 | Mycobacterium spp., unspecified | 1 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 109 | 15 | Mycobacterium microti | 12 |
| | | | | | Mycobacterium spp., unspecified | 1 |
| | | | | | Mycobacterium tuberculosis complex (MTC) | 2 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 163 | 1 | Mycobacterium microti | 1 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 44 | 2 | Mycobacterium tuberculosis complex (MTC) | 2 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Mycobacterium | 0 |

## 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 - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | | N_A | 4 | 0 | Salmonella | 0 |
| | Alpacas - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 11 | 0 | Salmonella | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 27 | 1 | Salmonella Typhimurium | 1 |
| | | | | | | | Salmonella Umbilo | 1 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 4 | 0 | Salmonella | 0 |
| | Bats - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 75 | 0 | Salmonella | 0 |
| | Bats - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 25 | 0 | Salmonella | 0 |
| | Birds - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Birds - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 7 | 0 | Salmonella | 0 |
| | Birds - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 10 | 1 | Salmonella Typhimurium | 1 |
| | Birds - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Birds - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Birds - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 21 | 0 | Salmonella | 0 |
| | Birds - wild - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Birds - wild - Natural habitat - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 209 | 1 | Salmonella Typhimurium | 1 |
| | Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 28 | 1 | Salmonella Veneziana | 1 |
| | Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 488 | 7 | Salmonella Breda | 1 |
| | | | | | | | Salmonella Enteritidis | 1 |
| | | | | | | | Salmonella Typhimurium | 5 |
| | Birds - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 21 | 1 | Salmonella Typhimurium | 1 |
| | Birds - wild - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Canary - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 6 | 0 | Salmonella | 0 |
| | Canary - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Canary - pet animals - Unspecified - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Canary - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 24 | 0 | Salmonella | 0 |
| | Canary - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - 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 | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 59 | 0 | Salmonella | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 86 | 0 | Salmonella | 0 |
| | Cats - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 3 | 0 | Salmonella | 0 |
| | Cats - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 49 | 2 | Salmonella Typhimurium | 2 |
| | Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 27 | 0 | Salmonella | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 211 | 4 | Salmonella enterica, subspecies enterica | 1 |
| | | | | | | | Salmonella spp., unspecified | 1 |
| | | | | | | | Salmonella Typhimurium | 2 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 6 | 1 | Salmonella spp., unspecified | 1 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 15 | 0 | Salmonella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 7 | 0 | Salmonella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 598 | 35 | Salmonella Typhimurium | 35 |
| | | herd/flock | | N_A | 2 | 0 | Salmonella | 0 |
| | | holding | | N_A | 27 | 0 | Salmonella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 37 | 5 | Salmonella Typhimurium, monophasic | 5 |
| | | holding | | N_A | 20 | 0 | Salmonella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 188 | 6 | Salmonella Enteritidis | 1 |
| | | | | | | | Salmonella Typhimurium | 5 |
| | | herd/flock | | N_A | 540 | 21 | Salmonella spp., unspecified | 20 |
| | | | | | | | Salmonella Typhimurium | 1 |
| | | holding | | N_A | 20 | 0 | Salmonella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 64 | 4 | Salmonella spp., unspecified | 4 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 11 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 333 | 0 | Salmonella | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 295 | 19 | Salmonella Kottbus | 1 |
| | | | | | | | Salmonella Typhimurium | 18 |
| | Cattle (bovine animals) - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 1 | 0 | Salmonella | 0 |
| | Cattle (bovine animals) - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 35 | 6 | Salmonella Kottbus | 2 |
| | | | | | | | Salmonella Typhimurium, monophasic | 4 |
| | Cattle (bovine animals) - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 19 | 0 | Salmonella | 0 |
| | Cattle (bovine animals) - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling | animal | | N_A | 15 | 0 | Salmonella | 0 |
| | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1956 | 4 | Salmonella Derby | 1 |
| | | | | | | | Salmonella Dublin | 1 |
| | | | | | | | Salmonella Typhimurium | 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 | Cattle (bovine animals) - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1956 | 4 | Salmonella Typhimurium, monophasic | 1 |
| | Cattle (bovine animals) - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 4 | 0 | Salmonella | 0 |
| | Cattle (bovine animals) - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 2 | 0 | Salmonella | 0 |
| | Corvids, unspecified - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Corvids, unspecified - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 27 | 0 | Salmonella | 0 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 3 | 0 | Salmonella | 0 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 58 | 0 | Salmonella | 0 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 56 | 0 | Salmonella | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 50 | 0 | Salmonella | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Deer - wild - red deer - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Deer - wild - red deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 110 | 0 | Salmonella | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 409 | 5 | Salmonella Coeln | 1 |
| | | | | | | | Salmonella Typhimurium | 1 |
| | | | | | | | Salmonella Typhimurium, monophasic | 3 |
| | Deer - wild - roe deer - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 4 | 0 | Salmonella | 0 |
| | Deer - wild - Slaughterhouse - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Deer - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Deer - wild - Unspecified - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Dogs - pet animals - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 54 | 1 | Salmonella Kottbus | 1 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 105 | 0 | Salmonella | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 446 | 11 | Salmonella enterica, subspecies diarizonae | 1 |
| | | | | | | | Salmonella enterica, subspecies enterica | 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 | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 446 | 11 | Salmonella Paratyphi C | 1 |
| | | | | | | | Salmonella spp., unspecified | 6 |
| | | | | | | | Salmonella Thompson | 1 |
| | | | | | | | Salmonella Umbilo | 1 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 31 | 0 | Salmonella | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 4 | 0 | Salmonella | 0 |
| | Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 55 | 2 | Salmonella spp., unspecified | 2 |
| | Ducks - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | holding | | N_A | 1 | 0 | Salmonella | 0 |
| | Ducks - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 3 | 0 | Salmonella | 0 |
| | Ducks - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Falcons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Falcons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 4 | 2 | Salmonella Typhimurium | 2 |
| | Fish - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 34 | 0 | Salmonella | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 12 | 0 | Salmonella | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 282 | 5 | Salmonella Brandenburg | 1 |
| | | | | | | | Salmonella Hessarek | 1 |
| | | | | | | | Salmonella spp., unspecified | 1 |
| | | | | | | | Salmonella Typhimurium | 2 |
| | Foxes - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census | herd/flock | 1302 | Y | 1194 | 11 | Salmonella Mbandaka | 5 |
| | | | | | | | Salmonella Other serovars | 6 |
| | Gallus gallus (fowl) - breeding flocks, unspecified - during rearing period - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census | herd/flock | 776 | N_A | 526 | 3 | Salmonella Mbandaka | 1 |
| | | | | | | | Salmonella Veneziana | 2 |
| | Gallus gallus (fowl) - breeding flocks, unspecified - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 16 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - broilers - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Industry sampling - Census | herd/flock | 31932 | N_A | 20588 | 2025 | Salmonella Other serovars | 2,025 |
| | Gallus gallus (fowl) - broilers - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census | herd/flock | 31932 | Y | 20705 | 2081 | Salmonella Infantis | 1,072 |
| | | | | | | | Salmonella Livingstone | 162 |
| | | | | | | | Salmonella Mbandaka | 133 |
| | | | | | | | Salmonella Other serovars | 394 |
| | | | | | | | Salmonella Thompson | 319 |
| | | | | | | | Salmonella Typhimurium | 1 |
| | Gallus gallus (fowl) - broilers - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Official sampling - Objective sampling | herd/flock | 31932 | N_A | 448 | 112 | Salmonella Other serovars | 111 |
| | | | | | | | Salmonella Typhimurium | 1 |
| | Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 244 | 7 | Salmonella enterica, subsp. houtenae | 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 | Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 244 | 7 | Salmonella Hessarek | 1 |
| | | | | | | | Salmonella Infantis | 2 |
| | | | | | | | Salmonella Kentucky | 1 |
| | | | | | | | Salmonella spp., unspecified | 2 |
| | Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | holding | | N_A | 2 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - broilers - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 14 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - broilers - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 20 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - laying hens - adult - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census | herd/flock | 3779 | Y | 3067 | 185 | Salmonella 1,4,[5],12:i:- | 2 |
| | | | | | | | Salmonella Enteritidis | 18 |
| | | | | | | | Salmonella Infantis | 14 |
| | | | | | | | Salmonella Kentucky | 75 |
| | | | | | | | Salmonella Other serovars | 72 |
| | | | | | | | Salmonella Typhimurium | 5 |
| | Gallus gallus (fowl) - laying hens - during rearing period - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census | herd/flock | 1062 | N_A | 893 | 7 | Salmonella Infantis | 2 |
| | | | | | | | Salmonella Kentucky | 2 |
| | | | | | | | Salmonella Other serovars | 3 |
| | Gallus gallus (fowl) - laying hens - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - mixed flocks/holdings - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | holding | | N_A | 23 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - mixed flocks/holdings - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | holding | | N_A | 39 | 4 | Salmonella Agona | 1 |
| | | | | | | | Salmonella spp., unspecified | 3 |
| | Gallus gallus (fowl) - mixed flocks/holdings - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | holding | | N_A | 5 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - mixed flocks/holdings - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | holding | | N_A | 2 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - mixed flocks/holdings - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - mixed flocks/holdings - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 62 | 2 | Salmonella spp., unspecified | 2 |
| | Gallus gallus (fowl) - mixed flocks/holdings - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - parent breeding flocks, unspecified - unspecified - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 30 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - parent breeding flocks, unspecified - unspecified - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 306 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - parent breeding flocks, unspecified - unspecified - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Gallus gallus (fowl) - parent breeding flocks, unspecified - unspecified - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 43 | 0 | Salmonella | 0 |
| | Geese - unspecified - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | holding | | N_A | 3 | 0 | Salmonella | 0 |
| | Geese - unspecified - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Geese - unspecified - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Geese - unspecified - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 5 | 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 | Geese - unspecified - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Giraffes - zoo animal - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Giraffes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 1 | 0 | Salmonella | 0 |
| | Giraffes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 1 | Salmonella Blockley | 1 |
| | Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | | N_A | 8 | 2 | Salmonella spp., unspecified | 2 |
| | | herd/flock | | N_A | 5 | 0 | Salmonella | 0 |
| | Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | holding | | N_A | 3 | 0 | Salmonella | 0 |
| | Goats - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 112 | 1 | Salmonella Typhimurium | 1 |
| | | herd/flock | | N_A | 102 | 7 | Salmonella spp., unspecified | 6 |
| | | | | | | | Salmonella Typhimurium | 1 |
| | | holding | | N_A | 14 | 0 | Salmonella | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 10 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 7 | 0 | Salmonella | 0 |
| | Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Goats - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Goats - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 3 | 0 | Salmonella | 0 |
| | Guinea pigs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 3 | 1 | Salmonella Typhimurium | 1 |
| | Gulls - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Gulls - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 5 | 1 | Salmonella Typhimurium | 1 |
| | Hares - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 7 | 0 | Salmonella | 0 |
| | Hares - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 13 | 0 | Salmonella | 0 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 51 | 1 | Salmonella Typhimurium | 1 |
| | Hares - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 63 | 8 | Salmonella Brandenburg | 1 |
| | | | | | | | Salmonella Enteritidis | 5 |
| | | | | | | | Salmonella Napoli | 1 |
| | | | | | | | Salmonella Veneziana | 1 |
| | Jays - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Lamas - zoo animal - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 1 | Salmonella enterica, subsp. houtenae | 1 |
| | Lynx - wild - Farm - Italy - animal sample - Monitoring - Official sampling - 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 | Magpies - wild - Natural habitat - Italy - animal sample - organ/tissue - 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 | 5 | 1 | Salmonella Eboko | 1 |
| | Mice - wild - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 1 | Salmonella Typhimurium | 1 |
| | Monkeys - zoo animal - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 7 | 0 | Salmonella | 0 |
| | Monkeys - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 3 | 0 | Salmonella | 0 |
| | Mouflons - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Mouflons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 3 | 0 | Salmonella | 0 |
| | Night herons - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Night herons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Otter - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Parrots - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 14 | 0 | Salmonella | 0 |
| | Parrots - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 15 | 0 | Salmonella | 0 |
| | Parrots - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Partridges - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Partridges - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 3 | 0 | Salmonella | 0 |
| | Peafowl - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Pheasants - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 14 | 1 | Salmonella Typhimurium | 1 |
| | Pheasants - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Pheasants - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 1 | Salmonella Gallinarum | 1 |
| | Pheasants - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Pigeons - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 17 | 0 | Salmonella | 0 |
| | Pigeons - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 3 | 0 | Salmonella | 0 |
| | Pigeons - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 30 | 2 | Salmonella enterica, subsp. houtenae | 1 |
| | | | | | | | Salmonella enterica, subspecies diarizonae | 1 |
| | Pigeons - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 133 | 4 | Salmonella Derby | 1 |
| | | | | | | | Salmonella spp., unspecified | 1 |
| | | | | | | | Salmonella Typhimurium | 2 |
| | Pigeons - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Pigeons - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | 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 | Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 28 | 1 | Salmonella Typhimurium | 1 |
| | Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 10 | 0 | Salmonella | 0 |
| | Pigeons - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Pigs - breeding animals - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 4 | 0 | Salmonella | 0 |
| | Pigs - breeding animals - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 11 | 0 | Salmonella | 0 |
| | Pigs - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 1 | 0 | Salmonella | 0 |
| | | holding | | N_A | 1 | 0 | Salmonella | 0 |
| | Pigs - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 9 | 1 | Salmonella spp., unspecified | 1 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 15 | 1 | Salmonella spp., unspecified | 1 |
| | | herd/flock | | N_A | 195 | 2 | Salmonella spp., unspecified | 2 |
| | | holding | | N_A | 5 | 0 | Salmonella | 0 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 33 | 3 | Salmonella spp., unspecified | 3 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | | N_A | 144 | 0 | Salmonella | 0 |
| | Pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | | N_A | 1 | 1 | Salmonella Typhimurium, monophasic | 1 |
| | Pigs - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | | N_A | 1 | 0 | Salmonella | 0 |
| | Pigs - fattening pigs - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 54 | 34 | Salmonella Derby | 2 |
| | | | | | | | Salmonella Manhattan | 1 |
| | | | | | | | Salmonella Rissen | 4 |
| | | | | | | | Salmonella spp., unspecified | 8 |
| | | | | | | | Salmonella Typhimurium, monophasic | 17 |
| | | | | | | | Salmonella Veneziana | 2 |
| | Pigs - fattening pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 36 | 4 | Salmonella Choleraesuis | 1 |
| | | | | | | | Salmonella Newport | 1 |
| | | | | | | | Salmonella Typhimurium | 1 |
| | | | | | | | Salmonella Typhimurium, monophasic | 2 |
| | Pigs - fattening pigs - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 2 | 1 | Salmonella Choleraesuis | 1 |
| | Pigs - fattening pigs - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 57 | 1 | Salmonella Typhimurium, monophasic | 1 |
| | Pigs - fattening pigs - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 5 | 0 | Salmonella | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 4 | 0 | Salmonella | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - organ/tissue - 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 | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - environmental sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 2 | 2 | Salmonella Typhimurium, monophasic | 2 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Pigs - fattening pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 9 | 2 | Salmonella Derby | 1 |
| | | | | | | | Salmonella Typhimurium, monophasic | 1 |
| | Pigs - fattening pigs - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 5 | 0 | Salmonella | 0 |
| | Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Poultry, unspecified - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Quails - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | Quails - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Rabbits - farmed - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 34 | 0 | Salmonella | 0 |
| | | holding | | N_A | 19 | 0 | Salmonella | 0 |
| | Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | holding | | N_A | 1 | 0 | Salmonella | 0 |
| | Rabbits - farmed - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Rabbits - farmed - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | Rabbits - farmed - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 16 | 0 | Salmonella | 0 |
| | Rabbits - farmed - Zoo - Italy - animal sample - organ/tissue - 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 | 1 | 0 | Salmonella | 0 |
| | Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Rats - wild - Unspecified - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 10 | 0 | Salmonella | 0 |
| | Reptiles - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 1 | Salmonella Hvittingfoss | 1 |
| | | | | | | | Salmonella Pomona | 1 |
| | Reptiles - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 7 | 0 | Salmonella | 0 |
| | Reptiles - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 12 | 4 | Salmonella enterica, subsp. houtenae | 2 |
| | | | | | | | Salmonella enterica, subspecies diarizonae | 1 |
| | | | | | | | Salmonella Montevideo | 1 |
| | Rodents - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 9 | 0 | Salmonella | 0 |
| | Rodents - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 10 | 0 | Salmonella | 0 |
| | Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1253 | 316 | Salmonella spp., unspecified | 316 |
| | | herd/flock | | N_A | 20 | 2 | Salmonella spp., unspecified | 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 | Sheep - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | animal | | N_A | 184 | 22 | Salmonella spp., unspecified | 22 |
| | Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 7 | 0 | Salmonella | 0 |
| | | holding | | N_A | 13 | 0 | Salmonella | 0 |
| | Sheep - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 3 | 0 | Salmonella | 0 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 107 | 38 | Salmonella spp., unspecified | 38 |
| | | herd/flock | | N_A | 344 | 28 | Salmonella Abortusovis | 16 |
| | | | | | | | Salmonella enterica, subspecies diarizonae | 3 |
| | | | | | | | Salmonella Napoli | 1 |
| | | | | | | | Salmonella spp., unspecified | 8 |
| | | holding | | N_A | 21 | 0 | Salmonella | 0 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 110 | 0 | Salmonella | 0 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 3 | 0 | Salmonella | 0 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | Sheep - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Sheep - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 3 | 0 | Salmonella | 0 |
| | Sheep - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Sheep - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 1 | 0 | Salmonella | 0 |
| | Snakes - zoo animal - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Snakes - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 1 | Salmonella enterica, subsp. houtenae | 1 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 1 | 1 | Salmonella spp., unspecified | 1 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 3 | 0 | Salmonella | 0 |
| | Solipeds, domestic - donkeys - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 1 | 0 | Salmonella | 0 |
| | Solipeds, domestic - donkeys - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Solipeds, domestic - donkeys - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 3 | 0 | Salmonella | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 4 | 3 | Salmonella spp., unspecified | 3 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - blood - Monitoring - Official sampling - Not specified | herd/flock | | N_A | 2 | 2 | Salmonella spp., unspecified | 2 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | holding | | N_A | 27 | 0 | Salmonella | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Monitoring - Official sampling - 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 - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 33 | 1 | Salmonella Veneziana | 1 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 6 | 0 | Salmonella | 0 |
| | Solipeds, domestic - horses - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | herd/flock | | N_A | 1 | 0 | Salmonella | 0 |
| | Solipeds, domestic - horses - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Suspect sampling | herd/flock | | N_A | 3 | 0 | Salmonella | 0 |
| | Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 6 | 0 | Salmonella | 0 |
| | Solipeds, domestic - horses - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | | N_A | 6 | 2 | Salmonella spp., unspecified | 2 |
| | Solipeds, domestic - horses - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Solipeds, domestic - horses - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 5 | 0 | Salmonella | 0 |
| | Squirrels - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Steinbock - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Steinbock - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 6 | 0 | Salmonella | 0 |
| | Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - 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 | 312 | Y | 287 | 5 | Salmonella Newport | 1 |
| | | | | | | | Salmonella Other serovars | 3 |
| | | | | | | | Salmonella Veneziana | 1 |
| | Turkeys - breeding flocks, unspecified - during rearing period - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census | herd/flock | 203 | N_A | 142 | 1 | Salmonella Veneziana | 1 |
| | Turkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 9 | 0 | Salmonella | 0 |
| | | holding | | N_A | 7 | 0 | Salmonella | 0 |
| | Turkeys - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | holding | | N_A | 5 | 0 | Salmonella | 0 |
| | Turkeys - fattening flocks - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Industry sampling - Census | herd/flock | 7675 | N_A | 4389 | 457 | Salmonella Hadar | 6 |
| | | | | | | | Salmonella Infantis | 93 |
| | | | | | | | Salmonella Newport | 22 |
| | | | | | | | Salmonella Other serovars | 241 |
| | | | | | | | Salmonella Senftenberg | 95 |
| | Turkeys - fattening flocks - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Official and industry sampling - Census | herd/flock | 7675 | Y | 4433 | 471 | Salmonella Hadar | 6 |
| | | | | | | | Salmonella Infantis | 93 |
| | | | | | | | Salmonella Newport | 22 |
| | | | | | | | Salmonella Other serovars | 251 |
| | | | | | | | Salmonella Senftenberg | 98 |
| | | | | | | | Salmonella Typhimurium | 1 |
| | Turkeys - fattening flocks - before slaughter - Farm - Italy - animal sample - Control and eradication programmes - Official sampling - Objective sampling | herd/flock | 7675 | N_A | 125 | 16 | Salmonella Other serovars | 13 |
| | | | | | | | Salmonella Senftenberg | 3 |
| | | | | | | | Salmonella Typhimurium | 1 |
| | Turkeys - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - 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 | Turtles - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 105 | 0 | Salmonella | 0 |
| | Turtles - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 26 | 0 | Salmonella | 0 |
| | Turtles - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 17 | 0 | Salmonella | 0 |
| | Turtles - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Turtles - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 16 | 0 | Salmonella | 0 |
| | Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 4 | 0 | Salmonella | 0 |
| | Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 76 | 6 | Salmonella Muenchen | 1 |
| | | | | | | | Salmonella Paratyphi B | 4 |
| | | | | | | | Salmonella Veneziana | 1 |
| | Turtles - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Turtles - zoo animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 4 | 0 | Salmonella | 0 |
| | Turtles - zoo animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 15 | 2 | Salmonella Kapemba | 1 |
| | | | | | | | Salmonella spp., unspecified | 1 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 300 | 75 | Salmonella spp., unspecified | 75 |
| | | herd/flock | | N_A | 14 | 3 | Salmonella Carno | 1 |
| | | | | | | | Salmonella Kottbus | 1 |
| | | | | | | | Salmonella spp., unspecified | 1 |
| | Water buffalos - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Weasel - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 0 | Salmonella | 0 |
| | Wild boars - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | | herd/flock | | N_A | 1 | 1 | Salmonella Napoli | 1 |
| | | | | | | | Salmonella Newport | 1 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 36 | 1 | Salmonella Enteritidis | 1 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 20 | 1 | Salmonella enterica, subspecies diarizonae | 1 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 1231 | 11 | Salmonella Agbeni | 1 |
| | | | | | | | Salmonella Choleraesuis | 1 |
| | | | | | | | Salmonella enterica, subspecies salamae | 1 |
| | | | | | | | Salmonella Hessarek | 1 |
| | | | | | | | Salmonella Napoli | 2 |
| | | | | | | | Salmonella Newport | 2 |
| | | | | | | | Salmonella Stourbridge | 1 |
| | | | | | | | Salmonella Typhimurium | 1 |
| | | | | | | | Salmonella Veneziana | 1 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 23 | 1 | Salmonella enterica, subspecies diarizonae | 1 |
| | | herd/flock | | N_A | 1 | 1 | Salmonella Infantis | 1 |
| | Wild boars - wild - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | Wolves - wild - Farm - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 1 | 1 | Salmonella Muenchen | 1 |
| | Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | | N_A | 3 | 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 | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | | N_A | 2 | 0 | Salmonella | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | | N_A | 5 | 0 | Salmonella | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 15 | 1 | Salmonella Ferruch | 1 |
| | Wolves - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | | N_A | 3 | 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/feed) | 25 | Gram | 288 | 1 | Salmonella Hato | 1 |
| | All foodstuffs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 65 | 0 | Salmonella | 0 |
| | All foodstuffs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 359 | 0 | Salmonella | 0 |
| | All foodstuffs - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 138 | 0 | Salmonella | 0 |
| | All foodstuffs - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Bakery products - bread - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Bakery products - cakes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Salmonella | 0 |
| | Bakery products - cakes - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Bakery products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Bakery products - desserts - containing heat-treated cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Bakery products - desserts - containing heat-treated cream - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Bakery products - desserts - containing heat-treated cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Bakery products - desserts - containing raw eggs and cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Bakery products - desserts - containing raw eggs and cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 1 | Salmonella Enteritidis | 1 |

| Area of Sampling | Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy | Sampling unit | Sample weight | Sample weight unit | Total units tested | Total units positive | Zoonoses | N of units positive |
|---|---|---|---|---|---|---|---|---|
| ITALIA | Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | Salmonella | 0 |
| | Bakery products - pastry - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | Salmonella | 0 |
| | Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 303 | 0 | Salmonella | 0 |
| | Bakery products - pastry - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 67 | 0 | Salmonella | 0 |
| | Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 127 | 0 | Salmonella | 0 |
| | Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | Salmonella | 0 |
| | Bakery products - pastry - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 51 | 0 | Salmonella | 0 |
| | Bakery products - pastry - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Bakery products - pastry - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Beverages, alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Beverages, non-alcoholic - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Salmonella | 0 |
| | Beverages, non-alcoholic - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Beverages, non-alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 23 | 0 | Salmonella | 0 |
| | Cereals and meals - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (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 | Cheeses made from cows' milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 32 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 39 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 39 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 71 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 6 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 32 | 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/feed) | 25 | Gram | 163 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cheeses made from cows' milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Cheeses made from goats' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | Salmonella | 0 |
| | Cheeses made from goats' milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 | Cheeses made from goats' milk - soft and semi-soft - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Salmonella | 0 |
| | Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cheeses made from sheep's milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 14 | 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/feed) | 25 | Gram | 12 | 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/feed) | 25 | Gram | 11 | 0 | Salmonella | 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/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 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/feed) | 25 | Gram | 24 | 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/feed) | 25 | Gram | 8 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 unspecified milk or other animal milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - hard - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Salmonella | 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 | 1394 | 7 | Salmonella Agona | 1 |
| | | | | | | | Salmonella Derby | 1 |
| | | | | | | | Salmonella enterica, subspecies arizonae | 1 |
| | | | | | | | Salmonella enterica, subspecies diarizonae | 4 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 54 | 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/feed) | 25 | Gram | 34 | 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/feed) | 25 | Gram | 275 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 445 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 73 | 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/feed) | 25 | Gram | 25 | 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/feed) | 25 | Gram | 10 | 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/feed) | 25 | Gram | 7 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 28 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4 | 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/feed) | 25 | Gram | 72 | 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 - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 15 | 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/feed) | 25 | Gram | 15 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 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/feed) | 25 | Gram | 25 | 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/feed) | 25 | Gram | 5 | 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/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Chocolate - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 80 | 0 | Salmonella | 0 |
| | Chocolate - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 36 | 0 | Salmonella | 0 |
| | Chocolate - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Cocoa and cocoa preparations, coffee and tea - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Cocoa and cocoa preparations, coffee and tea - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 29 | 0 | Salmonella | 0 |
| | Cocoa and cocoa preparations, coffee and tea - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Coconut - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Crustaceans - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Crustaceans - Catering - Italy - food sample - Surveillance - Official sampling - Suspect 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 | Crustaceans - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 114 | 0 | Salmonella | 0 |
| | Crustaceans - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 52 | 0 | Salmonella | 0 |
| | Crustaceans - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | Salmonella | 0 |
| | Crustaceans - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 39 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - butter - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 97 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 10 | Gram | 1 | 0 | Salmonella | 0 |
| | | | 25 | Gram | 4 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 49 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - cream - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 19 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 58 | 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 - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 404 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 614 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 187 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 105 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - milk powder and whey powder - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - milk powder and whey powder - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 35 | 0 | Salmonella | 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) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - milk powder and whey powder - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 363 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 62 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 105 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (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 | Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 33 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Salmonella | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Dairy products, unspecified - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 165 | 0 | Salmonella | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 21 | 0 | Salmonella | 0 |
| | Dairy products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Egg products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 21 | 0 | Salmonella | 0 |
| | Egg products - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Egg products - dried - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Egg products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | Salmonella | 0 |
| | Egg products - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Egg products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 303 | 2 | Salmonella spp., unspecified | 2 |
| | Egg products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Egg products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 162 | 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 - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Salmonella | 0 |
| | Egg products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | Salmonella | 0 |
| | Eggs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 0 |
| | Eggs - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Eggs - Packing centre - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 1 | Salmonella Enteritidis | 1 |
| | Eggs - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 59 | 0 | Salmonella | 0 |
| | Eggs - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 46 | 0 | Salmonella | 0 |
| | Eggs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 92 | 0 | Salmonella | 0 |
| | | | 50 | Gram | 1 | 0 | Salmonella | 0 |
| | Eggs - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 30 | 0 | Salmonella | 0 |
| | Eggs - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 72 | 0 | Salmonella | 0 |
| | Eggs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 98 | 2 | Salmonella Enteritidis | 2 |
| | Eggs - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 1 | Salmonella Enteritidis | 1 |
| | Eggs - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Eggs - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Eggs - table eggs - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Eggs - table eggs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 67 | 0 | Salmonella | 0 |
| | Eggs - table eggs - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Eggs - table eggs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 74 | 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 - shell - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Salmonella | 0 |
| | Eggs - table eggs - shell - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Salmonella | 0 |
| | Eggs - table eggs - shell - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Eggs - table eggs - shell - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Eggs - table eggs - white - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Eggs - table eggs - white - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | Salmonella | 0 |
| | Eggs - table eggs - white - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Salmonella | 0 |
| | Eggs - table eggs - yolk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Eggs - table eggs - yolk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 24 | 0 | Salmonella | 0 |
| | Eggs - table eggs - yolk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Eggs - table eggs - yolk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Eggs - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Salmonella | 0 |
| | Eggs - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Fats and oils (excluding butter) - fats - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Fats and oils (excluding butter) - fats - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | Salmonella | 0 |
| | Fish - cooked - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Fish - cooked - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Fish - marinated - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | 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 | Fish - unspecified - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Salmonella | 0 |
| | Fish - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 31 | 0 | Salmonella | 0 |
| | Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 260 | 2 | Salmonella spp., unspecified | 2 |
| | Fish - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 140 | 0 | Salmonella | 0 |
| | Fish - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 45 | 0 | Salmonella | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 60 | 0 | Salmonella | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Fish (food) - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 103 | 0 | Salmonella | 0 |
| | Fish (food) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 26 | 0 | Salmonella | 0 |
| | Fish (food) - Retail - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Fish (food) - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 162 | 0 | Salmonella | 0 |
| | Fish (food) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 30 | 0 | Salmonella | 0 |
| | Fishery products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 57 | 0 | Salmonella | 0 |
| | Fishery products, unspecified - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 51 | 0 | Salmonella | 0 |
| | Fishery products, unspecified - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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 | Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 143 | 0 | Salmonella | 0 |
| | Fishery products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 587 | 0 | Salmonella | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 212 | 0 | Salmonella | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | Salmonella | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 9 | 0 | Salmonella | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 101 | 0 | Salmonella | 0 |
| | Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | Salmonella | 0 |
| | Fishery products, unspecified - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 7 | 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/feed) | 25 | Gram | 45 | 0 | Salmonella | 0 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 35 | 0 | Salmonella | 0 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 36 | 0 | Salmonella | 0 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 37 | 0 | Salmonella | 0 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 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/feed) | 25 | Gram | 20 | 0 | Salmonella | 0 |
| | Fruits - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 117 | 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 - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 15 | 0 | Salmonella | 0 |
| | Fruits - products - dried - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Fruits - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Salmonella | 0 |
| | Fruits - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | Salmonella | 0 |
| | Fruits - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Fruits - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 26 | 0 | Salmonella | 0 |
| | Fruits and vegetables - products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 0 |
| | Fruits and vegetables - products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Fruits and vegetables - products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | Salmonella | 0 |
| | Infant formula - liquid - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Salmonella | 0 |
| | Infant formula - liquid - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 0 | Salmonella | 0 |
| | Infant formula - liquid - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Infant formula - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 60 | 0 | Salmonella | 0 |
| | Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 150 | 0 | Salmonella | 0 |
| | Infant formula - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Infant formula - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 0 |
| | Juice - fruit juice - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 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 | Juice - fruit juice - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | Salmonella | 0 |
| | Juice - fruit juice - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Meat from bovine animals - carcase - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | Salmonella | 0 |
| | Meat from bovine animals - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified | single (food/feed) | 400 | Square centimetre | 19 | 0 | Salmonella | 0 |
| | Meat from bovine animals - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified | single (food/feed) | 400 | Square centimetre | 192 | 0 | Salmonella | 0 |
| | Meat from bovine animals - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from bovine animals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3572 | 0 | Salmonella | 0 |
| | Meat from bovine animals - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 123 | 0 | Salmonella | 0 |
| | Meat from bovine animals - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 24 | 0 | Salmonella | 0 |
| | Meat from bovine animals - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 38 | 0 | Salmonella | 0 |
| | Meat from bovine animals - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 10 | Gram | 2 | 0 | Salmonella | 0 |
| | | | 25 | Gram | 4 | 0 | Salmonella | 0 |
| | Meat from bovine animals - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 43 | 1 | Salmonella Muenster | 1 |
| | Meat from bovine animals - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Meat from bovine animals - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from bovine animals - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | Salmonella | 0 |
| | Meat from bovine animals - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 25 | 0 | Salmonella | 0 |
| | Meat from bovine animals - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 122 | 1 | 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 bovine animals - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 36 | 0 | Salmonella | 0 |
| | Meat from bovine animals - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 66 | 0 | Salmonella | 0 |
| | Meat from bovine animals - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 128 | 24 | Salmonella Bredeney | 7 |
| | | | | | | | Salmonella Enteritidis | 1 |
| | | | | | | | Salmonella Infantis | 20 |
| | Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 81 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 103 | 9 | Salmonella Infantis | 6 |
| | | | | | | | Salmonella Kedougou | 1 |
| | | | | | | | Salmonella spp., unspecified | 1 |
| | | | | | | | Salmonella Typhimurium, monophasic | 1 |
| | Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 40 | 1 | Salmonella Infantis | 1 |
| | Meat from broilers (Gallus gallus) - meat preparation - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 55 | 2 | Salmonella Infantis | 2 |
| | Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1099 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | Salmonella | 0 |

| Area of Sampling | Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy | Sampling unit | Sample weight | Sample weight unit | Total units tested | Total units positive | Zoonoses | N of units positive |
|---|---|---|---|---|---|---|---|---|
| ITALIA | Meat from broilers (Gallus gallus) - mechanically separated meat (MSM) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | Salmonella | 0 |
| | Meat from broilers (Gallus gallus) - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 1 | Salmonella Infantis | 1 |
| | Meat from broilers (Gallus gallus) - offal - liver - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Meat from duck - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 2 | Salmonella Typhimurium | 2 |
| | Meat from duck - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 4 | Salmonella Typhimurium, monophasic | 4 |
| | Meat from duck - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Meat from geese - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Meat from goat - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified | single (food/feed) | 400 | Square centimetre | 1 | 0 | Salmonella | 0 |
| | Meat from horse - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified | single (food/feed) | 400 | Square centimetre | 6 | 0 | Salmonella | 0 |
| | Meat from horse - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified | single (food/feed) | 400 | Square centimetre | 15 | 0 | Salmonella | 0 |
| | Meat from horse - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Meat from horse - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 119 | 2 | Salmonella Derby | 1 |
| | | | | | | | Salmonella Typhimurium, monophasic | 1 |
| | Meat from other animal species or not specified - carcase - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 31 | 1 | Salmonella Infantis | 1 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 312 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 12 | 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 - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 352 | 31 | Salmonella Derby | 1 |
| | | | | | | | Salmonella Enteritidis | 2 |
| | | | | | | | Salmonella Infantis | 4 |
| | | | | | | | Salmonella Kentucky | 1 |
| | | | | | | | Salmonella Muenchen | 2 |
| | | | | | | | Salmonella Muenster | 1 |
| | | | | | | | Salmonella Newport | 3 |
| | | | | | | | Salmonella Ohio | 1 |
| | | | | | | | Salmonella Paratyphi B | 1 |
| | | | | | | | Salmonella Saintpaul | 8 |
| | | | | | | | Salmonella Schwarzengrund | 2 |
| | | | | | | | Salmonella spp., unspecified | 3 |
| | | | | | | | Salmonella Typhimurium, monophasic | 2 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 10 | 1 | Salmonella Typhimurium, monophasic | 1 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 134 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 474 | 26 | Salmonella Infantis | 20 |
| | | | | | | | Salmonella Kentucky | 1 |
| | | | | | | | Salmonella Muenchen | 2 |
| | | | | | | | Salmonella spp., unspecified | 3 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 77 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 90 | 6 | Salmonella Enteritidis | 6 |
| | Meat from other animal species or not specified - fresh - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 60 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - meat preparation - Catering - 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 preparation - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 10 | 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/feed) | 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 | 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/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - meat preparation - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 808 | 59 | Salmonella Agama | 1 |
| | | | | | | | Salmonella Agona | 1 |
| | | | | | | | Salmonella Bradford | 1 |
| | | | | | | | Salmonella Bredeney | 1 |
| | | | | | | | Salmonella Coeln | 1 |
| | | | | | | | Salmonella Derby | 6 |
| | | | | | | | Salmonella Give | 1 |
| | | | | | | | Salmonella Haifa | 1 |
| | | | | | | | Salmonella Indiana | 3 |
| | | | | | | | Salmonella Infantis | 14 |
| | | | | | | | Salmonella Kapemba | 2 |
| | | | | | | | Salmonella Kedougou | 3 |
| | | | | | | | Salmonella London | 1 |
| | | | | | | | Salmonella spp., unspecified | 10 |
| | | | | | | | Salmonella Typhimurium | 5 |
| | | | | | | | Salmonella Typhimurium, monophasic | 9 |
| | Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 8 | 0 | Salmonella | 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/feed) | 25 | Gram | 1 | 0 | Salmonella | 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/feed) | 25 | Gram | 65 | 7 | Salmonella Derby | 1 |
| | | | | | | | Salmonella spp., unspecified | 5 |
| | | | | | | | Salmonella Typhimurium, monophasic | 1 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 914 | 66 | Salmonella Anatum | 1 |
| | | | | | | | Salmonella Coeln | 1 |
| | | | | | | | Salmonella Derby | 2 |
| | | | | | | | Salmonella Hadar | 1 |
| | | | | | | | Salmonella Haifa | 1 |
| | | | | | | | Salmonella Infantis | 32 |
| | | | | | | | Salmonella Kapemba | 1 |
| | | | | | | | Salmonella Kedougou | 1 |
| | | | | | | | Salmonella Kentucky | 2 |
| | | | | | | | Salmonella London | 1 |
| | | | | | | | Salmonella Panama | 1 |
| | | | | | | | Salmonella Rissen | 1 |
| | | | | | | | Salmonella spp., unspecified | 6 |
| | | | | | | | Salmonella Thompson | 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 - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 914 | 66 | 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/feed) | 25 | Gram | 188 | 5 | Salmonella Derby | 3 |
| | | | | | | | Salmonella Typhimurium | 2 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 49 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 1 | Salmonella Infantis | 1 |
| | Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 86 | 11 | Salmonella Rissen | 2 |
| | | | | | | | Salmonella spp., unspecified | 2 |
| | | | | | | | Salmonella Typhimurium, monophasic | 7 |
| | Meat from other animal species or not specified - meat products - Catering - 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 - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 142 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - meat products - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 28 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - meat products - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 57 | 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 | 1373 | 101 | Salmonella Agona | 1 |
| | | | | | | | Salmonella Anatum | 1 |
| | | | | | | | Salmonella Bovismorbificans | 4 |
| | | | | | | | Salmonella Brandenburg | 1 |
| | | | | | | | Salmonella Derby | 11 |
| | | | | | | | Salmonella Give | 1 |
| | | | | | | | Salmonella Infantis | 15 |
| | | | | | | | Salmonella London | 3 |
| | | | | | | | Salmonella Rissen | 4 |
| | | | | | | | Salmonella spp., unspecified | 30 |
| | | | | | | | Salmonella Typhimurium, monophasic | 29 |
| | | | | | | | Salmonella Virchow | 1 |
| | 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 | 120 | 1 | Salmonella Typhimurium | 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 | 66 | 6 | Salmonella spp., unspecified | 6 |
| | 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 | 188 | 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 - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1611 | 33 | Salmonella Brandenburg | 1 |
| | | | | | | | Salmonella Derby | 3 |
| | | | | | | | Salmonella Give | 1 |
| | | | | | | | Salmonella Livingstone | 3 |
| | | | | | | | Salmonella London | 2 |
| | | | | | | | Salmonella Rissen | 1 |
| | | | | | | | Salmonella spp., unspecified | 16 |
| | | | | | | | Salmonella Typhimurium | 1 |
| | | | | | | | Salmonella Typhimurium, monophasic | 5 |
| | Meat from other animal species or not specified - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 18 | 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 | 2 | 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 | 300 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - meat products - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified | single (food/feed) | 400 | Square centimetre | 1 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 58 | 1 | Salmonella Infantis | 1 |
| | Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - mechanically separated meat (MSM) - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 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/feed) | 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/feed) | 25 | Gram | 8 | 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/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 1 | Salmonella spp., unspecified | 1 |
| | Meat from other animal species or not specified - minced meat - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 27 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - minced meat - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - minced meat - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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 other animal species or not specified - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 100 | 1 | Salmonella Infantis | 1 |
| | Meat from other animal species or not specified - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 33 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 455 | 9 | Salmonella Derby | 1 |
| | | | | | | | Salmonella Infantis | 1 |
| | | | | | | | Salmonella London | 1 |
| | | | | | | | Salmonella spp., unspecified | 4 |
| | | | | | | | Salmonella Thompson | 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/feed) | 25 | Gram | 25 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - minced meat - 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 - minced meat - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 253 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - minced meat - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - offal - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 42 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - offal - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - offal - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 36 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 100 | 5 | Salmonella Infantis | 2 |
| | | | | | | | Salmonella Livingstone | 1 |
| | | | | | | | Salmonella Muenchen | 1 |
| | | | | | | | Salmonella Typhimurium, monophasic | 1 |
| | Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 3 | 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/feed) | 25 | Gram | 23 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - offal - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 58 | 0 | Salmonella | 0 |
| | Meat from other animal species or not specified - offal - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4 | 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 - offal - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Meat from pig - carcase - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 26 | 0 | Salmonella | 0 |
| | Meat from pig - carcase - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 27 | 1 | Salmonella Enteritidis | 1 |
| | Meat from pig - carcase - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Meat from pig - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Control and eradication programmes - HACCP and own check - Objective sampling | single (food/feed) | 400 | Square centimetre | 13726 | 202 | Salmonella spp., unspecified | 202 |
| | Meat from pig - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Control and eradication programmes - Official, based on Regulation 854/2004 - Objective sampling | single (food/feed) | 400 | Square centimetre | 6030 | 260 | Salmonella spp., unspecified | 260 |
| | Meat from pig - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | Salmonella | 0 |
| | Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 42 | 0 | Salmonella | 0 |
| | Meat from pig - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 166 | 0 | Salmonella | 0 |
| | Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 37 | 1 | Salmonella Derby | 1 |
| | Meat from pig - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 237 | 10 | Salmonella Derby | 5 |
| | | | | | | | Salmonella Typhimurium | 2 |
| | | | | | | | Salmonella Typhimurium, monophasic | 3 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 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/feed) | 25 | Gram | 96 | 0 | Salmonella | 0 |
| | Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 159 | 13 | Salmonella Derby | 3 |
| | | | | | | | Salmonella Panama | 1 |
| | | | | | | | Salmonella Rissen | 4 |
| | | | | | | | Salmonella Typhimurium | 5 |
| | Meat from pig - meat preparation - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Meat from pig - meat preparation - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | 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 | Meat from pig - meat preparation - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 21 | 0 | Salmonella | 0 |
| | Meat from pig - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 1 | Salmonella Typhimurium, monophasic | 1 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1112 | 6 | Salmonella Derby | 1 |
| | | | | | | | Salmonella Panama | 1 |
| | | | | | | | Salmonella spp., unspecified | 1 |
| | | | | | | | Salmonella Typhimurium | 1 |
| | | | | | | | Salmonella Typhimurium, monophasic | 3 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 10 | Gram | 9 | 0 | Salmonella | 0 |
| | | | 25 | Gram | 2387 | 0 | Salmonella | 0 |
| | Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 458 | 8 | Salmonella Rissen | 3 |
| | | | | | | | Salmonella spp., unspecified | 4 |
| | | | | | | | Salmonella Typhimurium, monophasic | 1 |
| | Meat from pig - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Meat from pig - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 25 | 0 | Salmonella | 0 |
| | Meat from pig - mechanically separated meat (MSM) - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 2 | Salmonella London | 2 |
| | Meat from pig - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 100 | 0 | Salmonella | 0 |
| | Meat from pig - minced meat - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Meat from pig - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 0 | Salmonella | 0 |
| | Meat from pig - minced meat - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Meat from pig - offal - liver - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from pig - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Meat from rabbit - carcase - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (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 | Meat from rabbit - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 43 | 0 | Salmonella | 0 |
| | Meat from rabbit - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 6 | 0 | Salmonella | 0 |
| | Meat from rabbit - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 41 | 2 | Salmonella Enteritidis | 2 |
| | Meat from sheep - carcase - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | Salmonella | 0 |
| | Meat from sheep - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified | single (food/feed) | 400 | Square centimetre | 23 | 0 | Salmonella | 0 |
| | Meat from sheep - carcase - Slaughterhouse - Italy - food sample - carcase swabs - Unspecified - HACCP and own check - Not specified | single (food/feed) | 400 | Square centimetre | 10 | 0 | Salmonella | 0 |
| | Meat from sheep - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Meat from sheep - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from sheep - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 0 | Salmonella | 0 |
| | Meat from sheep - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from sheep - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Meat from sheep - mechanically separated meat (MSM) - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from turkey - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Meat from turkey - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 50 | 0 | Salmonella | 0 |
| | Meat from turkey - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from turkey - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 1 | Salmonella London | 1 |
| | Meat from turkey - fresh - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Meat from turkey - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 turkey - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | Salmonella | 0 |
| | Meat from turkey - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 64 | 6 | Salmonella Bredeney | 2 |
| | | | | | | | Salmonella Hadar | 4 |
| | Meat from turkey - meat preparation - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from turkey - meat products - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Meat from turkey - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 0 |
| | Meat from turkey - mechanically separated meat (MSM) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 16 | 0 | Salmonella | 0 |
| | Meat from turkey - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 1 | Salmonella Newport | 1 |
| | Meat from turkey - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 1 | Salmonella Bredeney | 1 |
| | Meat from wild game - birds - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 4 | Salmonella Derby | 2 |
| | | | | | | | Salmonella Typhimurium | 2 |
| | Meat from wild game - land mammals - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 147 | 2 | Salmonella spp., unspecified | 1 |
| | | | | | | | Salmonella Typhimurium, monophasic | 1 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 8 | 0 | Salmonella | 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 | 134 | 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/feed) | 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/feed) | 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 | Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 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) | 25 | Gram | 16 | 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/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 7 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - raw milk - made from pasteurised milk - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 31 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 126 | 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/feed) | 25 | Gram | 16 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 508 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 16 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 40 | 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/feed) | 25 | Gram | 4 | 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/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 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/feed) | 25 | Gram | 24 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 141 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | 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 | Milk from other animal species or unspecified - UHT milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - UHT milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - UHT milk - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 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/feed) | 25 | Gram | 12 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - UHT milk - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Milk from other animal species or unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 0 |
| | Milk, cows' - raw milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Milk, cows' - raw milk - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Milk, cows' - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 24 | 0 | Salmonella | 0 |
| | Milk, cows' - raw milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 31 | 0 | Salmonella | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 159 | 0 | Salmonella | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Milk, cows' - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Milk, cows' - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | 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 | Molluscan shellfish - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 314 | 5 | Salmonella Bardo | 1 |
| | | | | | | | Salmonella Coeln | 1 |
| | | | | | | | Salmonella Newport | 1 |
| | | | | | | | Salmonella Typhimurium, monophasic | 2 |
| | Molluscan shellfish - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Molluscan shellfish - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 43 | 0 | Salmonella | 0 |
| | Molluscan shellfish - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1998 | 7 | Salmonella Rissen | 2 |
| | | | | | | | Salmonella Typhimurium | 2 |
| | | | | | | | Salmonella Typhimurium, monophasic | 1 |
| | | | | | | | Salmonella Veneziana | 2 |
| | Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Molluscan shellfish - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 197 | 0 | Salmonella | 0 |
| | Molluscan shellfish - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Molluscan shellfish - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1029 | 10 | Salmonella Agama | 1 |
| | | | | | | | Salmonella Enteritidis | 1 |
| | | | | | | | Salmonella Kapemba | 1 |
| | | | | | | | Salmonella spp., unspecified | 1 |
| | | | | | | | Salmonella Typhimurium | 2 |
| | | | | | | | Salmonella Typhimurium, monophasic | 3 |
| | | | | | | | Salmonella V 48:z35:- | 1 |
| | Molluscan shellfish - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 25 | 1 | Salmonella Typhimurium | 1 |
| | Molluscan shellfish - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 0 |
| | Molluscan shellfish - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - pasta - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 29 | 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 - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 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/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 214 | 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/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 166 | 1 | Salmonella Enteritidis | 1 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 72 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - pasta - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 17 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1347 | 1 | Salmonella spp., unspecified | 1 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 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 | 745 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - environmental sample - Unspecified - HACCP and own check - Not specified | single (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 | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 412 | 3 | Salmonella Coeln | 1 |
| | | | | | | | Salmonella spp., unspecified | 2 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 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 | 45 | 1 | Salmonella spp., unspecified | 1 |
| | 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 | 122 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 872 | 3 | Salmonella spp., unspecified | 3 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 20 | 0 | Salmonella | 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 | 7 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 516 | 0 | Salmonella | 0 |
| | Other processed food products and prepared dishes - unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | Salmonella | 0 |
| | Other products of animal origin - gelatin and collagen - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Other products of animal origin - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Other products of animal origin - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 21 | 0 | Salmonella | 0 |
| | Sauce and dressings - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Sauce and dressings - mayonnaise - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Sauce and dressings - mayonnaise - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Sauce and dressings - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 28 | 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 - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 72 | 0 | Salmonella | 0 |
| | Spices and herbs - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Spices and herbs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | Salmonella | 0 |
| | Spices and herbs - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 17 | 0 | Salmonella | 0 |
| | Spices and herbs - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Spices and herbs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 58 | 0 | Salmonella | 0 |
| | Spices and herbs - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Spices and herbs - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Sweets - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Sweets - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 0 |
| | Sweets - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 69 | 0 | Salmonella | 0 |
| | Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 2 | Salmonella Enteritidis | 2 |
| | Vegetables - bulb/ clove - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Vegetables - bulb/ clove - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Salmonella | 0 |
| | Vegetables - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 36 | 0 | Salmonella | 0 |
| | Vegetables - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 28 | 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 - leaves - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 192 | 0 | Salmonella | 0 |
| | Vegetables - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 83 | 0 | Salmonella | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 532 | 0 | Salmonella | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 15 | 0 | Salmonella | 0 |
| | Vegetables - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 12 | 0 | Salmonella | 0 |
| | Vegetables - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 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) | 25 | Gram | 3 | 1 | Salmonella London | 1 |
| | All feedingstuffs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | All feedingstuffs - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | All feedingstuffs - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Complementary feedingstuffs - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | | single (food/feed) | 25 | Gram | 74 | 1 | Salmonella London | 1 |
| | Complementary feedingstuffs - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 20 | 1 | Salmonella Bongori | 1 |
| | Complementary feedingstuffs - Farm - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Complementary feedingstuffs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | | single (food/feed) | 25 | Gram | 31 | 0 | Salmonella | 0 |
| | Complementary feedingstuffs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 12 | 0 | Salmonella | 0 |
| | Complementary feedingstuffs - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | | single (food/feed) | 25 | Gram | 27 | 1 | Salmonella Cerro | 1 |
| | Complementary feedingstuffs - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 9 | 0 | Salmonella | 0 |
| | Complementary feedingstuffs - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for cattle - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | | single (food/feed) | 25 | Gram | 9 | 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 - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for cattle - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for fish - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for horses - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 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 |
| | | single (food/feed) | 25 | Gram | 5 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for pigs - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 13 | 1 | Salmonella Livingstone | 1 |
| | | single (food/feed) | 25 | Gram | 4 | 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 | 70 | 2 | Salmonella Kentucky | 1 |
| | | | | | | | Salmonella Typhimurium, monophasic | 1 |
| | | single (food/feed) | 25 | Gram | 20 | 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) - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 91 | 1 | Salmonella Typhimurium | 1 |
| | | single (food/feed) | 25 | Gram | 10 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for poultry (non specified) - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 146 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for poultry (non specified) - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 17 | 0 | Salmonella | 0 |
| | | single (food/feed) | 25 | Gram | 11 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for poultry (non specified) - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 1 | 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 | Compound feedingstuffs for poultry (non specified) - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 19 | 0 | Salmonella | 0 |
| | | single (food/feed) | 25 | Gram | 11 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for poultry, broilers - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for poultry, broilers - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for rabbits - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 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 |
| | Compound feedingstuffs for rabbits - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Compound feedingstuffs for sheep - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 4 | 0 | Salmonella | 0 |
| | | single (food/feed) | 25 | Gram | 3 | 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 for sheep - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Compound feedingstuffs, not specified - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 2 | 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 | 3 | 0 | Salmonella | 0 |
| | Feed material of cereal grain origin - barley 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 - barley derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Feed material of cereal grain origin - barley 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 - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 4 | 0 | Salmonella | 0 |
| | | single (food/feed) | 25 | Gram | 13 | 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 - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 3 | 1 | Salmonella Typhimurium | 1 |
| | 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 | 4 | 0 | Salmonella | 0 |
| | Feed material of cereal grain origin - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 5 | 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 | 1 | 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 | 1 | 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 |
| | Feed material of cereal grain origin - maize 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 - other cereal grain 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 - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | | 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 | 1 | 0 | Salmonella | 0 |
| | Feed material of land animal origin - animal fat - Farm - 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 | 4 | 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 | 26 | 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 | 10 | 0 | Salmonella | 0 |
| | Feed material of land animal origin - meat and bone meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 | Feed material of land animal origin - meat and bone meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling | 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 | single (food/feed) | 25 | Gram | 1 | 1 | Salmonella Apeyeme | 1 |
| | Feed material of land animal origin - meat meal - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 237 | 58 | Salmonella Agona | 1 |
| | | | | | | | Salmonella Anatum | 5 |
| | | | | | | | Salmonella Bredeney | 1 |
| | | | | | | | Salmonella Cerro | 2 |
| | | | | | | | Salmonella Derby | 2 |
| | | | | | | | Salmonella enterica, subspecies enterica | 5 |
| | | | | | | | Salmonella group O:4 | 1 |
| | | | | | | | Salmonella Infantis | 5 |
| | | | | | | | Salmonella Isangi | 2 |
| | | | | | | | Salmonella Livingstone | 22 |
| | | | | | | | Salmonella London | 2 |
| | | | | | | | Salmonella Mbandaka | 2 |
| | | | | | | | Salmonella Montevideo | 1 |
| | | | | | | | Salmonella Muenster | 3 |
| | | | | | | | Salmonella Orion | 2 |
| | | | | | | | Salmonella Senftenberg | 2 |
| | Feed material of land animal origin - meat meal - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Feed material of marine animal origin - fish meal - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Feed material of marine animal origin - fish meal - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling | 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 | single (food/feed) | 25 | Gram | 1 | 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 | 28 | 0 | Salmonella | 0 |
| | Feed material of marine animal origin - fish meal - Retail - 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 - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Feed material of oil seed or fruit origin - Farm - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 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 | 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 | 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 | 4 | 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 | 2 | Salmonella Llandoff | 2 |
| | | single (food/feed) | 25 | Gram | 21 | 0 | Salmonella | 0 |
| | Feed material of oil seed or fruit origin - soya (bean) derived - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 27 | 1 | Salmonella Mbandaka | 1 |
| | Feed material of oil seed or fruit origin - soya (bean) derived - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 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) | 25 | Gram | 13 | 2 | Salmonella Muenster | 1 |
| | | | | | | | Salmonella Rissen | 1 |
| | Other feed material - drinking water - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Other feed material - drinking water - Farm - Italy - feed sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 24 | 2 | Salmonella spp., unspecified | 2 |
| | Other feed material - drinking water - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Other feed material - Farm - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 56 | 1 | Salmonella Veneziana | 1 |
| | | single (food/feed) | 25 | Gram | 170 | 0 | Salmonella | 0 |
| | Other feed material - Farm - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 47 | 1 | Salmonella Agona | 1 |
| | Other feed material - Farm - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 40 | 6 | Salmonella group C1 | 1 |
| | | | | | | | Salmonella Livingstone | 3 |
| | | | | | | | Salmonella Other serovars | 1 |
| | | | | | | | Salmonella Worthington | 1 |
| | Other feed material - Farm - Italy - feed sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Salmonella | 0 |
| | Other feed material - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 81 | 2 | Salmonella spp., unspecified | 2 |
| | | single (food/feed) | 25 | Gram | 277 | 2 | Salmonella Give | 1 |
| | | | | | | | Salmonella Senftenberg | 1 |
| | Other feed material - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 104 | 1 | Salmonella Senftenberg | 1 |
| | Other feed material - Feed mill - Italy - feed sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1116 | 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 - forages and roughages - Feed mill - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Other feed material - legume seeds and similar products - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Other feed material - Retail - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 11 | 0 | Salmonella | 0 |
| | | single (food/feed) | 25 | Gram | 60 | 0 | Salmonella | 0 |
| | | | 50 | Gram | 1 | 1 | Salmonella Dublin | 1 |
| | Other feed material - Retail - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 15 | 0 | Salmonella | 0 |
| | Other feed material - Retail - Italy - feed sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Other feed material - Retail - Italy - feed sample - Survey - national survey - Not applicable - Objective sampling | batch (food/feed) | 25 | Gram | 1 | 0 | Salmonella | 0 |
| | Other feed material - Retail - Italy - feed sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Salmonella | 0 |
| | Other feed material - Unspecified - Italy - feed sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Other feed material - Wholesale - Italy - feed sample - Surveillance - Official sampling - Not specified | batch (food/feed) | 25 | Gram | 15 | 5 | Salmonella Give | 3 |
| | | | | | | | Salmonella Muenchen | 2 |
| | | single (food/feed) | 25 | Gram | 6 | 0 | Salmonella | 0 |
| | Other feed material - Wholesale - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | Salmonella | 0 |
| | Premixtures - Feed mill - Italy - feed sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 6 | 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 - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | All foodstuffs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcal enterotoxins | 0 |
| | Bakery products - cakes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Bakery products - desserts - containing heat-treated cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Bakery products - pastry - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcal enterotoxins | 0 |
| | Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Beverages, non-alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from cows' milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from cows' milk - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from cows' milk - hard - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 43 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 50 | 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 - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 65 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from cows' milk - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from goats' milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 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/feed) | 25 | Gram | 4 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcal enterotoxins | 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 | Staphylococcal enterotoxins | 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 | 4 | 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/feed) | 25 | Gram | 11 | 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/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 4 | 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/feed) | 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/feed) | 25 | Gram | 4 | 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/feed) | 25 | Gram | 496 | 3 | Enterotoxin, unspecified | 1 |
| | | | | | | | Staphylococcal enterotoxins | 2 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 18 | 0 | Staphylococcal enterotoxins | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 303 | 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 - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 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/feed) | 25 | Gram | 19 | 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/feed) | 25 | Gram | 4 | 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/feed) | 25 | Gram | 26 | 0 | Staphylococcal enterotoxins | 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/feed) | 25 | Gram | 7 | 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/feed) | 25 | Gram | 23 | 1 | Staphylococcal enterotoxins | 1 |
| | 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 | Staphylococcal enterotoxins | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Wholesale - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Crustaceans - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 13 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - milk powder and whey powder - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 79 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 16 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 50 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 116 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 10 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcal enterotoxins | 0 |
| | Dairy products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Egg products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Egg products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | Staphylococcal enterotoxins | 0 |
| | Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 29 | 0 | Staphylococcal enterotoxins | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 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 | Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Staphylococcal enterotoxins | 0 |
| | Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 50 | 0 | Staphylococcal enterotoxins | 0 |
| | Fish (food) - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcal enterotoxins | 0 |
| | Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Fishery products, unspecified - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | Staphylococcal enterotoxins | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 0 | Staphylococcal enterotoxins | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcal enterotoxins | 0 |
| | Fishery products, unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Fruits - products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Infant formula - liquid - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcal enterotoxins | 0 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 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/feed) | 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 other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 3 | 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/feed) | 25 | Gram | 4 | 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/feed) | 25 | Gram | 16 | 0 | Staphylococcal enterotoxins | 0 |
| | Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | Staphylococcal enterotoxins | 0 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcal enterotoxins | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 0 | Staphylococcal enterotoxins | 0 |
| | Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Meat from pig - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 16 | 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/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 15 | 0 | Staphylococcal enterotoxins | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | Staphylococcal enterotoxins | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 - Not specified | single (food/feed) | 25 | Gram | 26 | 0 | Staphylococcal enterotoxins | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | Staphylococcal enterotoxins | 0 |
| | Milk, sheep's - pasteurised milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 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/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 0 | Staphylococcal enterotoxins | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcal enterotoxins | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 29 | 0 | Staphylococcal enterotoxins | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 21 | 0 | Staphylococcal enterotoxins | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 45 | 1 | Staphylococcal enterotoxins | 1 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcal enterotoxins | 0 |
| | Sauce and dressings - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcal enterotoxins | 0 |
| | Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | Staphylococcal enterotoxins | 0 |
| | Vegetables - bulb/ clove - 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 | 5 | 0 | Staphylococcal enterotoxins | 0 |
| | Vegetables - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Staphylococcal enterotoxins | 0 |
| | Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | 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 | Alpacas - zoo animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Staphylococcus | 0 |
| | Alpacas - zoo animals - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 5 | 5 | Staphylococcus aureus | 1 |
| | | | | | Staphylococcus spp., unspecified | 4 |
| | Birds - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Staphylococcus | 0 |
| | Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Staphylococcus | 0 |
| | Birds - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 1 | Staphylococcus aureus | 1 |
| | Canary - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 20 | 7 | Staphylococcus aureus | 1 |
| | | | | | Staphylococcus spp., unspecified | 6 |
| | Cats - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 12 | 4 | Staphylococcus aureus | 2 |
| | | | | | Staphylococcus spp., unspecified | 2 |
| | Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 4 | 0 | Staphylococcus | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 55 | 26 | Staphylococcus aureus | 5 |
| | | | | | Staphylococcus spp., unspecified | 21 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 7 | 3 | Staphylococcus spp., unspecified | 3 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | herd/flock | 35 | 7 | Staphylococcus aureus | 7 |
| | | holding | 319 | 221 | Staphylococcus aureus | 128 |
| | | | | | Staphylococcus spp., unspecified | 93 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 163 | 26 | Staphylococcus aureus | 2 |
| | | | | | Staphylococcus spp., unspecified | 24 |
| | | holding | 7 | 1 | Staphylococcus spp., unspecified | 1 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 1 | Staphylococcus spp., unspecified | 1 |
| | | herd/flock | 57 | 2 | Staphylococcus spp., unspecified | 2 |
| | Cattle (bovine animals) - meat production animals - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling | animal | 15 | 0 | Staphylococcus | 0 |
| | Cattle (bovine animals) - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 59 | 16 | Staphylococcus aureus | 5 |
| | | | | | Staphylococcus spp., unspecified | 11 |
| | Corvids, unspecified - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 4 | 1 | Staphylococcus aureus | 1 |
| | Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 10 | 4 | Staphylococcus spp., unspecified | 4 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 42 | 16 | Staphylococcus aureus | 2 |
| | | | | | Staphylococcus intermedius | 2 |
| | | | | | Staphylococcus spp., unspecified | 12 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 63 | 34 | Staphylococcus aureus | 2 |
| | | | | | Staphylococcus intermedius | 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 | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 63 | 34 | Staphylococcus spp., unspecified | 31 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 38 | 20 | Staphylococcus aureus | 1 |
| | | | | | Staphylococcus intermedius | 15 |
| | | | | | Staphylococcus spp., unspecified | 4 |
| | Dormice - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Staphylococcus aureus | 1 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 2 | Staphylococcus intermedius | 1 |
| | | | | | Staphylococcus spp., unspecified | 1 |
| | Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 55 | 14 | Staphylococcus spp., unspecified | 14 |
| | Gallus gallus (fowl) - broilers - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 5 | 0 | Staphylococcus | 0 |
| | Gallus gallus (fowl) - broilers - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 2 | Staphylococcus spp., unspecified | 2 |
| | Gallus gallus (fowl) - mixed flocks/holdings - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Staphylococcus | 0 |
| | Giraffes - zoo animal - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Staphylococcus spp., unspecified | 1 |
| | Goats - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | holding | 8 | 2 | Staphylococcus aureus | 2 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 33 | 20 | Staphylococcus aureus | 3 |
| | | | | | Staphylococcus spp., unspecified | 17 |
| | | holding | 15 | 0 | Staphylococcus | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 13 | 8 | Staphylococcus aureus | 2 |
| | | | | | Staphylococcus intermedius | 1 |
| | | | | | Staphylococcus spp., unspecified | 5 |
| | Guinea pigs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 2 | 2 | Staphylococcus aureus | 1 |
| | | | | | Staphylococcus spp., unspecified | 1 |
| | Guinea pigs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Staphylococcus spp., unspecified | 1 |
| | Hares - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 42 | 42 | Staphylococcus spp., unspecified | 42 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 9 | 4 | Staphylococcus spp., unspecified | 4 |
| | Parrots - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 6 | 2 | Staphylococcus spp., unspecified | 2 |
| | Pigeons - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Staphylococcus spp., unspecified | 1 |
| | Pigeons - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 2 | Staphylococcus spp., unspecified | 2 |
| | Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Staphylococcus | 0 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 3 | 0 | Staphylococcus | 0 |
| | | holding | 5 | 1 | Staphylococcus spp., unspecified | 1 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 2 | 0 | Staphylococcus | 0 |
| | Pigs - fattening pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 8 | 4 | Staphylococcus spp., unspecified | 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 |
|---|---|---|---|---|---|---|
| ITALIA | Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 11 | 6 | Staphylococcus spp., unspecified | 6 |
| | Rabbits - farmed - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 5 | 2 | Staphylococcus spp., unspecified | 2 |
| | Rabbits - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Staphylococcus intermedius | 1 |
| | Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 5 | 0 | Staphylococcus | 0 |
| | Reptiles - pet animals - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Staphylococcus spp., unspecified | 1 |
| | Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | holding | 41 | 28 | Staphylococcus aureus | 15 |
| | | | | | Staphylococcus spp., unspecified | 13 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 7 | 7 | Staphylococcus spp., unspecified | 7 |
| | | herd/flock | 234 | 190 | Staphylococcus aureus | 53 |
| | | | | | Staphylococcus intermedius | 2 |
| | | | | | Staphylococcus spp., unspecified | 135 |
| | | holding | 42 | 2 | Staphylococcus aureus | 1 |
| | | | | | Staphylococcus spp., unspecified | 1 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 102 | 86 | Staphylococcus aureus | 64 |
| | | | | | Staphylococcus spp., unspecified | 22 |
| | Sheep - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | herd/flock | 2 | 0 | Staphylococcus | 0 |
| | Sheep - mixed herds - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | holding | 4 | 4 | Staphylococcus aureus | 2 |
| | | | | | Staphylococcus spp., unspecified | 2 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 1 | Staphylococcus spp., unspecified | 1 |
| | Sheep - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Staphylococcus | 0 |
| | | herd/flock | 1 | 1 | Staphylococcus spp., unspecified | 1 |
| | Snakes - zoo animal - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Staphylococcus spp., unspecified | 1 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 1 | Staphylococcus spp., unspecified | 1 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 10 | 8 | Staphylococcus aureus | 2 |
| | | | | | Staphylococcus spp., unspecified | 6 |
| | | holding | 25 | 2 | Staphylococcus spp., unspecified | 2 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 29 | 18 | Staphylococcus aureus | 1 |
| | | | | | Staphylococcus spp., unspecified | 17 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 2 | 2 | Staphylococcus spp., unspecified | 2 |
| | | herd/flock | 1 | 0 | Staphylococcus | 0 |
| | Solipeds, domestic - horses - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 9 | 3 | Staphylococcus aureus | 1 |
| | | | | | Staphylococcus spp., unspecified | 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 | Turkeys - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Staphylococcus | 0 |
| | Water buffalos - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | holding | 1 | 1 | Staphylococcus spp., unspecified | 1 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 19 | 7 | Staphylococcus aureus | 1 |
| | | | | | Staphylococcus spp., unspecified | 6 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 1 | Staphylococcus spp., unspecified | 1 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 3 | 0 | Staphylococcus | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - 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 | All foodstuffs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | Staphylococcus | 0 |
| | Bakery products - desserts - containing heat-treated cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Bakery products - desserts - containing heat-treated cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Bakery products - pastry - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Bakery products - pastry - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Bakery products - pastry - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 82 | 0 | Staphylococcus | 0 |
| | Beverages, alcoholic - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 18 | 0 | Staphylococcus | 0 |
| | Beverages, alcoholic - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Beverages, non-alcoholic - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Cheeses made from cows' milk - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Cheeses made from cows' milk - hard - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | Staphylococcus | 0 |
| | Cheeses made from cows' milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 6 | 0 | Staphylococcus | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Staphylococcus | 0 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 2 | Staphylococcus aureus | 2 |
| | Cheeses made from cows' milk - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Cheeses made from cows' milk - soft and semi-soft - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 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 - soft and semi-soft - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Cheeses made from cows' milk - unspecified - made from raw or low heat-treated milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Cheeses made from goats' milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Cheeses made from sheep's milk - hard - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcus | 0 |
| | Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Cheeses made from sheep's milk - hard - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Cheeses made from sheep's milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcus | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 16 | 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/feed) | 25 | Gram | 15 | 8 | Staphylococcus aureus | 8 |
| | Cheeses, made from unspecified milk or other animal milk - curd - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Staphylococcus | 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 | 818 | 39 | Staphylococcus aureus | 39 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 25 | Gram | 8 | 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/feed) | 25 | Gram | 55 | 23 | Staphylococcus aureus | 23 |
| | Cheeses, made from unspecified milk or other animal milk - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 223 | 7 | Staphylococcus aureus | 7 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 90 | 1 | Staphylococcus aureus | 1 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 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/feed) | 25 | Gram | 20 | 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 - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 15 | Staphylococcus aureus | 15 |
| | 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/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 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/feed) | 25 | Gram | 4 | 0 | Staphylococcus | 0 |
| | Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 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/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Crustaceans - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 96 | 0 | Staphylococcus | 0 |
| | Crustaceans - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 52 | 0 | Staphylococcus | 0 |
| | Crustaceans - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcus | 0 |
| | Crustaceans - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 46 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - butter - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - butter - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 1 | Staphylococcus aureus | 1 |
| | Dairy products (excluding cheeses) - cream - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 19 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 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 - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - ice-cream - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 285 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 57 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Dairy products (excluding cheeses) - yoghurt - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Dairy products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 0 | Staphylococcus | 0 |
| | Dairy products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Dairy products, unspecified - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 34 | 0 | Staphylococcus | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 110 | 0 | Staphylococcus | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 6 | 0 | Staphylococcus | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 23 | 0 | Staphylococcus | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcus | 0 |
| | Dairy products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 280 | 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, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 11 | 0 | Staphylococcus | 0 |
| | Dairy products, unspecified - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | Staphylococcus | 0 |
| | Egg products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 34 | 8 | Staphylococcus aureus | 8 |
| | Egg products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 18 | 0 | Staphylococcus | 0 |
| | Fish - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Fish (food) - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 27 | 0 | Staphylococcus | 0 |
| | Fish (food) - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 26 | 0 | Staphylococcus | 0 |
| | Fish (food) - Retail - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Fish (food) - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Fishery products, unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcus | 0 |
| | Fishery products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 32 | 0 | Staphylococcus | 0 |
| | Fishery products, unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 9 | 0 | Staphylococcus | 0 |
| | Fruits - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 303 | 0 | Staphylococcus | 0 |
| | Fruits - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Fruits - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 49 | 1 | Staphylococcus spp., unspecified | 1 |
| | Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 13 | 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 - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 87 | 0 | Staphylococcus | 0 |
| | Fruits - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Fruits - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Infant formula - liquid - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcus | 0 |
| | Infant formula - liquid - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Infant formula - liquid - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Juice - fruit juice - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcus | 0 |
| | Juice - fruit juice - Catering - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcus | 0 |
| | Meat from broilers (Gallus gallus) - fresh - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Objective sampling | single (food/feed) | 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/feed) | 25 | Gram | 7 | 0 | Staphylococcus | 0 |
| | Meat from other animal species or not specified - meat preparation - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 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/feed) | 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/feed) | 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/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 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/feed) | 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/feed) | 25 | Gram | 3 | 0 | Staphylococcus | 0 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 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/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Meat from other animal species or not specified - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 46 | 0 | Staphylococcus | 0 |
| | 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 | 18 | 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/feed) | 25 | Gram | 54 | 1 | Staphylococcus aureus | 1 |
| | 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 | 12 | 0 | Staphylococcus | 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/feed) | 25 | Gram | 7 | 0 | Staphylococcus | 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 | 2 | 0 | Staphylococcus | 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 | 152 | 0 | Staphylococcus | 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 | 7 | 0 | Staphylococcus | 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 | 1 | 0 | Staphylococcus | 0 |
| | Meat from other animal species or not specified - meat products - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified | single (food/feed) | 400 | Square centimetre | 1 | 0 | Staphylococcus | 0 |
| | Meat from other animal species or not specified - meat products - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Meat from other animal species or not specified - offal - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 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 | Meat from other animal species or not specified - offal - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcus | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcus | 0 |
| | Meat from pig - meat products - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Meat from sheep - fresh - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Milk from other animal species or unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 962 | 165 | Staphylococcus aureus | 110 |
| | | | | | | | Staphylococcus spp., unspecified | 55 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 6482 | 1131 | Staphylococcus aureus | 451 |
| | | | | | | | Staphylococcus intermedius | 54 |
| | | | | | | | Staphylococcus spp., unspecified | 628 |
| | Milk from other animal species or unspecified - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 161 | 20 | Staphylococcus aureus | 19 |
| | | | | | | | Staphylococcus spp., unspecified | 1 |
| | 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) | 25 | Gram | 1 | 0 | Staphylococcus | 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) | 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/feed) | 25 | Gram | 178 | 0 | Staphylococcus | 0 |
| | Milk from other animal species or unspecified - raw milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 3 | 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/feed) | 25 | Gram | 18 | 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/feed) | 25 | Gram | 22 | 0 | Staphylococcus | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 263 | 0 | Staphylococcus | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 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 - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcus | 0 |
| | Milk from other animal species or unspecified - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 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/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - milk - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | Staphylococcus | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 52 | 0 | Staphylococcus | 0 |
| | Milk from other animal species or unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | 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 | Staphylococcus | 0 |
| | Milk from other animal species or unspecified - Wholesale - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 4 | 0 | Staphylococcus | 0 |
| | Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Milk, cows' - pasteurised milk - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcus | 0 |
| | Milk, cows' - pasteurised milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 4 | 0 | Staphylococcus | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Milk, cows' - raw milk - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcus | 0 |
| | Milk, cows' - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 6 | 0 | Staphylococcus | 0 |
| | Milk, cows' - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Milk, sheep's - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 | Molluscan shellfish - Processing plant - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Molluscan shellfish - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Molluscan shellfish - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 5 | 0 | Staphylococcus | 0 |
| | Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Staphylococcus | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - environmental sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Staphylococcus | 0 |
| | Other processed food products and prepared dishes - pasta - Retail - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Other processed food products and prepared dishes - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 538 | 6 | Staphylococcus aureus | 6 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 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 | 13 | 0 | Staphylococcus | 0 |
| | Other processed food products and prepared dishes - unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Staphylococcus | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | Staphylococcus | 0 |
| | Other processed food products and prepared dishes - unspecified - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 1 | Staphylococcus aureus | 1 |
| | Sauce and dressings - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Sauce and dressings - mayonnaise - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Spices and herbs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Sweets - Catering - Italy - environmental sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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 | Sweets - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Staphylococcus | 0 |
| | Sweets - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 15 | 0 | Staphylococcus | 0 |
| | Sweets - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 11 | 0 | Staphylococcus | 0 |
| | Vegetables - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Staphylococcus | 0 |
| | Vegetables - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Staphylococcus | 0 |
| | Water - bottled water - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 19 | 0 | Staphylococcus | 0 |
| | Water - bottled water - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 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 - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Toxoplasma | 0 |
| | Alpacas - zoo animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 15 | 0 | Toxoplasma | 0 |
| | Alpacas - zoo animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 9 | 0 | Toxoplasma | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 8 | 0 | Toxoplasma | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Toxoplasma | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Toxoplasma | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 85 | 0 | Toxoplasma | 0 |
| | Cats - pet animals - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 36 | 9 | Toxoplasma spp., unspecified | 9 |
| | Cats - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 53 | 21 | Toxoplasma spp., unspecified | 21 |
| | Cats - pet animals - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 2 | 0 | Toxoplasma | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 324 | 118 | Toxoplasma gondii | 118 |
| | Cats - pet animals - Unspecified - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 189 | 60 | Toxoplasma spp., unspecified | 60 |
| | Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 48 | 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 - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 5 | 1 | Toxoplasma gondii | 1 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | Toxoplasma | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 11 | 1 | Toxoplasma gondii | 1 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 10 | 0 | Toxoplasma | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | herd/flock | 15 | 8 | Toxoplasma spp., unspecified | 8 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 75 | 3 | Toxoplasma spp., unspecified | 3 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 0 | Toxoplasma | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 5 | 0 | Toxoplasma | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 8 | 0 | Toxoplasma | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 9 | 2 | Toxoplasma gondii | 1 |
| | | | | | Toxoplasma spp., unspecified | 1 |
| | | herd/flock | 35 | 0 | Toxoplasma | 0 |
| | | holding | 10 | 0 | Toxoplasma | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Suspect sampling | herd/flock | 11 | 8 | Toxoplasma spp., unspecified | 8 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 4 | 1 | Toxoplasma spp., unspecified | 1 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 24 | 1 | Toxoplasma gondii | 1 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Toxoplasma | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 2 | 1 | Toxoplasma spp., unspecified | 1 |
| | Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 81 | 0 | Toxoplasma | 0 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 2 | 1 | Toxoplasma spp., unspecified | 1 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 119 | 1 | Toxoplasma gondii | 1 |
| | Deer - wild - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Toxoplasma spp., unspecified | 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 | Dogs - pet animals - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 83 | 29 | Toxoplasma spp., unspecified | 29 |
| | Dogs - pet animals - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Toxoplasma | 0 |
| | Dogs - pet animals - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 13 | 8 | Toxoplasma spp., unspecified | 8 |
| | Dogs - pet animals - Farm - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 1 | Toxoplasma spp., unspecified | 1 |
| | 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 - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 19 | 7 | Toxoplasma spp., unspecified | 7 |
| | Dogs - pet animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Toxoplasma | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 294 | 99 | Toxoplasma spp., unspecified | 99 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | Toxoplasma | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Toxoplasma | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 15 | 2 | Toxoplasma gondii | 2 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 13 | 0 | Toxoplasma | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 8 | 0 | Toxoplasma | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 3 | 1 | Toxoplasma gondii | 1 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Toxoplasma | 0 |
| | Dolphin - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 26 | 1 | Toxoplasma spp., unspecified | 1 |
| | Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Toxoplasma | 0 |
| | Dolphin - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 1 | Toxoplasma gondii | 1 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Toxoplasma gondii | 1 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 5 | 0 | Toxoplasma | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 33 | 0 | Toxoplasma | 0 |
| | Giraffes - zoo animal - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Toxoplasma | 0 |
| | Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 274 | 17 | Toxoplasma spp., unspecified | 17 |
| | Goats - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | herd/flock | 4 | 2 | Toxoplasma spp., unspecified | 2 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 4 | 1 | Toxoplasma gondii | 1 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 6 | 2 | Toxoplasma spp., unspecified | 2 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 8 | 0 | Toxoplasma | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 42 | 9 | Toxoplasma gondii | 9 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 62 | 4 | Toxoplasma gondii | 3 |
| | | | | | Toxoplasma spp., unspecified | 1 |
| | | herd/flock | 3 | 0 | Toxoplasma | 0 |
| | | holding | 6 | 0 | Toxoplasma | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Toxoplasma | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 3 | 0 | Toxoplasma | 0 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 14 | 0 | Toxoplasma | 0 |
| | | herd/flock | 4 | 0 | Toxoplasma | 0 |
| | Goats - Unspecified - Italy - animal sample - blood - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 1 | Toxoplasma spp., unspecified | 1 |
| | Hares - wild - Conservation facilities - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Toxoplasma gondii | 1 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 7 | 1 | Toxoplasma gondii | 1 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 23 | 1 | Toxoplasma gondii | 1 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 41 | 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 | Hares - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | Toxoplasma | 0 |
| | Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Toxoplasma | 0 |
| | Hedgehogs - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Toxoplasma | 0 |
| | Lynx - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Toxoplasma | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 5 | 1 | Toxoplasma gondii | 1 |
| | Mice - wild - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Toxoplasma | 0 |
| | Otter - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Toxoplasma | 0 |
| | Pigeons - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 10 | 0 | Toxoplasma | 0 |
| | Pigs - breeding animals - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Toxoplasma | 0 |
| | Pigs - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 21 | 6 | Toxoplasma spp., unspecified | 6 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 77 | 32 | Toxoplasma gondii | 32 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 59 | 19 | Toxoplasma gondii | 19 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 6 | 0 | Toxoplasma | 0 |
| | | holding | 1 | 0 | Toxoplasma | 0 |
| | Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Toxoplasma | 0 |
| | Rabbits - farmed - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 5 | 0 | Toxoplasma | 0 |
| | Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Toxoplasma | 0 |
| | Rodents - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 7 | 0 | Toxoplasma | 0 |
| | Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 1957 | 395 | Toxoplasma spp., unspecified | 395 |
| | Sheep - Farm - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | herd/flock | 12 | 9 | Toxoplasma spp., unspecified | 9 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 15 | 4 | Toxoplasma spp., unspecified | 4 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 7 | 2 | Toxoplasma spp., unspecified | 2 |
| | | herd/flock | 5 | 2 | Toxoplasma spp., unspecified | 2 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 65 | 8 | Toxoplasma gondii | 6 |
| | | | | | Toxoplasma spp., unspecified | 2 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 48 | 4 | Toxoplasma spp., unspecified | 4 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 68 | 32 | Toxoplasma gondii | 32 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 237 | 28 | Toxoplasma gondii | 1 |
| | | | | | Toxoplasma spp., unspecified | 27 |
| | | herd/flock | 24 | 2 | Toxoplasma gondii | 2 |
| | | holding | 10 | 0 | Toxoplasma | 0 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 10 | 7 | Toxoplasma gondii | 7 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 4 | 0 | Toxoplasma | 0 |
| | | herd/flock | 2 | 0 | Toxoplasma | 0 |
| | Sheep - Unspecified - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Toxoplasma spp., unspecified | 1 |
| | Solipeds, domestic - donkeys - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Toxoplasma | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 3 | 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 | Solipeds, domestic - horses - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Toxoplasma gondii | 1 |
| | Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 3 | 0 | Toxoplasma | 0 |
| | Turkeys - meat production flocks - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Toxoplasma | 0 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 43 | 3 | Toxoplasma spp., unspecified | 3 |
| | Weasel - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Toxoplasma | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 901 | 8 | Toxoplasma gondii | 8 |
| | Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Toxoplasma | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 8 | 6 | Toxoplasma spp., unspecified | 6 |
| | Wolves - wild - Natural habitat - Italy - animal sample - blood - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Toxoplasma gondii | 1 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 6 | 1 | Toxoplasma gondii | 1 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 1 | Toxoplasma gondii | 1 |

## 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 - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Trichinella | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 211 | 0 | Trichinella | 0 |
| | Badgers - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 56 | 0 | Trichinella | 0 |
| | Bears - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 7 | 0 | Trichinella | 0 |
| | Bears - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Trichinella | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 144 | 3 | Trichinella britovi | 3 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1783 | 3 | Trichinella britovi | 2 |
| | | | | | Trichinella, unspecified sp. | 1 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 343 | 1 | Trichinella, unspecified sp. | 1 |
| | Marten - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Trichinella | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 12 | 0 | Trichinella | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 294 | 0 | Trichinella | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 16 | 0 | Trichinella | 0 |
| | Other mustelides - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Trichinella | 0 |
| | Pigs - breeding animals - raised under controlled housing conditions - sows - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 109051 | 0 | Trichinella | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 144833 | 0 | Trichinella | 0 |
| | Pigs - fattening pigs - raised under controlled housing conditions - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 9249768 | 0 | Trichinella | 0 |
| | Polecats - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 9 | 0 | Trichinella | 0 |
| | Solipeds, domestic - horses - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 47811 | 0 | Trichinella | 0 |
| | Weasel - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 2 | 0 | Trichinella | 0 |
| | Weasel - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 7 | 0 | Trichinella | 0 |
| | Wild boars - farmed - Slaughterhouse - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 14935 | 0 | Trichinella | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 139209 | 8 | Trichinella britovi | 8 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 8721 | 1 | Trichinella britovi | 1 |
| | Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Census | animal | 3 | 0 | Trichinella | 0 |
| | Wild cat (Felis silvestris) - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Trichinella | 0 |
| | Wolves - wild - Conservation facilities - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Trichinella | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 96 | 13 | Trichinella britovi | 13 |

## 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 | Badgers - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 11 | 0 | Yersinia | 0 |
| | Bats - wild - Natural habitat - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 75 | 1 | Yersinia enterocolitica - serotype O:9 | 1 |
| | Bats - wild - Unspecified - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 25 | 0 | Yersinia | 0 |
| | Birds - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 61 | 2 | Yersinia enterocolitica | 2 |
| | Birds - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Yersinia | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 62 | 0 | Yersinia | 0 |
| | Cantabrian chamois - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 84 | 0 | Yersinia | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 7 | 0 | Yersinia | 0 |
| | Cats - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 21 | 0 | Yersinia | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 46 | 16 | Yersinia enterocolitica - serotype O:8 | 16 |
| | | holding | 6 | 1 | Yersinia enterocolitica | 1 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Yersinia | 0 |
| | | herd/flock | 114 | 9 | Yersinia enterocolitica | 9 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 3 | 0 | Yersinia | 0 |
| | Cattle (bovine animals) - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 44 | 13 | Yersinia enterocolitica | 13 |
| | Cattle (bovine animals) - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 0 | Yersinia | 0 |
| | Corvids, unspecified - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 5 | 0 | Yersinia | 0 |
| | Corvids, unspecified - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 2 | 0 | Yersinia | 0 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Yersinia | 0 |
| | Deer - wild - fallow deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 48 | 0 | Yersinia | 0 |
| | Deer - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 63 | 1 | Yersinia enterocolitica - serotype O:9 | 1 |
| | Deer - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 43 | 1 | Yersinia enterocolitica - serotype O:8 | 1 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 167 | 11 | Yersinia enterocolitica | 3 |
| | | | | | Yersinia enterocolitica - serotype O:5 | 2 |
| | | | | | Yersinia enterocolitica - serotype O:8 | 5 |
| | | | | | Yersinia enterocolitica - serotype O:9 | 1 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 192 | 7 | Yersinia enterocolitica - biotype 1B | 1 |
| | | | | | Yersinia enterocolitica - serotype O:8 | 6 |
| | Deer - wild - roe deer - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Yersinia | 0 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 20 | 1 | Yersinia, unspecified sp. | 1 |
| | Dogs - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 34 | 0 | Yersinia | 0 |
| | Fish - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 1 | Yersinia, unspecified sp. | 1 |
| | Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 148 | 28 | Yersinia enterocolitica | 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 |
|---|---|---|---|---|---|---|
| ITALIA | Foxes - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 148 | 28 | Yersinia enterocolitica - serotype O:5 | 2 |
| | | | | | Yersinia enterocolitica - serotype O:8 | 15 |
| | | | | | Yersinia enterocolitica - serotype O:9 | 7 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Yersinia | 0 |
| | Foxes - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Yersinia | 0 |
| | Gallus gallus (fowl) - broilers - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | animal | 4 | 0 | Yersinia | 0 |
| | Giraffes - zoo animal - Zoo - 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 | 20 | 6 | Yersinia enterocolitica - serotype O:9 | 6 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 18 | 0 | Yersinia | 0 |
| | | herd/flock | 28 | 3 | Yersinia enterocolitica | 3 |
| | Goats - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Yersinia | 0 |
| | Goats - Farm - Italy - animal sample - Survey - national survey - Not applicable - Objective sampling | animal | 14 | 0 | Yersinia | 0 |
| | Goats - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Yersinia | 0 |
| | Goats - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 5 | 0 | Yersinia | 0 |
| | Hares - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 1 | Yersinia, unspecified sp. | 1 |
| | Hares - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 10 | 0 | Yersinia | 0 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 4 | 1 | Yersinia, unspecified sp. | 1 |
| | Hares - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 22 | 0 | Yersinia | 0 |
| | Hares - wild - Unspecified - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Yersinia | 0 |
| | Marten - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 5 | 1 | Yersinia enterocolitica | 1 |
| | Monkeys - zoo animal - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Yersinia | 0 |
| | Monkeys - zoo animal - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 4 | 0 | Yersinia | 0 |
| | Mouflons - wild - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Yersinia | 0 |
| | Mouflons - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Yersinia | 0 |
| | Pigeons - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 3 | 0 | Yersinia | 0 |
| | Pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 0 | Yersinia | 0 |
| | Pigs - fattening pigs - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Yersinia | 0 |
| | Pigs - fattening pigs - Farm - Italy - environmental sample - Clinical investigations - Not applicable - Not specified | herd/flock | 4 | 0 | Yersinia | 0 |
| | Pigs - fattening pigs - not raised under controlled housing conditions - for own consumption - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 2 | 0 | Yersinia | 0 |
| | Pigs - fattening pigs - Slaughterhouse - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 100 | 68 | Yersinia enterocolitica | 46 |
| | | | | | Yersinia enterocolitica - serotype O:3 | 12 |
| | | | | | Yersinia enterocolitica - serotype O:5 | 2 |
| | | | | | Yersinia enterocolitica - serotype O:8 | 8 |
| | Rabbits - farmed - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Yersinia | 0 |
| | Rabbits - farmed - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 6 | 0 | Yersinia | 0 |
| | Rabbits - pet animals - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | 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 | Sheep - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | herd/flock | 5 | 0 | Yersinia | 0 |
| | | holding | 2 | 1 | Yersinia pseudotuberculosis | 1 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 4 | 0 | Yersinia | 0 |
| | | herd/flock | 251 | 91 | Yersinia enterocolitica | 89 |
| | | | | | Yersinia, unspecified sp. | 2 |
| | Sheep - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | herd/flock | 31 | 4 | Yersinia enterocolitica | 4 |
| | Sheep - Slaughterhouse - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 0 | Yersinia | 0 |
| | Sheep - Unspecified - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Yersinia | 0 |
| | Sheep - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Yersinia | 0 |
| | Solipeds, domestic - donkeys - Zoo - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 3 | 0 | Yersinia | 0 |
| | Solipeds, domestic - horses - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 2 | 0 | Yersinia | 0 |
| | Steinbock - wild - Farm - Italy - animal sample - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Yersinia | 0 |
| | Steinbock - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 6 | 0 | Yersinia | 0 |
| | Steinbock - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 2 | 0 | Yersinia | 0 |
| | Turtles - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 28 | 0 | Yersinia | 0 |
| | | herd/flock | 8 | 0 | Yersinia | 0 |
| | Turtles - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 1 | 0 | Yersinia | 0 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | herd/flock | 1 | 0 | Yersinia | 0 |
| | Water buffalos - Farm - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 10 | 0 | Yersinia | 0 |
| | Weasel - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Yersinia | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 47 | 1 | Yersinia enterocolitica - serotype O:9 | 1 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Clinical investigations - Not applicable - Not specified | animal | 1 | 0 | Yersinia | 0 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 829 | 26 | Yersinia enterocolitica - biotype 1B | 3 |
| | | | | | Yersinia enterocolitica - serotype O:3 | 3 |
| | | | | | Yersinia enterocolitica - serotype O:5 | 2 |
| | | | | | Yersinia enterocolitica - serotype O:8 | 16 |
| | | | | | Yersinia enterocolitica - serotype O:9 | 2 |
| | Wild boars - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 3 | 0 | Yersinia | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Yersinia | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Monitoring - Official sampling - Not specified | animal | 1 | 0 | Yersinia | 0 |
| | Wolves - wild - Natural habitat - Italy - animal sample - organ/tissue - Survey - national survey - Not applicable - Objective sampling | animal | 4 | 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 | All foodstuffs - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 22 | 0 | Yersinia | 0 |
| | All foodstuffs - Retail - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 94 | 0 | Yersinia | 0 |
| | Cheeses, made from unspecified milk or other animal milk - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Yersinia | 0 |
| | Dairy products, unspecified - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Yersinia | 0 |
| | Fish - unspecified - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Yersinia | 0 |
| | Fish (food) - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | single (food/feed) | 25 | Gram | 2 | 0 | Yersinia | 0 |
| | Foodstuffs intended for special nutritional uses - dietary foods for special medical purposes - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Yersinia | 0 |
| | Fruits - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 8 | 0 | Yersinia | 0 |
| | Fruits - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 14 | 0 | Yersinia | 0 |
| | Meat from other animal species or not specified - fresh - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Yersinia | 0 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 1 | Yersinia enterocolitica | 1 |
| | Meat from other animal species or not specified - fresh - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 11 | 3 | Yersinia enterocolitica | 3 |
| | Meat from other animal species or not specified - fresh - Retail - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 3 | 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/feed) | 25 | Gram | 31 | 6 | Yersinia enterocolitica | 6 |
| | Meat from other animal species or not specified - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 1 | 0 | Yersinia | 0 |
| | Meat from other animal species or not specified - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 20 | 1 | Yersinia enterocolitica | 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 - meat products - Catering - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Yersinia | 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 | 1 | 0 | Yersinia | 0 |
| | Meat from other animal species or not specified - meat products - Packing centre - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 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/feed) | 25 | Gram | 26 | 0 | Yersinia | 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 | 35 | 0 | Yersinia | 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 | Yersinia | 0 |
| | Meat from other animal species or not specified - meat products - Slaughterhouse - Italy - food sample - carcase swabs - Surveillance - Official sampling - Not specified | single (food/feed) | 400 | Square centimetre | 5 | 0 | Yersinia | 0 |
| | Meat from other animal species or not specified - minced meat - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Yersinia | 0 |
| | Meat from pig - fresh - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 7 | 0 | Yersinia | 0 |
| | Meat from pig - fresh - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Yersinia | 0 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 10 | 0 | Yersinia | 0 |
| | Meat from pig - meat preparation - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 2 | 0 | Yersinia | 0 |
| | Meat from pig - meat preparation - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 6 | 1 | Yersinia enterocolitica | 1 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Yersinia | 0 |
| | Meat from pig - meat products - Processing plant - Italy - food sample - Survey - national survey - Not applicable - Objective sampling | single (food/feed) | 25 | Gram | 3 | 0 | Yersinia | 0 |
| | Meat from pig - meat products - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 0 | Yersinia | 0 |
| | Meat from pig - minced meat - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Yersinia | 0 |
| | Other processed food products and prepared dishes - pasta - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 3 | 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 | 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 - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 14 | 0 | Yersinia | 0 |
| | Other processed food products and prepared dishes - unspecified - Catering - Italy - food sample - Surveillance - Official sampling - Suspect sampling | 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 | 4 | 0 | Yersinia | 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 | 1 | 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 | 28 | 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 | 1 | 0 | Yersinia | 0 |
| | Sauce and dressings - Retail - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 1 | 0 | Yersinia | 0 |
| | Spices and herbs - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Yersinia | 0 |
| | Vegetables - bulb/ clove - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 5 | 0 | Yersinia | 0 |
| | Vegetables - Catering - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 2 | 0 | Yersinia | 0 |
| | Vegetables - Processing plant - Italy - food sample - Surveillance - Official sampling - Not specified | single (food/feed) | 25 | Gram | 58 | 0 | Yersinia | 0 |
| | Vegetables - Processing plant - Italy - food sample - Unspecified - HACCP and own check - Not specified | single (food/feed) | 25 | Gram | 6 | 0 | Yersinia | 0 |

# FOODBORNE OUTBREAKS TABLES

## Foodborne Outbreaks: summarized data

| | | Outbreak strenght | Weak | | |
|---|---|---|---|---|---|
| **Causative agent** | **Food vehicle** | **N outbreaks** | **N human cases** | **N hospitalized** | **N deaths** |
| Bacillus cereus | Cereal products including rice and seeds/pulses (nuts, almonds) | 1 | 52 | 0 | 0 |
| Campylobacter | Other foods | 1 | 3 | 1 | 0 |
| Campylobacter jejuni | Bovine meat and products thereof | 1 | 2 | 0 | 0 |
| Campylobacter, unspecified sp. | Crustaceans, shellfish, molluscs and products thereof | 1 | 3 | 1 | 0 |
| Clostridium botulinum | Canned food products | 2 | 6 | 6 | 0 |
| | Other foods | 3 | 10 | 10 | 0 |
| | Mixed food | 2 | 4 | 4 | 0 |
| | Unknown | 1 | 2 | 2 | 0 |
| Clostridium perfringens | Unknown | 1 | 9 | 0 | 0 |
| Enterotoxin, unspecified | Sweets and chocolate | 1 | 3 | 0 | 0 |
| Hepatovirus A | Tap water, including well water | 1 | 2 | 0 | 0 |
| | Other foods | 1 | 3 | 0 | 0 |
| Histamine | Fish and fish products | 5 | 16 | 6 | 0 |
| Mushroom toxins | Other foods | 1 | 2 | 2 | 0 |
| Norovirus | Cheese | 1 | 24 | 0 | 0 |
| | Pig meat and products thereof | 1 | 76 | 0 | 0 |
| | Fish and fish products | 1 | 6 | 0 | 0 |
| | Crustaceans, shellfish, molluscs and products thereof | 2 | 11 | 1 | 0 |
| | Buffet meals | 1 | 3 | 2 | 0 |
| Salmonella | Eggs and egg products | 1 | 3 | 0 | 0 |
| | Pig meat and products thereof | 2 | 5 | 1 | 0 |
| | Other or mixed red meat and products thereof | 1 | 2 | 1 | 0 |
| | Other foods | 1 | 2 | 2 | 0 |
| | Mixed food | 6 | 74 | 21 | 1 |
| | Unknown | 1 | 2 | 0 | 0 |
| Salmonella Enteritidis | Eggs and egg products | 6 | 46 | 8 | 0 |
| Salmonella group B | Eggs and egg products | 2 | 4 | 0 | 0 |
| | Buffet meals | 1 | 4 | 0 | 0 |
| Salmonella group D | Eggs and egg products | 1 | 2 | 2 | 0 |
| | Buffet meals | 1 | 13 | 2 | 0 |
| | Unknown | 1 | 12 | 0 | 0 |
| Salmonella Paratyphi A | Meat and meat products | 1 | 2 | 0 | 0 |
| Salmonella Paratyphi B | Unknown | 1 | 4 | 0 | 0 |
| Salmonella Paratyphi C | Unknown | 1 | 17 | 0 | 0 |
| Salmonella Rissen | Pig meat and products thereof | 1 | 5 | 0 | 0 |

| | | Outbreak strenght | Weak | | |
|---|---|---|---|---|---|
| **Causative agent** | **Food vehicle** | **N outbreaks** | **N human cases** | **N hospitalized** | **N deaths** |
| Salmonella Thompson | Buffet meals | 1 | 5 | 3 | 0 |
| Salmonella Typhimurium, monophasic | Pig meat and products thereof | 2 | 11 | 3 | 0 |
| Staphylococcal enterotoxins | Pig meat and products thereof | 1 | 2 | 2 | 0 |
| Trichinella britovi | Other or mixed red meat and products thereof | 1 | 5 | 1 | 0 |
| Unknown | Dairy products (other than cheeses) | 3 | 14 | 3 | 0 |
| | Cheese | 1 | 5 | 4 | 0 |
| | Eggs and egg products | 1 | 4 | 0 | 0 |
| | Bovine meat and products thereof | 1 | 3 | 0 | 0 |
| | Pig meat and products thereof | 1 | 33 | 0 | 0 |
| | Fish and fish products | 7 | 31 | 19 | 0 |
| | Cereal products including rice and seeds/pulses (nuts, almonds) | 2 | 5 | 1 | 0 |
| | Bakery products | 1 | 3 | 3 | 0 |
| | Other foods | 2 | 8 | 5 | 0 |
| | Mixed food | 3 | 97 | 25 | 0 |
| | Buffet meals | 2 | 6 | 2 | 0 |
| | Meat and meat products | 3 | 61 | 0 | 0 |
| VTEC O26 | Cheese | 1 | 3 | 1 | 0 |

## Strong Foodborne Outbreaks: detailed data

No data returned for this view. This might be because the applied filter excludes all data.

| Causative agent | Other Causative Agent | FBO nat. code | Outbreak type | Food vehicle | More food vehicle info | Nature of evidence | Setting | Place of origin of problem | Origin of food vehicle | Contributory factors | Comment | N outbreaks | N human cases | N hosp. | N deaths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bacillus cereus | unk | N_A | General | Cereal products including rice and seeds/pulses (nuts, almonds) | N_A | Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent | Canteen or workplace catering | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Italy | Inadequate chilling | N_A | 1 | 52 | 0 | 0 |
| Campylobacter | unk | N_A | General | Other foods | unknown vehicle | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Unknown | Storage time/temperature abuse | N_A | 1 | 3 | 1 | 0 |
| Campylobacter jejuni | unk | N_A | General | Bovine meat and products thereof | N_A | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Unknown | Unknown | Unprocessed contaminated ingredient | N_A | 1 | 2 | 0 | 0 |
| Campylobacter, unspecified sp. | unk | N_A | Household / domestic kitchen | Crustaceans, shellfish, molluscs and products thereof | N_A | Analytical epidemiological evidence | Household | Mobile retailer or market/street vendor | Unknown | Cross-contamination | N_A | 1 | 3 | 1 | 0 |
| Clostridium botulinum | unk | N_A | Not Available | Other foods | N_A | Descriptive epidemiological evidence | Not Available | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | 2 | 0 |
| | | | | Unknown | N_A | Unknown | Not Available | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | 2 | 0 |
| | | | General | Canned food products | black olives in brine | Descriptive epidemiological evidence$Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Italy | Other contributory factor | N_A | 1 | 4 | 4 | 0 |
| | | | | Other foods | mixed preserves (mushrooms, algae, aubergines, broccoli, peppers) | Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Not Available | NOT AVAILABLE | N_A | 1 | 6 | 6 | 0 |

| Causative agent | Other Causative Agent | FBO nat. code | Outbreak type | Food vehicle | More food vehicle info | Nature of evidence | Setting | Place of origin of problem | Origin of food vehicle | Contributory factors | Comment | N outbreaks | N human cases | N hosp. | N deaths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clostridium botulinum | unk | N_A | Household / domestic kitchen | Canned food products | chillies in oil of domestic preparation | Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans | Household | Household | Not Available | Inadequate heat treatment$Unprocessed contaminated ingredient | N_A | 1 | 2 | 2 | 0 |
| | | | | Other foods | mushrooms in oil | Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans | Household | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | 2 | 0 |
| | | | | Mixed food | N_A | Descriptive epidemiological evidence | Household | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | 2 | 0 |
| | | | | | preserves of chickpeas and black olives | Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans | Household | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | 2 | 0 |
| Clostridium perfringens | unk | N_A | Not Available | Unknown | N_A | Analytical epidemiological evidence | Not Available | unk | Italy | NOT AVAILABLE | N_A | 1 | 9 | 0 | 0 |
| Enterotoxin, unspecified | unk | N_A | General | Sweets and chocolate | N_A | Analytical epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Italy | Other contributory factor | N_A | 1 | 3 | 0 | 0 |
| Hepatovirus A | unk | N_A | Household / domestic kitchen | Tap water, including well water | well water | Descriptive epidemiological evidence | Household | Water source | Not Available | Untreated drinking water | N_A | 1 | 2 | 0 | 0 |
| | | | | Other foods | Irrigated vegetables with contaminated water | Unknown | Household | Water source | Not Available | Unprocessed contaminated ingredient | N_A | 1 | 3 | 0 | 0 |
| Histamine | unk | N_A | General | Fish and fish products | N_A | Analytical epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Spain | Storage time/temperature abuse$Unprocessed contaminated ingredient | N_A | 1 | 5 | 0 | 0 |
| | | | | | | | | | Unknown | Storage time/temperature abuse | N_A | 1 | 2 | 0 | 0 |

| Causative agent | Other Causative Agent | FBO nat. code | Outbreak type | Food vehicle | More food vehicle info | Nature of evidence | Setting | Place of origin of problem | Origin of food vehicle | Contributory factors | Comment | N outbreaks | N human cases | N hosp. | N deaths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Histamine | unk | N_A | General | Fish and fish products | N_A | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Unknown | Storage time/temperature abuse | N_A | 1 | 2 | 2 | 0 |
| | | | | | Tuna on the plate | Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent$Product-tracing investigations | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Not Available | NOT AVAILABLE | N_A | 1 | 4 | 4 | 0 |
| | | | Household / domestic kitchen | Fish and fish products | N_A | Descriptive epidemiological evidence | Household | Take-away or fast-food outlet | Non European Union | Storage time/temperature abuse | N_A | 1 | 3 | 0 | 0 |
| Mushroom toxins | unk | N_A | Household / domestic kitchen | Other foods | N_A | Descriptive epidemiological evidence | Household | Household | Italy | Unprocessed contaminated ingredient | N_A | 1 | 2 | 2 | 0 |
| Norovirus | unk | N_A | General | Cheese | N_A | Analytical epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Italy | Other contributory factor | N_A | 1 | 24 | 0 | 0 |
| | | | | Pig meat and products thereof | N_A | Analytical epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Processing plant | Italy | Other contributory factor | N_A | 1 | 76 | 0 | 0 |
| | | | | Fish and fish products | N_A | Analytical epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Italy | Unknown | N_A | 1 | 6 | 0 | 0 |

| Causative agent | Other Causative Agent | FBO nat. code | Outbreak type | Food vehicle | More food vehicle info | Nature of evidence | Setting | Place of origin of problem | Origin of food vehicle | Contributory factors | Comment | N outbreaks | N human cases | N hosp. | N deaths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Norovirus | unk | N_A | General | Crustaceans, shellfish, molluscs and products thereof | N_A | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | France | Unprocessed contaminated ingredient | N_A | 1 | 6 | 1 | 0 |
| | | | | | raw oysters | Descriptive epidemiological evidence$Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Unknown | Not Available | Unprocessed contaminated ingredient | N_A | 1 | 5 | 0 | 0 |
| | | | Household / domestic kitchen | Buffet meals | N_A | Descriptive epidemiological evidence | Household | Others | Italy | Unknown | N_A | 1 | 3 | 2 | 0 |
| Salmonella | unk | N_A | Not Available | Mixed food | russian salade | Analytical epidemiological evidence | Not Available | unk | Not Available | NOT AVAILABLE | N_A | 1 | 5 | unk | unk |
| | | | | Unknown | N_A | Analytical epidemiological evidence | Not Available | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | unk | unk |
| | | | General | Other or mixed red meat and products thereof | N_A | Descriptive epidemiological evidence | Household | Household | Italy | Unknown | N_A | 1 | 2 | 1 | 0 |
| | | | | Mixed food | meat, peas and bechamel sauce preparation | Descriptive epidemiological evidence | Temporary mass catering (fairs or festivals) | unk | Not Available | Unknown | N_A | 1 | 3 | 2 | 0 |
| | | | | | minestrone, vegetables, frites, peas, tomato paste | Descriptive epidemiological evidence$Product-tracing investigations | Residential institution (nursing home or prison or boarding school) | unk | Not Available | NOT AVAILABLE | N_A | 1 | 49 | 4 | 1 |
| | | | | | mozzarella in carriage | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Not Available | Cross-contamination | N_A | 1 | 2 | 2 | 0 |

| Causative agent | Other Causative Agent | FBO nat. code | Outbreak type | Food vehicle | More food vehicle info | Nature of evidence | Setting | Place of origin of problem | Origin of food vehicle | Contributory factors | Comment | N outbreaks | N human cases | N hosp. | N deaths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Salmonella | unk | N_A | General | Mixed food | N_A | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Not Available | Cross-contamination$Infected food handler | N_A | 1 | 13 | 12 | 0 |
| | | | Household / domestic kitchen | Eggs and egg products | N_A | Descriptive epidemiological evidence | Household | Farm (not specified) | Not Available | Unprocessed contaminated ingredient | N_A | 1 | 3 | 0 | 0 |
| | | | | Pig meat and products thereof | N_A | Descriptive epidemiological evidence | Household | Household | Italy | Inadequate heat treatment | N_A | 1 | 2 | 0 | 0 |
| | | | | | raw sausage | Unknown | Household | Unknown | Unknown | Unprocessed contaminated ingredient | N_A | 1 | 3 | 1 | 0 |
| | | | | Other foods | homemade basil pesto | Descriptive epidemiological evidence | Household | unk | Not Available | Unprocessed contaminated ingredient | N_A | 1 | 2 | 2 | 0 |
| | | | | Mixed food | N_A | Descriptive epidemiological evidence | Household | Household | Unknown | Cross-contamination | N_A | 1 | 2 | 1 | 0 |
| Salmonella Enteritidis | unk | N_A | General | Eggs and egg products | N_A | Descriptive epidemiological evidence | Others | Others | Italy | Unprocessed contaminated ingredient | N_A | 1 | 14 | 1 | 0 |
| | | | Household / domestic kitchen | Eggs and egg products | N_A | Analytical epidemiological evidence | Household | Household | Italy | Unprocessed contaminated ingredient | N_A | 1 | 8 | 4 | 0 |
| | | | | | | Analytical epidemiological evidence$Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans | Household | Household | Italy | Inadequate heat treatment$Storage time/temperature abuse$Unprocessed contaminated ingredient | N_A | 1 | 7 | 0 | 0 |
| | | | | | | Descriptive epidemiological evidence | Household | Household | Italy | Unprocessed contaminated ingredient | N_A | 1 | 3 | 0 | 0 |

| Causative agent | Other Causative Agent | FBO nat. code | Outbreak type | Food vehicle | More food vehicle info | Nature of evidence | Setting | Place of origin of problem | Origin of food vehicle | Contributory factors | Comment | N outbreaks | N human cases | N hosp. | N deaths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Salmonella Enteritidis | unk | N_A | Household / domestic kitchen | Eggs and egg products | tiramisù | Descriptive epidemiological evidence$Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans | Household | unk | Not Available | Unprocessed contaminated ingredient | N_A | 1 | 7 | 1 | 0 |
| | | | | | | Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans | Household | unk | Not Available | NOT AVAILABLE | N_A | 1 | 7 | 2 | 0 |
| Salmonella group B | unk | N_A | Not Available | Eggs and egg products | handcrafted tiramisù | Analytical epidemiological evidence | Not Available | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | unk | unk |
| | | | | | tiramisù | Analytical epidemiological evidence | Not Available | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | unk | unk |
| | | | General | Buffet meals | N_A | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Italy | Unknown | N_A | 1 | 4 | 0 | 0 |
| Salmonella group D | unk | N_A | Not Available | Unknown | N_A | Analytical epidemiological evidence | Not Available | unk | Not Available | NOT AVAILABLE | N_A | 1 | 12 | unk | unk |
| | | | General | Buffet meals | N_A | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Unknown | Unknown | Other contributory factor | N_A | 1 | 13 | 2 | 0 |
| | | | Household / domestic kitchen | Eggs and egg products | N_A | Analytical epidemiological evidence | Household | Household | Unknown | Storage time/temperature abuse | N_A | 1 | 2 | 2 | 0 |
| Salmonella Paratyphi A | unk | N_A | Not Available | Meat and meat products | raw meat | Analytical epidemiological evidence | Not Available | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | unk | unk |
| Salmonella Paratyphi B | unk | N_A | Not Available | Unknown | N_A | Analytical epidemiological evidence | Not Available | unk | Not Available | NOT AVAILABLE | N_A | 1 | 4 | unk | unk |

| Causative agent | Other Causative Agent | FBO nat. code | Outbreak type | Food vehicle | More food vehicle info | Nature of evidence | Setting | Place of origin of problem | Origin of food vehicle | Contributory factors | Comment | N outbreaks | N human cases | N hosp. | N deaths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Salmonella Paratyphi C | unk | N_A | Not Available | Unknown | crossed contamination | Analytical epidemiological evidence | Not Available | unk | Not Available | NOT AVAILABLE | N_A | 1 | 17 | unk | unk |
| Salmonella Rissen | unk | N_A | General | Pig meat and products thereof | N_A | Analytical epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Processing plant | Italy | Unprocessed contaminated ingredient | N_A | 1 | 5 | 0 | 0 |
| Salmonella Thompson | unk | N_A | General | Buffet meals | N_A | Descriptive epidemiological evidence | Household | Household | Unknown | Other contributory factor$Storage time/temperature abuse | N_A | 1 | 5 | 3 | 0 |
| Salmonella Typhimurium, monophasic | unk | N_A | General | Pig meat and products thereof | N_A | Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Processing plant | Italy | Unprocessed contaminated ingredient | N_A | 2 | 11 | 3 | 0 |
| Staphyloccal enterotoxins | unk | N_A | Household / domestic kitchen | Pig meat and products thereof | N_A | Analytical epidemiological evidence$Detection of causative agent in food chain or its environment - Symptoms and onset of illness pathognomonic to causative agent$Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Italy | Inadequate heat treatment$Storage time/temperature abuse | N_A | 1 | 2 | 2 | 0 |
| Trichinella britovi | unk | N_A | Not Available | Other or mixed red meat and products thereof | wild boar raw sausage meat | Detection of causative agent in food vehicle or its component - Detection of indistinguishable causative agent in humans | Not Available | unk | Not Available | NOT AVAILABLE | N_A | 1 | 5 | 1 | 0 |
| Unknown | unk | N_A | General | Dairy products (other than cheeses) | pasta with ricotta | Descriptive epidemiological evidence$Product-tracing investigations | School or kindergarten | unk | Not Available | NOT AVAILABLE | N_A | 1 | 8 | 1 | 0 |

| Causative agent | Other Causative Agent | FBO nat. code | Outbreak type | Food vehicle | More food vehicle info | Nature of evidence | Setting | Place of origin of problem | Origin of food vehicle | Contributory factors | Comment | N outbreaks | N human cases | N hosp. | N deaths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unknown | unk | N_A | General | Cheese | cheese and ricotta | Descriptive epidemiological evidence | Household | unk | Not Available | NOT AVAILABLE | N_A | 1 | 5 | 4 | 0 |
| | | | | Eggs and egg products | N_A | Analytical epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Italy | Storage time/temperature abuse | N_A | 1 | 4 | 0 | 0 |
| | | | | Bovine meat and products thereof | N_A | Analytical epidemiological evidence | Temporary mass catering (fairs or festivals) | Temporary mass catering (fairs or festivals) | Unknown | Unknown | N_A | 1 | 3 | 0 | 0 |
| | | | | Pig meat and products thereof | N_A | Analytical epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Farm (not specified) | Italy | Unknown | N_A | 1 | 33 | 0 | 0 |
| | | | | Fish and fish products | fish | Descriptive epidemiological evidence | Residential institution (nursing home or prison or boarding school) | unk | Not Available | NOT AVAILABLE | N_A | 1 | 16 | 16 | 0 |
| | | | | | fresh tuna slice | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | 0 | 0 |
| | | | | | sea salad and octopus | Descriptive epidemiological evidence$Product-tracing investigations | Take-away or fast-food outlet | unk | Not Available | NOT AVAILABLE | N_A | 1 | 3 | 3 | 0 |
| | | | | | tuna burger | Descriptive epidemiological evidence$Product-tracing investigations | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | 0 | 0 |

| Causative agent | Other Causative Agent | FBO nat. code | Outbreak type | Food vehicle | More food vehicle info | Nature of evidence | Setting | Place of origin of problem | Origin of food vehicle | Contributory factors | Comment | N outbreaks | N human cases | N hosp. | N deaths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unknown | unk | N_A | General | Cereal products including rice and seeds/pulses (nuts, almonds) | flat bread with chili pepper | Descriptive epidemiological evidence$Product-tracing investigations | Others | unk | Not Available | NOT AVAILABLE | N_A | 1 | 3 | 0 | 0 |
| | | | | Mixed food | cold pasta with mayonnaise olives dried egg tuna wurstel wet beans | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Not Available | NOT AVAILABLE | N_A | 1 | 72 | 25 | 0 |
| | | | | | potatoes gateau and zucchini omelette | Descriptive environmental evidence$Product-tracing investigations | Residential institution (nursing home or prison or boarding school) | unk | Not Available | NOT AVAILABLE | N_A | 1 | 15 | 0 | 0 |
| | | | | | Rice salad with chicken carrots green peas | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Not Available | NOT AVAILABLE | N_A | 1 | 10 | 0 | 0 |
| | | | | Buffet meals | N_A | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Italy | Unknown | N_A | 1 | 2 | 2 | 0 |
| | | | | | | | | | Unknown | Unknown | N_A | 1 | 4 | 0 | 0 |
| | | | | Meat and meat products | calf meat with green pepper | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Not Available | NOT AVAILABLE | N_A | 1 | 45 | 0 | 0 |
| | | | | | chicken cutlets, sandwiches with hamburgers | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Not Available | NOT AVAILABLE | N_A | 1 | 14 | 0 | 0 |

| Causative agent | Other Causative Agent | FBO nat. code | Outbreak type | Food vehicle | More food vehicle info | Nature of evidence | Setting | Place of origin of problem | Origin of food vehicle | Contributory factors | Comment | N outbreaks | N human cases | N hosp. | N deaths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unknown | unk | N_A | General | Meat and meat products | raw meat | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | 0 | 0 |
| | | | Household / domestic kitchen | Dairy products (other than cheeses) | homemade ice cream | Descriptive epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | unk | Not Available | NOT AVAILABLE | N_A | 1 | 3 | 0 | 0 |
| | | | | | milk and snacks | Descriptive epidemiological evidence | Household | unk | Not Available | NOT AVAILABLE | N_A | 1 | 3 | 2 | 0 |
| | | | | Fish and fish products | fresh tuna decongelated | Descriptive epidemiological evidence | Household | unk | Not Available | NOT AVAILABLE | N_A | 1 | 3 | 0 | 0 |
| | | | | | N_A | Analytical epidemiological evidence | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Restaurant or Cafe or Pub or Bar or Hotel or Catering service | Italy | Unprocessed contaminated ingredient | N_A | 1 | 3 | 0 | 0 |
| | | | | | tuna meatballs | Descriptive epidemiological evidence | Household | unk | Not Available | NOT AVAILABLE | N_A | 1 | 2 | 0 | 0 |
| | | | | Cereal products including rice and seeds/pulses (nuts, almonds) | N_A | Descriptive epidemiological evidence | Household | Household | Italy | Storage time/temperature abuse | N_A | 1 | 2 | 1 | 0 |
| | | | | Bakery products | pizza with olives | Descriptive epidemiological evidence | Household | unk | Not Available | NOT AVAILABLE | N_A | 1 | 3 | 3 | 0 |
| | | | | Other foods | mushrooms | Descriptive epidemiological evidence$Product-tracing investigations | Mobile retailer or market/street vendor | unk | Not Available | NOT AVAILABLE | N_A | 1 | 4 | 2 | 0 |

| Causative agent | Other Causative Agent | FBO nat. code | Outbreak type | Food vehicle | More food vehicle info | Nature of evidence | Setting | Place of origin of problem | Origin of food vehicle | Contributory factors | Comment | N outbreaks | N human cases | N hosp. | N deaths |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unknown | unk | N_A | Household / domestic kitchen | Other foods | mushrooms | Detection of causative agent in food vehicle or its component - Symptoms and onset of illness pathognomonic to causative agent | Household | unk | Not Available | NOT AVAILABLE | N_A | 1 | 4 | 3 | 0 |
| VTEC O26 | unk | N_A | Household / domestic kitchen | Cheese | N_A | Descriptive epidemiological evidence$Detection of causative agent in food chain or its environment - Detection of indistinguishable causative agent in humans | Household | Processing plant | Romania | Unknown | N_A | 1 | 3 | 1 | 0 |

## ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling details: N_A

| | 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** | **258** | **258** | **258** | **258** | **258** | **258** |
| **MIC** | **N of resistant isolates** | **212** | **21** | **0** | **169** | **2** | **186** |
| <=0.12 | | 41 | | 46 | | | |
| <=0.25 | | | | | | 4 | |
| 0.25 | | 4 | | 195 | | | |
| <=0.5 | | | | | | | 72 |
| 0.5 | | 1 | | 17 | | 58 | |
| <=1 | | | 235 | | 37 | | |
| 1 | | 1 | | | | 183 | |
| 2 | | 2 | 2 | | 21 | 10 | 9 |
| 4 | | 6 | | | 26 | 1 | 14 |
| 8 | | 90 | | | 1 | | 9 |
| 16 | | 79 | 1 | | 4 | | 27 |
| >16 | | 34 | | | | 2 | |
| 32 | | | 1 | | 5 | | 20 |
| 64 | | | 4 | | 91 | | 52 |
| >64 | | | | | 73 | | 55 |
| 128 | | | 4 | | | | |
| >128 | | | 11 | | | | |

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

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

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

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling details: N_A

| | 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** | **131** | **131** | **131** | **131** | **131** | **131** |
| **MIC** | **N of resistant isolates** | **107** | **4** | **0** | **80** | **6** | **90** |
| <=0.12 | | 22 | | 20 | | | |
| <=0.25 | | | | | | 1 | |
| 0.25 | | 1 | | 99 | | | |
| <=0.5 | | | | | | | 41 |
| 0.5 | | 1 | | 12 | | 29 | |
| <=1 | | | 127 | | 17 | | |
| 1 | | | | | | 90 | |
| 2 | | | | | 17 | 5 | 5 |
| 4 | | 5 | | | 16 | | 7 |
| 8 | | 57 | | | | | 4 |
| 16 | | 27 | | | 1 | | 18 |
| >16 | | 18 | | | | 6 | |
| 32 | | | | | 5 | | 5 |
| 64 | | | 2 | | 42 | | 23 |
| >64 | | | | | 33 | | 28 |
| >128 | | | 2 | | | | |

## ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

### Table Antimicrobial susceptibility testing of Salmonella 4,12:-:1,2 in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official and industry sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Agama 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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Alachua in Turkeys

Sampling Stage: Farm

Sampling Type: environmental sample - air

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Alachua in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Altona 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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Blockley 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Blockley in Gallus gallus (fowl) - breeding flocks, unspecified

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: HACCP and own check

Sampling Strategy: Selective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Blockley in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

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

Sampling Details: N_A

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

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - air

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Brandenburg in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Brandenburg 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Brandenburg 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: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Bredeney in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Bredeney 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Bredeney in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Cerro 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Cerro 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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Chester in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Chomedey 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Coeln 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Coeln in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Corvallis in Gallus gallus (fowl) - laying hens - adult

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Cubana 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Dabou 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

Sampling Details: N_A

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

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

Sampling Stage: Processing plant

Sampling Type: food sample

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Derby in 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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## 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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - organ/tissue

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Derby 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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Derby in Turkeys - meat production flocks - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Derby in Turkeys - breeding flocks, unspecified - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Derby 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

Sampling Details: N_A

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

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

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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Enteritidis in Pigeons

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

Sampling Details: N_A

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

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

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

Sampling Details: N_A

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: HACCP and own check

Sampling Strategy: Selective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Monitoring - passive

Sampler: HACCP and own check

Sampling Strategy: Selective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Enteritidis 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Enteritidis 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

Sampling Details: N_A

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

## 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

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** |
| **MIC** | **N of resistant isolates** | **1** | **0** | **0** | **0** | **0** | **3** | **3** | **0** | **0** | **2** | **1** | **1** | **0** | **0** |
| <=0.015 | | | | | | | 1 | | | | | | | | |
| <=0.03 | | | | | | | | | | 5 | | | | | |
| 0.03 | | | | | | | 1 | | | | | | | | |
| 0.12 | | | | | | | 1 | | | | | | | | |
| <=0.25 | | | | 5 | | | | | | | | | | 5 | 4 |
| 0.25 | | | | | | | 2 | | | | | | | | |
| <=0.5 | | | | | 5 | | | | 5 | | | | | | |
| 0.5 | | | | | | | | | | | | | | | 1 |
| <=1 | | 4 | | | | | | 1 | | | | | | | |
| <=2 | | | | | | | | | | | | | 4 | | |
| 2 | | | | | | | | 1 | | | | | | | |
| <=4 | | | | | | | | | | | 3 | | | | |
| 4 | | | 1 | | | | | 3 | | | | | | | |
| <=8 | | | | | | 5 | | | | | | | | | |
| 8 | | | 4 | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | 2 | | | |
| 64 | | | | | | | | | | | | 2 | 1 | | |
| >64 | | 1 | | | | | | | | | | | | | |
| >128 | | | | | | | | | | | 2 | | | | |
| >1024 | | | | | | | | | | | | 1 | | | |

## Table Antimicrobial susceptibility testing of Salmonella Eschweiler in Gallus gallus (fowl) - broilers - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Give 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Gallus gallus (fowl) - broilers - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| **MIC** | **N of resistant isolates** | **1** | **1** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| <=0.015 | | | | | | | | 1 | | | |
| <=0.03 | | | | | | | | | | 1 | |
| 0.25 | | | | 1 | | | | | 1 | | |
| 0.5 | | | | | | | 1 | | | | |
| 4 | | | | | | 1 | | | | | |
| 8 | | 1 | | | 1 | | | | | | 1 |
| 32 | | | 1 | | | | | | | | |

## Table Antimicrobial susceptibility testing of Salmonella Goldcoast in Gallus gallus (fowl) - broilers - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Hadar 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: Not specified

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Hadar 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Hadar in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Haifa 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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Haifa in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Havana in Gallus gallus (fowl) - breeding flocks, unspecified

Sampling Stage: Farm

Sampling Type: animal sample - eggs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

Sampling Details: N_A

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Farm

Sampling Type: food sample - carcase swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Infantis 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: Not specified

Programme Code: OTHER AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| **MIC** | **N of resistant isolates** | **1** | **1** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| <=0.015 | | | | | | | | 1 | | | |
| <=0.03 | | | | | | | | | | 1 | |
| <=0.12 | | | | | | | | | 1 | | |
| 0.25 | | | | 1 | | | | | | | |
| 0.5 | | | | | | | 1 | | | | |
| 4 | | | | | | 1 | | | | | |
| 8 | | | | | 1 | | | | | | 1 |
| 16 | | 1 | | | | | | | | | |
| 32 | | | 1 | | | | | | | | |

## Table Antimicrobial susceptibility testing of Salmonella Infantis 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: Not specified

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| **MIC** | **N of resistant isolates** | **1** | **0** | **1** | **1** | **1** | **1** | **0** | **0** | **0** | **1** | **1** | **1** | **0** | **1** |
| <=0.03 | | | | | | | | | | 1 | | | | | |
| 0.25 | | | | | | | 1 | | | | | | | | |
| <=0.5 | | | | | | | | | 1 | | | | | | |
| <=1 | | | | | | | | 1 | | | | | | | |
| 1 | | | | | | | | | | | | | | 1 | |
| >4 | | | | 1 | | | | | | | | | | | |
| >8 | | | | | 1 | | | | | | | | | | |
| 16 | | | 1 | | | | | | | | | | | | |
| >32 | | | | | | | | | | | | | | | 1 |
| >64 | | 1 | | | | | | | | | | | 1 | | |
| >128 | | | | | | 1 | | | | | 1 | | | | |
| >1024 | | | | | | | | | | | | 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 pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** |
| **MIC** | **N of resistant isolates** | **2** | **2** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| <=0.015 | | | | | | | | 2 | | | |
| <=0.03 | | | | | | | | | | 2 | |
| <=0.12 | | | | | | | | | 2 | | |
| 0.12 | | | | 2 | | | | | | | |
| 0.25 | | | | | | | 1 | | | | |
| 0.5 | | | | | | | 1 | | | | |
| 2 | | | | | | 1 | | | | | |
| 4 | | | | | 1 | 1 | | | | | 1 |
| 8 | | 1 | | | 1 | | | | | | 1 |
| 16 | | 1 | | | | | | | | | |
| 32 | | | 2 | | | | | | | | |

## 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

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ECOFF | 8 | 16 | 0.5 | 2 | 16 | 0.064 | 2 | 2 | 0.125 | 16 | 256 | 8 | 1 | 2 |
| | Lowest limit | 1 | 2 | 0.25 | 0.5 | 8 | 0.015 | 1 | 0.5 | 0.03 | 4 | 8 | 2 | 0.25 | 0.25 |
| | Highest limit | 64 | 64 | 4 | 8 | 128 | 8 | 16 | 32 | 16 | 128 | 1024 | 64 | 8 | 32 |
| | N of tested isolates | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| MIC | N of resistant isolates | 7 | 0 | 2 | 2 | 2 | 11 | 2 | 0 | 0 | 12 | 11 | 11 | 0 | 10 |
| <=0.03 | | | | | | | | | | 12 | | | | | |
| 0.064 | | | | | | | 1 | | | | | | | | |
| <=0.25 | | | | 9 | | | | | | | | | | 3 | 1 |
| 0.25 | | | | | | | 9 | | | | | | | | |
| <=0.5 | | | | | 8 | | | | 11 | | | | | | |
| 0.5 | | | | 1 | | | 2 | | | | | | | 8 | 1 |
| <=1 | 4 | | | | | | | 9 | | | | | | | |
| 1 | | | | | 2 | | | | 1 | | | | | 1 | |
| <=2 | | | 2 | | | | | | | | | | 1 | | |
| 2 | 1 | | | | | | | 1 | | | | | | | |
| 4 | | | 3 | | 2 | | | 2 | | | | | | | |
| >4 | | | | 2 | | | | | | | | | | | |
| <=8 | | | | | | 10 | | | | | | | | | |
| 8 | | | 5 | | | | | | | | | | | | |
| 16 | | | 2 | | | | | | | | | | | | |
| >32 | | | | | | | | | | | | | | | 10 |
| 64 | | | | | | | | | | | 1 | | 1 | | |
| >64 | 7 | | | | | | | | | | | | 10 | | |
| 128 | | | | | | 2 | | | | | 3 | 1 | | | |
| >128 | | | | | | | | | | | 8 | | | | |
| >1024 | | | | | | | | | | | | 11 | | | |

## 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

Sampling Details: N_A

| | 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** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** |
| **MIC** | **N of resistant isolates** | **6** | **6** | **0** | **0** | **6** | **0** | **0** | **0** | **0** | **0** |
| <=0.015 | | | | | | | | 6 | | | |
| <=0.03 | | | | | | | | | | 6 | |
| <=0.12 | | | | | | | | | 5 | | |
| 0.12 | | | | 5 | | | | | | | |
| 0.25 | | | | 1 | | | 2 | | 1 | | |
| 0.5 | | | | | | | 3 | | | | |
| 1 | | | | | | | 1 | | | | |
| 4 | | | | | 2 | 5 | | | | | |
| 8 | | 6 | | | 4 | 1 | | | | | 5 |
| 16 | | | | | | | | | | | 1 |
| 32 | | | 4 | | | | | | | | |
| 64 | | | 2 | | | | | | | | |

## 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

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** |
| **MIC** | **N of resistant isolates** | **8** | **0** | **6** | **6** | **2** | **8** | **0** | **0** | **0** | **8** | **8** | **8** | **0** | **8** |
| <=0.03 | | | | | | | | | | 8 | | | | | |
| <=0.25 | | | | 2 | | | | | | | | | | | |
| 0.25 | | | | | | | 8 | | | | | | | | |
| <=0.5 | | | | | 2 | | | | 8 | | | | | | |
| 0.5 | | | | | | | | | | | | | | 8 | |
| <=1 | | | | | | | | 8 | | | | | | | |
| 4 | | | 1 | | 5 | | | | | | | | | | |
| >4 | | | | 6 | | | | | | | | | | | |
| <=8 | | | | | | 6 | | | | | | | | | |
| 8 | | | 6 | | 1 | | | | | | | | | | |
| 16 | | | 1 | | | | | | | | | | | | |
| >32 | | | | | | | | | | | | | | | 8 |
| 64 | | | | | | | | | | | | | 1 | | |
| >64 | | 8 | | | | | | | | | | | 7 | | |
| 128 | | | | | | 2 | | | | | 4 | | | | |
| >128 | | | | | | | | | | | 4 | | | | |
| >1024 | | | | | | | | | | | | 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 pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| **MIC** | **N of resistant isolates** | **1** | **1** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| <=0.015 | | | | | | | | 1 | | | |
| <=0.03 | | | | | | | | | | 1 | |
| <=0.12 | | | | | | | | | 1 | | |
| 0.12 | | | | 1 | | | | | | | |
| 0.5 | | | | | | | 1 | | | | |
| 4 | | | | | | 1 | | | | | |
| 8 | | 1 | | | 1 | | | | | | 1 |
| 32 | | | 1 | | | | | | | | |

## 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

Sampling Details: N_A

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

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

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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **17** | **17** | **17** | **17** | **17** | **17** | **17** | **17** | **17** | **17** |
| **MIC** | **N of resistant isolates** | **17** | **17** | **0** | **0** | **17** | **0** | **0** | **0** | **0** | **0** |
| <=0.015 | | | | | | | | 17 | | | |
| <=0.03 | | | | | | | | | | 16 | |
| 0.064 | | | | | | | | | | 1 | |
| <=0.12 | | | | | | | 1 | | 13 | | |
| 0.12 | | | | 13 | | | | | | | |
| 0.25 | | | | 4 | | | 12 | | 4 | | |
| 0.5 | | | | | | | 4 | | | | |
| 4 | | | | | 2 | 15 | | | | | |
| 8 | | 15 | | | 15 | 1 | | | | | 16 |
| 16 | | 1 | 4 | | | 1 | | | | | 1 |
| 32 | | 1 | 12 | | | | | | | | |
| >64 | | | 1 | | | | | | | | |

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ECOFF | 8 | 16 | 0.5 | 2 | 16 | 0.064 | 2 | 2 | 0.125 | 16 | 256 | 8 | 1 | 2 |
| | Lowest limit | 1 | 2 | 0.25 | 0.5 | 8 | 0.015 | 1 | 0.5 | 0.03 | 4 | 8 | 2 | 0.25 | 0.25 |
| | Highest limit | 64 | 64 | 4 | 8 | 128 | 8 | 16 | 32 | 16 | 128 | 1024 | 64 | 8 | 32 |
| | N of tested isolates | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 |
| MIC | N of resistant isolates | 56 | 0 | 17 | 17 | 11 | 72 | 1 | 0 | 0 | 72 | 70 | 70 | 0 | 62 |
| <=0.03 | | | | | | | | | | 73 | | | | | |
| 0.03 | | | | | | | 1 | | | | | | | | |
| 0.12 | | | | | | | 1 | | | | | | | | |
| <=0.25 | | | | 52 | | | | | | | | | | 3 | 8 |
| 0.25 | | | | | | | 61 | | | | | | | | |
| <=0.5 | | | | | 49 | | | | 71 | | | | | | |
| 0.5 | | | | 4 | | | 10 | | | | | | | 59 | 3 |
| <=1 | 4 | | | | | | | 72 | | | | | | | |
| 1 | | | | | 7 | | | | 2 | | | | | 11 | |
| <=2 | | 1 | | | | | | | | | | | 3 | | |
| 2 | 11 | | | | | | | | | | | | | | |
| <=4 | | | | | | | | | | | 1 | | | | |
| 4 | 2 | 16 | | 16 | | | | 1 | | | | | | | |
| >4 | | | 17 | | | | | | | | | | | | |
| <=8 | | | | | | 59 | | | | | | | | | |
| 8 | | 47 | | 1 | | | | | | | | | | | |
| 16 | | 9 | | | | 3 | | | | | | | | | |
| 32 | 1 | | | | | | | | | | | 2 | | | |
| >32 | | | | | | | | | | | | | | | 62 |
| 64 | 1 | | | | | 2 | | | | | | 1 | | | |
| >64 | 54 | | | | | | | | | | | | 70 | | |
| 128 | | | | | | 4 | | | | | 15 | | | | |

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **73** | **73** | **73** | **73** | **73** | **73** | **73** | **73** | **73** | **73** | **73** | **73** | **73** | **73** |
| **MIC** | **N of resistant isolates** | **56** | **0** | **17** | **17** | **11** | **72** | **1** | **0** | **0** | **72** | **70** | **70** | **0** | **62** |
| >128 | | | | | | 5 | | | | | 57 | | | | |
| >1024 | | | | | | | | | | | | 70 | | | |

## Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from broilers (Gallus gallus)

Sampling Stage: Slaughterhouse

Sampling Type: food sample

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| **MIC** | **N of resistant isolates** | **1** | **1** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| <=0.015 | | | | | | | | 1 | | | |
| <=0.03 | | | | | | | | | | 1 | |
| <=0.12 | | | | | | | | | 1 | | |
| 0.12 | | | | 1 | | | | | | | |
| 0.25 | | | | | | | 1 | | | | |
| 4 | | | | | 1 | 1 | | | | | |
| 8 | | 1 | | | | | | | | | 1 |
| 32 | | | 1 | | | | | | | | |

## Table Antimicrobial susceptibility testing of Salmonella Infantis in Meat from broilers (Gallus gallus)

Sampling Stage: Slaughterhouse

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Infantis in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Infantis in African wild dog

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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Infantis 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

Sampling Details: N_A

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Infantis 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **24** | **24** | **24** | **24** | **24** | **24** | **24** | **24** | **24** | **24** |
| **MIC** | **N of resistant isolates** | **24** | **24** | **0** | **3** | **17** | **0** | **0** | **0** | **0** | **0** |
| <=0.015 | | | | | | | | 24 | | | |
| <=0.03 | | | | | | | | | | 24 | |
| <=0.064 | | | | 1 | | | | | | | |
| <=0.12 | | | | | | | | | 21 | | |
| 0.12 | | | | 15 | | | | | | | |
| 0.25 | | | | 8 | | | 12 | | 3 | | |
| 0.5 | | | | | | | 11 | | | | |
| 1 | | | | | | | 1 | | | | |
| 2 | | | | | | 7 | | | | | |
| 4 | | 1 | | | 3 | 12 | | | | | 2 |
| 8 | | 20 | | | 18 | 4 | | | | | 18 |
| 16 | | 3 | 6 | | 3 | | | | | | 4 |
| 32 | | | 13 | | | | | | | | |
| 64 | | | 5 | | | 1 | | | | | |

## Table Antimicrobial susceptibility testing of Salmonella Infantis in Gallus gallus (fowl) - broilers - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** |
| **MIC** | **N of resistant isolates** | **26** | **0** | **24** | **23** | **3** | **26** | **0** | **0** | **0** | **26** | **24** | **24** | **0** | **26** |
| <=0.03 | | | | | | | | | | 26 | | | | | |
| <=0.25 | | | | 2 | | | | | | | | | | 2 | |
| 0.25 | | | | | | | 25 | | | | | | | | |
| <=0.5 | | | | | 2 | | | | 26 | | | | | | |
| 0.5 | | | | | | | 1 | | | | | | | 22 | |
| <=1 | | | | | | | | 26 | | | | | | | |
| 1 | | | | | | | | | | | | | | 2 | |
| <=2 | | | | | | | | | | | | | 2 | | |
| 2 | | | | | 1 | | | | | | | | | | |
| 4 | | | 4 | | 15 | | | | | | | | | | |
| >4 | | | | 24 | | | | | | | | | | | |
| <=8 | | | | | | 23 | | | | | | | | | |
| 8 | | | 17 | | 7 | | | | | | | | | | |
| >8 | | | | | 1 | | | | | | | | | | |
| 16 | | | 5 | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | 1 | | | |
| >32 | | | | | | | | | | | | | | | 26 |
| 64 | | | | | | 1 | | | | | | 1 | | | |
| >64 | | 26 | | | | | | | | | | | 24 | | |
| 128 | | | | | | 1 | | | | | 9 | | | | |
| >128 | | | | | | 1 | | | | | 17 | | | | |
| 512 | | | | | | | | | | | | 1 | | | |

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** | **26** |
| **MIC** | **N of resistant isolates** | **26** | **0** | **24** | **23** | **3** | **26** | **0** | **0** | **0** | **26** | **24** | **24** | **0** | **26** |
| >1024 | | | | | | | | | | | | 23 | | | |

## Table Antimicrobial susceptibility testing of Salmonella Kasenyi in Turkeys - meat production flocks - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

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

Sampling Details: N_A

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

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

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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| **MIC** | **N of resistant isolates** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** | **1** | **1** | **1** | **0** | **1** |
| <=0.03 | | | | | | | | | | 1 | | | | | |
| <=0.25 | | | | 1 | | | | | | | | | | | |
| 0.25 | | | | | | | 1 | | | | | | | | |
| <=0.5 | | | | | 1 | | | | 1 | | | | | | |
| 0.5 | | | | | | | | | | | | | | 1 | |
| <=1 | | | | | | | | 1 | | | | | | | |
| 2 | | 1 | | | | | | | | | | | | | |
| <=8 | | | | | | 1 | | | | | | | | | |
| 8 | | | 1 | | | | | | | | | | | | |
| >32 | | | | | | | | | | | | | | | 1 |
| >64 | | | | | | | | | | | | | 1 | | |
| 128 | | | | | | | | | | | 1 | | | | |
| >1024 | | | | | | | | | | | | 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: Not specified

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Kentucky 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Kentucky in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **17** | **17** | **17** | **17** | **17** | **17** | **17** | **17** | **17** | **17** | **17** | **17** | **17** | **17** |
| **MIC** | **N of resistant isolates** | **4** | **0** | **0** | **0** | **0** | **17** | **0** | **16** | **0** | **17** | **16** | **17** | **0** | **1** |
| <=0.03 | | | | | | | | | | 17 | | | | | |
| <=0.25 | | | | 17 | | | | | | | | | | | 15 |
| <=0.5 | | | | | 14 | | | | 1 | | | | | | |
| 0.5 | | | | | | | | | | | | | | 17 | 1 |
| <=1 | | 12 | | | | | | 17 | | | | | | | |
| 1 | | | | | 3 | | | | | | | | | | |
| 2 | | 1 | | | | | | | | | | | | | |
| 4 | | | 7 | | | | | | | | | | | | |
| <=8 | | | | | | 17 | | | | | | | | | |
| 8 | | | 10 | | | | 12 | | | | | | | | |
| >8 | | | | | | | 5 | | | | | | | | |
| 16 | | | | | | | | | 12 | | | | | | |
| 32 | | | | | | | | | 4 | | | 1 | | | |
| >32 | | | | | | | | | | | | | | | 1 |
| >64 | | 4 | | | | | | | | | | | 17 | | |
| >128 | | | | | | | | | | | 17 | | | | |
| >1024 | | | | | | | | | | | | 16 | | | |

## Table Antimicrobial susceptibility testing of Salmonella Kentucky in Gallus gallus (fowl) - laying hens - adult

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Kentucky 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

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** |
| **MIC** | **N of resistant isolates** | **1** | **0** | **0** | **0** | **1** | **15** | **0** | **0** | **0** | **15** | **2** | **2** | **0** | **1** |
| <=0.015 | | | | | | | 1 | | | | | | | | |
| <=0.03 | | | | | | | | | | 16 | | | | | |
| <=0.25 | | | | 15 | | | | | | | | | | 15 | 14 |
| 0.25 | | | | | | | 15 | | | | | | | | |
| <=0.5 | | | | | 15 | | | | 16 | | | | | | |
| 0.5 | | | | 1 | | | | | | | | | | 1 | 1 |
| <=1 | | 15 | | | | | | 16 | | | | | | | |
| 1 | | | | | 1 | | | | | | | | | | |
| <=2 | | | | | | | | | | | | | 14 | | |
| <=4 | | | | | | | | | | | 1 | | | | |
| 4 | | | 10 | | | | | | | | | | | | |
| <=8 | | | | | | 15 | | | | | | | | | |
| 8 | | | 6 | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | 4 | | | |
| >32 | | | | | | | | | | | | | | | 1 |
| 64 | | | | | | | | | | | | 5 | | | |
| >64 | | 1 | | | | | | | | | | | 2 | | |
| 128 | | | | | | 1 | | | | | 1 | 5 | | | |
| >128 | | | | | | | | | | | 14 | | | | |
| >1024 | | | | | | | | | | | | 2 | | | |

## Table Antimicrobial susceptibility testing of Salmonella Kentucky 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

Sampling Details: N_A

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

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

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Kentucky 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

Sampling Details: N_A

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

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **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** |
| **MIC** | **N of resistant isolates** | **2** | **0** | **0** | **0** | **4** | **28** | **0** | **0** | **0** | **28** | **5** | **4** | **0** | **0** |
| <=0.03 | | | | | | | | | | 28 | | | | | |
| <=0.25 | | | | 28 | | | | | | | | | | 23 | 28 |
| 0.25 | | | | | | | 24 | | | | | | | | |
| <=0.5 | | | | | 28 | | | | 27 | | | | | | |
| 0.5 | | | | | | | 4 | | | | | | | 5 | |
| <=1 | | 22 | | | | | | 28 | | | | | | | |
| 1 | | | | | | | | | 1 | | | | | | |
| <=2 | | | | | | | | | | | | | 24 | | |
| 2 | | 3 | | | | | | | | | | | | | |
| 4 | | 1 | 16 | | | | | | | | | | | | |
| <=8 | | | | | | 24 | | | | | | | | | |
| 8 | | | 11 | | | | | | | | | | | | |
| 16 | | | 1 | | | | | | | | | 1 | | | |
| 32 | | | | | | | | | | | | 2 | | | |
| 64 | | | | | | 1 | | | | | | 13 | | | |
| >64 | | 2 | | | | | | | | | | | 4 | | |
| 128 | | | | | | 2 | | | | | | 7 | | | |
| >128 | | | | | | 1 | | | | | 28 | | | | |
| >1024 | | | | | | | | | | | | 5 | | | |

## 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Lexington 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Lexington 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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella 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

Sampling Details: N_A

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

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

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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs and dust

Sampling Context: Surveillance

Sampler: HACCP and own check

Sampling Strategy: Suspect sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Livingstone in Gallus gallus (fowl) - breeding flocks, unspecified

Sampling Stage: Hatchery

Sampling Type: environmental sample - delivery box liner

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Selective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Livingstone in African wild dog

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Livingstone 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Livingstone 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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Livingstone in Gallus gallus (fowl) - broilers - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** |
| **MIC** | **N of resistant isolates** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** | **0** | **0** | **0** |
| <=0.015 | | | | | | | 24 | | | | | | | | |
| <=0.03 | | | | | | | | | | 27 | | | | | |
| 0.03 | | | | | | | 3 | | | | | | | | |
| <=0.25 | | | | 27 | | | | | | | | | | 27 | 23 |
| <=0.5 | | | | | 27 | | | | 24 | | | | | | |
| 0.5 | | | | | | | | | | | | | | | 4 |
| <=1 | | 24 | | | | | | 25 | | | | | | | |
| 1 | | | | | | | | | 2 | | | | | | |
| <=2 | | | | | | | | | | | | | 27 | | |
| 2 | | 3 | | | | | | 2 | 1 | | | | | | |
| <=4 | | | | | | | | | | | 27 | | | | |
| <=8 | | | | | | 27 | | | | | | | | | |
| 8 | | | 27 | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | 14 | | | |
| 64 | | | | | | | | | | | | 11 | | | |
| 128 | | | | | | | | | | | | 1 | | | |
| >1024 | | | | | | | | | | | | 1 | | | |

## Table Antimicrobial susceptibility testing of Salmonella Llandoff 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Llandoff in Gallus gallus (fowl) - parent breeding flocks, unspecified

Sampling Stage: Farm

Sampling Type: environmental sample - hatcher basket liner

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella London 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella London 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella London in Gallus gallus (fowl) - broilers - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Mbandaka 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Mbandaka 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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Mishmarhaemek 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Montevideo 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Montevideo 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Muenchen 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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Muenchen in Gallus gallus (fowl) - broilers - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Napoli in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Newport 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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Farm

Sampling Type: animal sample - faeces

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Oranienburg 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

Sampling Details: N_A

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Poona 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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Rissen in Gallus gallus (fowl) - laying hens - adult

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Rissen 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

Sampling Details: N_A

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

## 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Saintpaul in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Senftenberg 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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Senftenberg 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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## 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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.5** | **2** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **256** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** |
| **MIC** | **N of resistant isolates** | **2** | **0** | **0** | **0** | **1** | **4** | **0** | **1** | **0** | **4** | **2** | **2** | **0** | **1** |
| <=0.015 | | | | | | | 5 | | | | | | | | |
| <=0.03 | | | | | | | | | | 11 | | | | | |
| 0.03 | | | | | | | 2 | | | | | | | | |
| 0.12 | | | | | | | 1 | | | | | | | | |
| <=0.25 | | | | 11 | | | | | | | | | | 10 | 5 |
| 0.25 | | | | | | | 1 | | | | | | | | |
| <=0.5 | | | | | 11 | | | | 10 | | | | | | |
| 0.5 | | | | | | | 2 | | | | | | | 1 | 5 |
| <=1 | | 9 | | | | | | 11 | | | | | | | |
| <=2 | | | | | | | | | | | | | 9 | | |
| <=4 | | | | | | | | | | | 7 | | | | |
| 4 | | | 8 | | | | | | | | | | | | |
| <=8 | | | | | | 10 | | | | | | | | | |
| 8 | | | 2 | | | | | | | | | | | | |
| 16 | | | 1 | | | | | | | | | | | | |
| 32 | | | | | | | | | 1 | | 2 | 2 | | | |
| >32 | | | | | | | | | | | | | | | 1 |
| 64 | | | | | | | | | | | | 6 | | | |
| >64 | | 2 | | | | | | | | | | | 2 | | |
| 128 | | | | | | 1 | | | | | | 1 | | | |
| >128 | | | | | | | | | | | 2 | | | | |
| >1024 | | | | | | | | | | | | 2 | | | |

## 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Tennessee 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Tennessee 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Tennessee 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Thompson in Meat from broilers (Gallus gallus) - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Thompson 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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Thompson in Gallus gallus (fowl) - laying hens - adult

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

Sampling Details: N_A

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

Sampling Details: N_A

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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Tilburg in Gallus gallus (fowl) - broilers - during rearing period

Sampling Stage: Farm

Sampling Type: environmental sample - boot swabs

Sampling Context: Control and eradication programmes

Sampler: Official sampling

Sampling Strategy: Census

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Typhimurium 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

Sampling Details: N_A

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

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## 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

Sampling Details: N_A

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

## 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: Suspect sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Gallus gallus (fowl) - parent 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: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Processing plant

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample

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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official and industry sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: HACCP and own check

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from pig

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Turkeys - fattening flocks

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic 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

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Typhimurium, monophasic in Meat from bovine animals - carcase

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

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

## Table Antimicrobial susceptibility testing of Salmonella Veneziana in Shellfish

Sampling Stage: Natural habitat

Sampling Type: animal sample - organ/tissue

Sampling Context: Surveillance

Sampler: Official sampling

Sampling Strategy: Convenient sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

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

Sampling Details: N_A

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

## ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| AM substance | Cefepime | Cefotaxim | Cefotaxime + Clavulanic acid | Cefoxitin | Ceftazidim | Ceftazidime + Clavulanic acid | Ertapenem | Imipenem | Meropenem | Temocillin |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cefotaxime synergy test** | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available |
| **Ceftazidime synergy test** | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available |
| **ECOFF** | 0.125 | 0.25 | 0.25 | 8 | 0.5 | 0.5 | 0.06 | 0.5 | 0.125 | 32 |
| **Lowest limit** | 0.064 | 0.25 | 0.064 | 0.5 | 0.25 | 0.12 | 0.015 | 0.12 | 0.03 | 0.5 |
| **Highest limit** | 32 | 64 | 64 | 64 | 128 | 128 | 2 | 16 | 16 | 128 |
| **N of tested isolates** | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 |
| **N of resistant isolates** | 211 | 223 | 33 | 33 | 196 | 32 | 4 | 0 | 0 | 1 |
| **MIC** | | | | | | | | | | |
| <=0.015 | | | | | | | 179 | | | |
| <=0.03 | | | | | | | | | 215 | |
| 0.03 | | | | | | | 34 | | | |
| <=0.064 | 1 | | 171 | | | | | | | |
| 0.064 | | | | | | | 6 | | 7 | |
| <=0.12 | | | | | | 165 | | 144 | | |
| 0.12 | 11 | | 17 | | | | 3 | | 1 | |
| <=0.25 | | | | | 2 | | | | | |
| 0.25 | 28 | | 2 | | | 24 | | 72 | | |
| <=0.5 | | | | | | | | | | 1 |
| 0.5 | 28 | | 4 | | 25 | 2 | 1 | 7 | | |

| | AM substance | Cefepime | Cefotaxim | Cefotaxime + Clavulanic acid | Cefoxitin | Ceftazidim | Ceftazidime + Clavulanic acid | Ertapenem | Imipenem | Meropenem | Temocillin |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Cefotaxime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **Ceftazidime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **ECOFF** | **0.125** | **0.25** | **0.25** | **8** | **0.5** | **0.5** | **0.06** | **0.5** | **0.125** | **32** |
| | **Lowest limit** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** |
| **MIC** | **N of resistant isolates** | **211** | **223** | **33** | **33** | **196** | **32** | **4** | **0** | **0** | **1** |
| 1 | | 10 | 9 | 2 | 2 | 47 | 3 | | | | 2 |
| 2 | | 16 | 22 | 2 | 24 | 40 | 6 | | | | 32 |
| 4 | | 51 | 24 | 17 | 119 | 25 | 9 | | | | 112 |
| 8 | | 44 | 32 | 8 | 45 | 33 | 14 | | | | 67 |
| 16 | | 25 | 42 | | 6 | 42 | | | | | 8 |
| 32 | | 7 | 45 | | 9 | 9 | | | | | |
| >32 | | 2 | | | | | | | | | |
| 64 | | | 36 | | 13 | | | | | | |
| >64 | | | 13 | | 5 | | | | | | |
| 128 | | | | | | | | | | | 1 |

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** |
| **MIC** | **N of resistant isolates** | **223** | **4** | **223** | **199** | **123** | **176** | **12** | **33** | **0** | **164** | **200** | **161** | **0** | **133** |
| <=0.015 | | | | | | | 43 | | | | | | | | |
| <=0.03 | | | | | | | | | | 221 | | | | | |
| 0.03 | | | | | | | 3 | | | | | | | | |
| 0.064 | | | | | | | 1 | | | 1 | | | | | |
| 0.12 | | | | | | | 15 | | | 1 | | | | | |
| <=0.25 | | | | | | | | | | | | | | 211 | 71 |
| 0.25 | | | | | | | 54 | | | | | | | | |
| <=0.5 | | | | | 24 | | | | 141 | | | | | | |
| 0.5 | | | | | | | 18 | | | | | | | 12 | 19 |
| <=1 | | | | | | | | 207 | | | | | | | |
| 1 | | | | 7 | 53 | | 9 | | 43 | | | | | | |
| <=2 | | | 23 | | | | | | | | | | 55 | | |
| 2 | | | | 29 | 41 | | 2 | 4 | 6 | | | | | | |
| <=4 | | | | | | | | | | | 42 | | | | |
| 4 | | | 119 | 22 | 21 | | 1 | 11 | 3 | | | | 3 | | |
| >4 | | | | 165 | | | | | | | | | | | |
| <=8 | | | | | | 95 | | | | | | 8 | | | |
| 8 | | | 70 | | 35 | | 51 | 1 | 1 | | 16 | | 4 | | |
| >8 | | | | | 49 | | 26 | | | | | | | | |
| 16 | | | 7 | | | 5 | | | 8 | | 1 | 11 | 1 | | 1 |
| 32 | | 1 | 3 | | | 34 | | | 4 | | 2 | 2 | 3 | | |

| | 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** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** | **223** |
| **MIC** | **N of resistant isolates** | **223** | **4** | **223** | **199** | **123** | **176** | **12** | **33** | **0** | **164** | **200** | **161** | **0** | **133** |
| >32 | | | | | | | | | 17 | | | | | | 132 |
| 64 | | | 1 | | | 29 | | | | | 8 | 2 | 67 | | |
| >64 | | 222 | | | | | | | | | | | 90 | | |
| 128 | | | | | | 17 | | | | | 48 | | | | |
| >128 | | | | | | 43 | | | | | 106 | | | | |
| >1024 | | | | | | | | | | | | 200 | | | |

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** |
| **MIC** | **N of resistant isolates** | **137** | **7** | **7** | **5** | **55** | **110** | **10** | **7** | **0** | **102** | **113** | **112** | **0** | **93** |
| <=0.015 | | | | | | | 56 | | | | | | | | |
| <=0.03 | | | | | | | | | | 170 | | | | | |
| 0.03 | | | | | | | 2 | | | | | | | | |
| 0.064 | | | | | | | 2 | | | | | | | | |
| 0.12 | | | | | | | 10 | | | | | | | | |
| <=0.25 | | | | 163 | | | | | | | | | | 164 | 54 |
| 0.25 | | | | | | | 33 | | | | | | | | |
| <=0.5 | | | | | 165 | | | | 136 | | | | | | |
| 0.5 | | | | 1 | | | 12 | | | | | | | 6 | 22 |
| <=1 | 3 | | | | | | | 158 | | | | | | | |
| 1 | | | | | 1 | | 6 | | 26 | | | | | | 1 |
| <=2 | | 22 | | | | | | | | | | | 58 | | |
| 2 | 14 | | 3 | | | | 4 | 2 | 1 | | | | | | |
| <=4 | | | | | | | | | | | 59 | | | | |
| 4 | 14 | 94 | 1 | | | | 3 | 9 | | | | | | | |
| >4 | | | 2 | | | | | | | | | | | | |
| <=8 | | | | | | 115 | | | | | | 22 | | | |
| 8 | 2 | 44 | | 3 | | | 27 | 1 | | | 7 | | | | |
| >8 | | | | 1 | | | 15 | | | | | | | | |
| 16 | | 3 | | | | | | | 5 | | 2 | 25 | 1 | | 1 |
| 32 | | 4 | | | | 27 | | | 1 | | 2 | 10 | | | |

| | 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** |
| **MIC** | **N of resistant isolates** | **137** | **7** | **7** | **5** | **55** | **110** | **10** | **7** | **0** | **102** | **113** | **112** | **0** | **93** |
| >32 | | | | | | | | | 1 | | | | | | 92 |
| 64 | | | 3 | | | 7 | | | | | 5 | | 39 | | |
| >64 | | 137 | | | | | | | | | | | 72 | | |
| 128 | | | | | | 7 | | | | | 23 | | | | |
| >128 | | | | | | 14 | | | | | 72 | | | | |
| 512 | | | | | | | | | | | | 1 | | | |
| 1024 | | | | | | | | | | | | 1 | | | |
| >1024 | | | | | | | | | | | | 111 | | | |

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** |
| **MIC** | **N of resistant isolates** | **147** | **4** | **9** | **9** | **77** | **135** | **5** | **12** | **0** | **127** | **127** | **112** | **0** | **109** |
| <=0.015 | | | | | | | 34 | | | | | | | | |
| <=0.03 | | | | | | | | | | 171 | | | | | |
| 0.03 | | | | | | | 2 | | | | | | | | |
| 0.12 | | | | | | | 9 | | | | | | | | |
| <=0.25 | | | | 162 | | | | | | | | | | 167 | 50 |
| 0.25 | | | | | | | 38 | | | | | | | | |
| <=0.5 | | | | | 162 | | | | 114 | | | | | | |
| 0.5 | | | | | | | 15 | | | | | | | 4 | 11 |
| <=1 | | 1 | | | | | | 162 | | | | | | | |
| 1 | | | | 1 | 2 | | 7 | | 40 | | | | | | 1 |
| <=2 | | | 19 | | | | | | | | | | 59 | | |
| 2 | | 15 | | 2 | 1 | | 7 | 4 | 5 | | | | | | |
| <=4 | | | | | | | | | | | 38 | | | | |
| 4 | | 7 | 77 | | 1 | | 5 | 5 | | | | | | | |
| >4 | | | | 6 | | | | | | | | | | | |
| <=8 | | | | | | 89 | | | | | | 20 | | | |
| 8 | | 1 | 59 | | 1 | | 35 | | | | 5 | | | | 2 |
| >8 | | | | | 4 | | 19 | | | | | | | | |
| 16 | | | 12 | | | 5 | | | 3 | | 1 | 14 | | | 1 |
| 32 | | 1 | 1 | | | 24 | | | 2 | | 4 | 10 | 2 | | 2 |
| >32 | | | | | | | | | 7 | | | | | | 104 |

| | 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** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** | **171** |
| **MIC** | **N of resistant isolates** | **147** | **4** | **9** | **9** | **77** | **135** | **5** | **12** | **0** | **127** | **127** | **112** | **0** | **109** |
| 64 | | 2 | 3 | | | 26 | | | | | 6 | | 36 | | |
| >64 | | 144 | | | | | | | | | | | 74 | | |
| 128 | | | | | | 10 | | | | | 23 | | | | |
| >128 | | | | | | 17 | | | | | 94 | | | | |
| 256 | | | | | | | | | | | | 1 | | | |
| 1024 | | | | | | | | | | | | 1 | | | |
| >1024 | | | | | | | | | | | | 125 | | | |

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| AM substance | | Cefepime | Cefotaxim | Cefotaxime + Clavulanic acid | Cefoxitin | Ceftazidim | Ceftazidime + Clavulanic acid | Ertapenem | Imipenem | Meropenem | Temocillin |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cefotaxime synergy test | | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available |
| Ceftazidime synergy test | | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available |
| ECOFF | | 0.125 | 0.25 | 0.25 | 8 | 0.5 | 0.5 | 0.06 | 0.5 | 0.125 | 32 |
| Lowest limit | | 0.064 | 0.25 | 0.064 | 0.5 | 0.25 | 0.12 | 0.015 | 0.12 | 0.03 | 0.5 |
| Highest limit | | 32 | 64 | 64 | 64 | 128 | 128 | 2 | 16 | 16 | 128 |
| N of tested isolates | | 386 | 386 | 386 | 386 | 386 | 386 | 386 | 386 | 386 | 386 |
| N of resistant isolates | | 365 | 386 | 61 | 69 | 350 | 62 | 8 | 0 | 0 | 0 |
| MIC | | | | | | | | | | | |
| <=0.015 | | | | | | | | 298 | | | |
| <=0.03 | | | | | | | | | | 372 | |
| 0.03 | | | | | | | | 67 | | | |
| <=0.064 | | 3 | | 287 | | | | | | | |
| 0.064 | | | | | | | | 13 | | 13 | |
| <=0.12 | | | | | | | 256 | | 261 | | |
| 0.12 | | 18 | | 36 | | | | 4 | | 1 | |
| <=0.25 | | | | | | 1 | | | | | |
| 0.25 | | 62 | | 2 | | | 61 | 3 | 111 | | |
| <=0.5 | | | | | | | | | | | 1 |
| 0.5 | | 67 | 2 | 1 | | 35 | 7 | 1 | 14 | | |
| 1 | | 10 | 14 | 4 | 3 | 71 | 3 | | | | 2 |
| 2 | | 31 | 48 | 3 | 40 | 66 | 9 | | | | 42 |
| 4 | | 68 | 44 | 38 | 181 | 50 | 33 | | | | 203 |

| | AM substance | Cefepime | Cefotaxim | Cefotaxime + Clavulanic acid | Cefoxitin | Ceftazidim | Ceftazidime + Clavulanic acid | Ertapenem | Imipenem | Meropenem | Temocillin |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Cefotaxime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **Ceftazidime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **ECOFF** | **0.125** | **0.25** | **0.25** | **8** | **0.5** | **0.5** | **0.06** | **0.5** | **0.125** | **32** |
| | **Lowest limit** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** |
| **MIC** | **N of resistant isolates** | **365** | **386** | **61** | **69** | **350** | **62** | **8** | **0** | **0** | **0** |
| 8 | | 77 | 59 | 14 | 93 | 71 | 15 | | | | 121 |
| 16 | | 31 | 59 | 1 | 11 | 69 | 1 | | | | 16 |
| 32 | | 13 | 75 | | 18 | 22 | 1 | | | | 1 |
| >32 | | 6 | | | | | | | | | |
| 64 | | | 58 | | 26 | 1 | | | | | |
| >64 | | | 27 | | 14 | | | | | | |

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** |
| **MIC** | **N of resistant isolates** | **386** | **13** | **386** | **346** | **207** | **295** | **20** | **62** | **0** | **273** | **346** | **285** | **0** | **211** |
| <=0.015 | | | | | | | 87 | | | | | | | | |
| <=0.03 | | | | | | | | | | 383 | | | | | |
| 0.03 | | | | | | | 2 | | | | | | | | |
| 0.064 | | | | | | | 2 | | | 3 | | | | | |
| 0.12 | | | | | | | 25 | | | | | | | | |
| <=0.25 | | | | | | | | | | | | | | 377 | 140 |
| 0.25 | | | | | | | 86 | | | | | | | | |
| <=0.5 | | | | | 40 | | | | 259 | | | | | | |
| 0.5 | | | | 1 | | | 33 | | | | | | | 9 | 30 |
| <=1 | | | | | | | | 363 | | | | | | | |
| 1 | | | | 14 | 68 | | 7 | | 59 | | | | | | 4 |
| <=2 | | | 53 | | | | | | | | | | 92 | | |
| 2 | | | | 55 | 66 | | 8 | 3 | 6 | | | | | | 1 |
| <=4 | | | | | | | | | | | 92 | | | | |
| 4 | | | 184 | 44 | 45 | | 6 | 16 | 6 | | | | 4 | | |
| >4 | | | | 272 | | | | | | | | | | | |
| <=8 | | | | | | 177 | | | | | | 24 | | | |
| 8 | | | 126 | | 76 | | 75 | 4 | 6 | | 15 | | 5 | | |
| >8 | | | | | 91 | | 55 | | | | | | | | |
| 16 | | | 10 | | | 2 | | | 18 | | 6 | 12 | 2 | | |
| 32 | | | 7 | | | 74 | | | 12 | | 2 | 3 | 10 | | 2 |

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.25** | **0.5** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **64** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** | **386** |
| **MIC** | **N of resistant isolates** | **386** | **13** | **386** | **346** | **207** | **295** | **20** | **62** | **0** | **273** | **346** | **285** | **0** | **211** |
| >32 | | | | | | | | | 20 | | | | | | 209 |
| 64 | | 1 | 5 | | | 50 | | | | | 20 | 1 | 112 | | |
| >64 | | 385 | 1 | | | | | | | | | | 161 | | |
| 128 | | | | | | 43 | | | | | 60 | | | | |
| >128 | | | | | | 40 | | | | | 191 | | | | |
| 1024 | | | | | | | | | | | | 3 | | | |
| >1024 | | | | | | | | | | | | 343 | | | |

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

Sampling Stage: Retail

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

Sampling Details: N_A

| | 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** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** |
| **MIC** | **N of resistant isolates** | **17** | **1** | **0** | **0** | **4** | **13** | **4** | **2** | **0** | **11** | **12** | **15** | **0** | **12** |
| <=0.015 | | | | | | | 14 | | | | | | | | |
| <=0.03 | | | | | | | | | | 28 | | | | | |
| 0.03 | | | | | | | 1 | | | | | | | | |
| 0.12 | | | | | | | 1 | | | | | | | | |
| <=0.25 | | | | 28 | | | | | | | | | | 28 | 12 |
| 0.25 | | | | | | | 3 | | | | | | | | |
| <=0.5 | | | | | 28 | | | | 19 | | | | | | |
| 0.5 | | | | | | | | | | | | | | | 4 |
| <=1 | | | | | | | | 24 | | | | | | | |
| 1 | | | | | | | | | 7 | | | | | | |
| <=2 | | | 7 | | | | | | | | | | 12 | | |
| 2 | | 8 | | | | | | | | | | | | | |
| <=4 | | | | | | | | | | | 16 | | | | |
| 4 | | 3 | 13 | | | | 1 | 4 | | | | | 1 | | |
| <=8 | | | | | | 24 | | | | | | 7 | | | |
| 8 | | | 7 | | | | 5 | | | | 1 | | | | |
| >8 | | | | | | | 3 | | | | | | | | |
| 16 | | | | | | | | | | | | 7 | | | |
| 32 | | | | | | 2 | | | 1 | | | 2 | | | |
| >32 | | | | | | | | | 1 | | | | | | 12 |
| 64 | | | 1 | | | | | | | | | | 5 | | |

| | 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** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** | **28** |
| **MIC** | **N of resistant isolates** | **17** | **1** | **0** | **0** | **4** | **13** | **4** | **2** | **0** | **11** | **12** | **15** | **0** | **12** |
| >64 | | 17 | | | | | | | | | | | 10 | | |
| 128 | | | | | | 1 | | | | | 2 | | | | |
| >128 | | | | | | 1 | | | | | 9 | | | | |
| >1024 | | | | | | | | | | | | 12 | | | |

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

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | AM substance | Cefepime | Cefotaxim | Cefotaxime + Clavulanic acid | Cefoxitin | Ceftazidim | Ceftazidime + Clavulanic acid | Ertapenem | Imipenem | Meropenem | Temocillin |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Cefotaxime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **Ceftazidime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **ECOFF** | **0.125** | **0.25** | **0.25** | **8** | **0.5** | **0.5** | **0.06** | **0.5** | **0.125** | **32** |
| | **Lowest limit** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** |
| **MIC** | **N of resistant isolates** | **26** | **27** | **2** | **2** | **22** | **2** | **0** | **0** | **0** | **0** |
| <=0.015 | | | | | | | | 24 | | | |
| <=0.03 | | | | | | | | | | 22 | |
| 0.03 | | | | | | | | 3 | | | |
| <=0.064 | | 1 | | 24 | | | | | | | |
| 0.064 | | | | | | | | | | 5 | |
| <=0.12 | | | | | | | 23 | | 18 | | |
| 0.12 | | | | 1 | | | | | | | |
| 0.25 | | 5 | | | | | 1 | | 6 | | |
| <=0.5 | | | | | | | | | | | 1 |
| 0.5 | | 1 | | | | 5 | 1 | | 3 | | |
| 1 | | 2 | 2 | 1 | | 8 | | | | | |
| 2 | | 4 | 4 | | 4 | 6 | 1 | | | | 6 |
| 4 | | 5 | 2 | 1 | 16 | 2 | 1 | | | | 15 |
| 8 | | 8 | 1 | | 5 | 3 | | | | | 5 |

| | AM substance | Cefepime | Cefotaxim | Cefotaxime + Clavulanic acid | Cefoxitin | Ceftazidim | Ceftazidime + Clavulanic acid | Ertapenem | Imipenem | Meropenem | Temocillin |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Cefotaxime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **Ceftazidime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **ECOFF** | **0.125** | **0.25** | **0.25** | **8** | **0.5** | **0.5** | **0.06** | **0.5** | **0.125** | **32** |
| | **Lowest limit** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** |
| **MIC** | **N of resistant isolates** | **26** | **27** | **2** | **2** | **22** | **2** | **0** | **0** | **0** | **0** |
| 16 | | | 7 | | 1 | 2 | | | | | |
| 32 | | 1 | 7 | | 1 | 1 | | | | | |
| 64 | | | 3 | | | | | | | | |
| >64 | | | 1 | | | | | | | | |

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

Sampling Stage: Retail

Sampling Type: food sample

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** |
| **MIC** | **N of resistant isolates** | **27** | **3** | **27** | **22** | **12** | **18** | **4** | **1** | **0** | **16** | **26** | **18** | **0** | **19** |
| <=0.015 | | | | | | | 8 | | | | | | | | |
| <=0.03 | | | | | | | | | | 27 | | | | | |
| 0.03 | | | | | | | 1 | | | | | | | | |
| 0.12 | | | | | | | 6 | | | | | | | | |
| <=0.25 | | | | | | | | | | | | | | 27 | 8 |
| 0.25 | | | | | | | 7 | | | | | | | | |
| <=0.5 | | | | | 5 | | | | 23 | | | | | | |
| 0.5 | | | | | | | 1 | | | | | | | | |
| <=1 | | | | | | | | 21 | | | | | | | |
| 1 | | | | 2 | 8 | | | 1 | 1 | | | | | | |
| <=2 | | | 7 | | | | | | | | | | 9 | | |
| 2 | | | | 4 | 4 | | | 1 | 2 | | | | | | |
| <=4 | | | | | | | | | | | 10 | | | | |
| 4 | | | 12 | 2 | 3 | | | 3 | | | | | | | |
| >4 | | | | 19 | | | | | | | | | | | |
| <=8 | | | | | | 14 | | | | | | 1 | | | |
| 8 | | | 4 | | 3 | | 1 | 1 | 1 | | | | | | |
| >8 | | | | | 4 | | 3 | | | | | | | | |
| 16 | | | 1 | | | 1 | | | | | 1 | | | | |
| 32 | | | 2 | | | 2 | | | | | | | | | |
| >32 | | | | | | | | | | | | | | | 19 |

| | 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** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** | **27** |
| **MIC** | **N of resistant isolates** | **27** | **3** | **27** | **22** | **12** | **18** | **4** | **1** | **0** | **16** | **26** | **18** | **0** | **19** |
| 64 | | | | | | 2 | | | | | 4 | | 8 | | |
| >64 | | 27 | 1 | | | | | | | | | | 10 | | |
| 128 | | | | | | 1 | | | | | 5 | | | | |
| >128 | | | | | | 7 | | | | | 7 | | | | |
| 1024 | | | | | | | | | | | | 1 | | | |
| >1024 | | | | | | | | | | | | 25 | | | |

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

Sampling Stage: Retail

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Retail

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** |
| **MIC** | **N of resistant isolates** | **113** | **9** | **1** | **2** | **29** | **82** | **16** | **16** | **0** | **63** | **91** | **97** | **0** | **90** |
| <=0.015 | | | | | | | 55 | | | | | | | | |
| <=0.03 | | | | | | | | | | 142 | | | | | |
| 0.03 | | | | | | | 1 | | | | | | | | |
| 0.064 | | | | | | | 4 | | | | | | | | |
| 0.12 | | | | | | | 12 | | | | | | | | |
| <=0.25 | | | | 141 | | | | | | | | | | 138 | 35 |
| 0.25 | | | | | | | 23 | | | | | | | | |
| <=0.5 | | | | | 140 | | | | 98 | | | | | | |
| 0.5 | | | | | | | 5 | | | | | | | 4 | 14 |
| <=1 | | 3 | | | | | | 122 | | | | | | | |
| 1 | | | | | 1 | | 4 | | 25 | | | | | | 3 |
| <=2 | | | 42 | | | | | | | | | | 43 | | |
| 2 | | 18 | | 1 | | | | 4 | 3 | | | | | | |
| <=4 | | | | | | | | | | | 63 | | | | |
| 4 | | 7 | 64 | | 1 | | 3 | 16 | | | | | 2 | | 2 |
| <=8 | | | | | | 109 | | | | | | 23 | | | |
| 8 | | 1 | 25 | | | | 13 | | 1 | | 8 | | | | |
| >8 | | | | | | | 22 | | | | | | | | |
| 16 | | 1 | 2 | | | 4 | | | 3 | | 8 | 20 | 1 | | |
| 32 | | | 7 | | | 7 | | | 4 | | 3 | 4 | 3 | | |
| >32 | | | | | | | | | 8 | | | | | | 88 |

| | 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** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** |
| **MIC** | **N of resistant isolates** | **113** | **9** | **1** | **2** | **29** | **82** | **16** | **16** | **0** | **63** | **91** | **97** | **0** | **90** |
| 64 | | | 2 | | | 6 | | | | | 2 | 4 | 35 | | |
| >64 | | 112 | | | | | | | | | | | 58 | | |
| 128 | | | | | | 7 | | | | | 13 | | | | |
| >128 | | | | | | 9 | | | | | 45 | | | | |
| >1024 | | | | | | | | | | | | 91 | | | |

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| AM substance | Cefepime | Cefotaxim | Cefotaxime + Clavulanic acid | Cefoxitin | Ceftazidim | Ceftazidime + Clavulanic acid | Ertapenem | Imipenem | Meropenem | Temocillin |
|---|---|---|---|---|---|---|---|---|---|---|
| **Cefotaxime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| **Ceftazidime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| **ECOFF** | **0.125** | **0.25** | **0.25** | **8** | **0.5** | **0.5** | **0.06** | **0.5** | **0.125** | **32** |
| **Lowest limit** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| **N of tested isolates** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** |
| **MIC** **N of resistant isolates** | **107** | **117** | **13** | **15** | **106** | **14** | **1** | **1** | **0** | **0** |
| <=0.015 | | | | | | | 95 | | | |
| <=0.03 | | | | | | | | | 115 | |
| 0.03 | | | | | | | 21 | | | |
| <=0.064 | 2 | | 100 | | | | | | | |
| 0.064 | | | | | | | 1 | | 1 | |
| <=0.12 | | | | | | 95 | | 72 | | |
| 0.12 | 8 | | 4 | | | | | | 1 | |
| <=0.25 | | | | | 1 | | | | | |
| 0.25 | 7 | | | | | 7 | | 40 | | |
| <=0.5 | | | | | | | | | | 1 |
| 0.5 | 12 | | 1 | | 10 | 1 | | 4 | | |
| 1 | 2 | 4 | 7 | 1 | 39 | 3 | | | | |
| 2 | 10 | 12 | | 19 | 25 | 7 | | | | 25 |
| 4 | 32 | 10 | 2 | 65 | 8 | 1 | | 1 | | 66 |

| | AM substance | Cefepime | Cefotaxim | Cefotaxime + Clavulanic acid | Cefoxitin | Ceftazidim | Ceftazidime + Clavulanic acid | Ertapenem | Imipenem | Meropenem | Temocillin |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Cefotaxime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **Ceftazidime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **ECOFF** | **0.125** | **0.25** | **0.25** | **8** | **0.5** | **0.5** | **0.06** | **0.5** | **0.125** | **32** |
| | **Lowest limit** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** |
| **MIC** | **N of resistant isolates** | **107** | **117** | **13** | **15** | **106** | **14** | **1** | **1** | **0** | **0** |
| 8 | | 24 | 11 | 2 | 17 | 14 | 1 | | | | 23 |
| 16 | | 16 | 23 | | 3 | 14 | 2 | | | | 2 |
| 32 | | 3 | 24 | 1 | 7 | 5 | | | | | |
| >32 | | 1 | | | | | | | | | |
| 64 | | | 24 | | 4 | 1 | | | | | |
| >64 | | | 9 | | 1 | | | | | | |

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

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: OTHER ESBL MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** |
| **MIC** | **N of resistant isolates** | **117** | **4** | **117** | **102** | **56** | **86** | **17** | **10** | **0** | **82** | **103** | **85** | **0** | **87** |
| <=0.015 | | | | | | | 30 | | | | | | | | |
| <=0.03 | | | | | | | | | | 116 | | | | | |
| 0.03 | | | | | | | 1 | | | | | | | | |
| 0.12 | | | | | | | 11 | | | 1 | | | | | |
| <=0.25 | | | | | | | | | | | | | | 116 | 22 |
| 0.25 | | | | | | | 19 | | | | | | | | |
| <=0.5 | | | | | 15 | | | | 85 | | | | | | |
| 0.5 | | | | 1 | | | 7 | | | | | | | 1 | 6 |
| <=1 | | | | | | | | 95 | | | | | | | |
| 1 | | | | 5 | 42 | | 2 | | 21 | | | | | | 2 |
| <=2 | | | 20 | | | | | | | | | | 32 | | |
| 2 | | | | 11 | 16 | | 1 | 5 | 1 | | | | | | |
| <=4 | | | | | | | | | | | 30 | | | | |
| 4 | | | 59 | 11 | 13 | | 1 | 14 | 1 | | | | | | |
| >4 | | | | 89 | | | | | | | | | | | |
| <=8 | | | | | | 60 | | | | | | 5 | | | |
| 8 | | | 30 | | 10 | | 23 | 2 | 1 | | 4 | | | | |
| >8 | | | | | 21 | | 22 | | | | | | | | |
| 16 | | | 4 | | | 1 | | | | | 1 | 5 | | | |
| >16 | | | | | | | | 1 | | | | | | | |
| 32 | | | 1 | | | 13 | | | 5 | | 2 | 2 | 1 | | |

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.25** | **0.5** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **64** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** | **117** |
| **MIC** | **N of resistant isolates** | **117** | **4** | **117** | **102** | **56** | **86** | **17** | **10** | **0** | **82** | **103** | **85** | **0** | **87** |
| >32 | | | | | | | | | 3 | | | | | | 87 |
| 64 | | | 3 | | | 7 | | | | | 13 | 2 | 27 | | |
| >64 | | 117 | | | | | | | | | | | 57 | | |
| 128 | | | | | | 7 | | | | | 14 | | | | |
| >128 | | | | | | 29 | | | | | 53 | | | | |
| >1024 | | | | | | | | | | | | 103 | | | |

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

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

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** |
| **MIC** | **N of resistant isolates** | **146** | **12** | **5** | **3** | **57** | **104** | **25** | **15** | **0** | **85** | **128** | **142** | **0** | **122** |
| <=0.015 | | | | | | | 63 | | | | | | | | |
| <=0.03 | | | | | | | | | | 170 | | | | | |
| 0.03 | | | | | | | 3 | | | | | | | | |
| 0.12 | | | | | | | 8 | | | | | | | | |
| <=0.25 | | | | 165 | | | | | | | | | | 163 | 39 |
| 0.25 | | | | | | | 31 | | | | | | | | |
| <=0.5 | | | | | 167 | | | | 118 | | | | | | |
| 0.5 | | | | | | | 9 | | | | | | | 6 | 9 |
| <=1 | 2 | | | | | | | 137 | | | | | | | |
| 1 | | | | | 2 | | 3 | | 35 | | | | | 1 | |
| <=2 | | 31 | | | | | | | | | | | 28 | | |
| 2 | 10 | | | | 1 | | | 8 | 2 | | | | | | |
| <=4 | | | | | | | | | | | 68 | | | | |
| 4 | 12 | 75 | | | | | 5 | 23 | 2 | | | | | | |
| >4 | | | 5 | | | | | | | | | | | | |
| <=8 | | | | | | 110 | | | | | | 12 | | | |
| 8 | | 44 | | | | | 15 | 2 | 1 | | 8 | | | | |
| >8 | | | | | | | 33 | | | | | | | | |
| 16 | | 8 | | | | 3 | | | | | 9 | 17 | 1 | | |
| 32 | | 6 | | | | 9 | | | 5 | | | 11 | | | |
| >32 | | | | | | | | | 7 | | | | | | 122 |

| | 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** |
| **MIC** | **N of resistant isolates** | **146** | **12** | **5** | **3** | **57** | **104** | **25** | **15** | **0** | **85** | **128** | **142** | **0** | **122** |
| 64 | | | 6 | | | 10 | | | | | 3 | 2 | 32 | | |
| >64 | | 146 | | | | | | | | | | | 109 | | |
| 128 | | | | | | 14 | | | | | 15 | 1 | | | |
| >128 | | | | | | 24 | | | | | 67 | | | | |
| >1024 | | | | | | | | | | | | 127 | | | |

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | AM substance | Cefepime | Cefotaxim | Cefotaxime + Clavulanic acid | Cefoxitin | Ceftazidim | Ceftazidime + Clavulanic acid | Ertapenem | Imipenem | Meropenem | Temocillin |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Cefotaxime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **Ceftazidime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **ECOFF** | **0.125** | **0.25** | **0.25** | **8** | **0.5** | **0.5** | **0.06** | **0.5** | **0.125** | **32** |
| | **Lowest limit** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** |
| **MIC** | **N of resistant isolates** | **275** | **283** | **8** | **12** | **256** | **11** | **2** | **0** | **0** | **0** |
| <=0.015 | | | | | | | | 243 | | | |
| <=0.03 | | | | | | | | | | 278 | |
| 0.03 | | | | | | | | 33 | | | |
| <=0.064 | | | | 259 | | | | | | | |
| 0.064 | | | | | | | | 5 | | 5 | |
| <=0.12 | | | | | | | 231 | | 192 | | |
| 0.12 | | 8 | | 16 | | | | 2 | | | |
| <=0.25 | | | | | | 3 | | | | | |
| 0.25 | | 25 | | | | | 37 | | 86 | | |
| 0.5 | | 27 | | | | 24 | 4 | | 5 | | |
| 1 | | 11 | 13 | 3 | | 76 | 3 | | | | 2 |
| 2 | | 29 | 20 | 3 | 52 | 48 | 4 | | | | 46 |
| 4 | | 78 | 29 | 2 | 174 | 39 | 3 | | | | 158 |
| 8 | | 66 | 20 | | 45 | 52 | 1 | | | | 69 |

| | AM substance | Cefepime | Cefotaxim | Cefotaxime + Clavulanic acid | Cefoxitin | Ceftazidim | Ceftazidime + Clavulanic acid | Ertapenem | Imipenem | Meropenem | Temocillin |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Cefotaxime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **Ceftazidime synergy test** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** | **Not Available** |
| | **ECOFF** | **0.125** | **0.25** | **0.25** | **8** | **0.5** | **0.5** | **0.06** | **0.5** | **0.125** | **32** |
| | **Lowest limit** | **0.064** | **0.25** | **0.064** | **0.5** | **0.25** | **0.12** | **0.015** | **0.12** | **0.03** | **0.5** |
| | **Highest limit** | **32** | **64** | **64** | **64** | **128** | **128** | **2** | **16** | **16** | **128** |
| | **N of tested isolates** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** |
| **MIC** | **N of resistant isolates** | **275** | **283** | **8** | **12** | **256** | **11** | **2** | **0** | **0** | **0** |
| 16 | | 27 | 54 | | 4 | 34 | | | | | 6 |
| 32 | | 8 | 71 | | 3 | 6 | | | | | 2 |
| >32 | | 4 | | | | | | | | | |
| 64 | | | 51 | | 5 | 1 | | | | | |
| >64 | | | 25 | | | | | | | | |

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

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method: Dilution - sensititre

Country of Origin: Italy

Sampling Details: N_A

| | 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** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** |
| **MIC** | **N of resistant isolates** | **283** | **13** | **283** | **245** | **129** | **217** | **40** | **27** | **0** | **176** | **251** | **216** | **0** | **207** |
| <=0.015 | | | | | | | 64 | | | | | | | | |
| <=0.03 | | | | | | | | | | 281 | | | | | |
| 0.03 | | | | | | | 2 | | | | | | | | |
| 0.064 | | | | | | | | | | 2 | | | | | |
| 0.12 | | | | | | | 32 | | | | | | | | |
| <=0.25 | | | | | | | | | | | | | | 273 | 62 |
| 0.25 | | | | | | | 46 | | | | | | | | |
| <=0.5 | | | | | 38 | | | | 202 | | | | | | |
| 0.5 | | | | 1 | | | 24 | | | | | | | 10 | 13 |
| <=1 | | | | | | | | 239 | | | | | | | |
| 1 | | | | 11 | 77 | | 5 | | 49 | | | | | | 1 |
| <=2 | | | 58 | | | | | | | | | | 67 | | |
| 2 | | | | 27 | 40 | | 3 | 4 | 5 | | | | | | |
| <=4 | | | | | | | | | | | 74 | | | | |
| 4 | | | 130 | 34 | 38 | | 3 | 38 | 2 | | | | | | 1 |
| >4 | | | | 210 | | | | | | | | | | | |
| <=8 | | | | | | 149 | | | | | | 19 | | | |
| 8 | | | 76 | | 50 | | 40 | 1 | 1 | | 22 | | | | |
| >8 | | | | | 40 | | 64 | | | | | | | | |
| 16 | | | 6 | | | 5 | | 1 | 6 | | 11 | 6 | | | |
| 32 | | | 6 | | | 36 | | | 6 | | 5 | 6 | 7 | | 1 |

| | AM substance | Ampicillin | Azithromycin | Cefotaxim | Ceftazidim | Chloramphenicol | Ciprofloxacin | Colistin | Gentamicin | Meropenem | Nalidixic acid | Sulfamethoxazole | Tetracycline | Tigecycline | Trimethoprim |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ECOFF** | **8** | **16** | **0.25** | **0.5** | **16** | **0.064** | **2** | **2** | **0.125** | **16** | **64** | **8** | **1** | **2** |
| | **Lowest limit** | **1** | **2** | **0.25** | **0.5** | **8** | **0.015** | **1** | **0.5** | **0.03** | **4** | **8** | **2** | **0.25** | **0.25** |
| | **Highest limit** | **64** | **64** | **4** | **8** | **128** | **8** | **16** | **32** | **16** | **128** | **1024** | **64** | **8** | **32** |
| | **N of tested isolates** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** | **283** |
| **MIC** | **N of resistant isolates** | **283** | **13** | **283** | **245** | **129** | **217** | **40** | **27** | **0** | **176** | **251** | **216** | **0** | **207** |
| >32 | | | | | | | | | 12 | | | | | | 205 |
| 64 | | | 7 | | | 18 | | | | | 24 | 1 | 71 | | |
| >64 | | 283 | | | | | | | | | | | 138 | | |
| 128 | | | | | | 15 | | | | | 20 | | | | |
| >128 | | | | | | 60 | | | | | 127 | | | | |
| 1024 | | | | | | | | | | | | 1 | | | |
| >1024 | | | | | | | | | | | | 250 | | | |

## OTHER ANTIMICROBIAL RESISTANCE TABLES

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

| Programme Code | Matrix Detailed | Zoonotic Agent Detailed | Sampling Strategy | Sampling Stage | Sampling Details | Sampling Context | Sampler | Sample Type | Sampling Unit Type | Sample Origin | Comment | Total Units Tested | Total Units Positive |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CARBA MON | Gallus gallus (fowl) - broilers | Escherichia coli, non-pathogenic, unspecified | Objective sampling | Slaughterhouse | N_A | Monitoring | Official sampling | animal sample - caecum | slaughter animal batch | Italy | N_A | 409 | 0 |
| | Meat from broilers (Gallus gallus) - fresh | Escherichia coli, non-pathogenic, unspecified | Objective sampling | Retail | N_A | Monitoring | Official sampling | food sample - meat | single (food/feed) | European Union | N_A | 325 | 0 |
| | Meat from turkey - fresh | Escherichia coli, non-pathogenic, unspecified | Objective sampling | Retail | N_A | Monitoring | Official sampling | food sample - meat | single (food/feed) | European Union | N_A | 293 | 0 |
| | Turkeys - fattening flocks | Escherichia coli, non-pathogenic, unspecified | Objective sampling | Slaughterhouse | N_A | Monitoring | Official sampling | animal sample - caecum | slaughter animal batch | Italy | N_A | 361 | 0 |

European Food Safety Authority

# Latest Transmission set

| Table Name | Last submitted dataset transmission date |
|---|---|
| Antimicrobial Resistance | 21-Dec-2017 |
| Animal Population | 07-Jul-2017 |
| Disease Status | 07-Jul-2017 |
| Food Borne Outbreaks | 07-Jul-2017 |
| Prevalence | 07-Sep-2017 |
| Text Forms | 05-Jul-2017 |