

Salmonella in Animals 2016

Table 1: *Salmonella* in breeding and commercial poultry flocks

Age/Stage	Tested	Positive (%)	Species
Objective Sampling			
Broilers - Before Slaughter (<i>Gallus gallus</i>)	520	22 (4.2%)	<i>Salmonella</i> spp. unspecified (n=4) <i>Salmonella</i> Typhimurium (n=1) <i>Salmonella</i> Derby (n=2) <i>Salmonella</i> Heidelberg (n=1) <i>Salmonella</i> Kentucky (n=6) <i>Salmonella</i> Mikawasima (n=7) <i>Salmonella</i> Plymouth (n=1)
Grandparent breeder flocks (<i>Gallus gallus</i>)	10	0	
Parent breeding flocks (<i>Gallus gallus</i>)	182	4 (2.2%)	<i>Salmonella</i> spp. unspecified (n=4)
Laying hens (<i>Gallus gallus</i>)	350	1 (0.3%)	<i>Salmonella</i> Orion (n=1)
Breeding flocks (Turkeys)	6	3 (50%)	<i>Salmonella</i> Derby (n=2) <i>Salmonella</i> Senftenberg (n=1)
Fattening flocks (turkeys)	210	4 (1.9%)	<i>Salmonella</i> Derby (n=2) <i>Salmonella</i> Senftenberg (n=2)
Total	1,278	34 (2.7%)	<i>Salmonella</i> spp. unspecified (n=8) <i>Salmonella</i> Typhimurium (n=1) <i>Salmonella</i> Derby (n=6) <i>Salmonella</i> Heidelberg (n=1) <i>Salmonella</i> Kentucky (n=6) <i>Salmonella</i> Mikawasima (n=7) <i>Salmonella</i> Plymouth (n=1) <i>Salmonella</i> Orion (n=1) <i>Salmonella</i> Senftenberg (n=3)
Suspect Sampling			
Broilers (<i>Gallus gallus</i>)	44	0	
Breeding flocks (Turkeys)	8	0	
Total	52	0	
Overall total	1,330	34 (2.6%)	<i>Salmonella</i> spp. unspecified (n=8) <i>Salmonella</i> Typhimurium (n=1) <i>Salmonella</i> Derby (n=6) <i>Salmonella</i> Heidelberg (n=1) <i>Salmonella</i> Kentucky (n=6) <i>Salmonella</i> Mikawasima (n=7) <i>Salmonella</i> Plymouth (n=1) <i>Salmonella</i> Orion (n=1) <i>Salmonella</i> Senftenberg (n=3)

Source: Department of Agriculture, Food and the Marine (DAFM)

Table 2: *Salmonella* spp. in other animals

Animal	Tested	Positive	Species
Objective Sampling			
Pigs (fattening)	164	90 (64.9%)	<i>Salmonella Cubana</i> (n=1) <i>Salmonella Derby</i> (n=6) <i>Salmonella Enteritidis</i> (n=1) <i>Salmonella Goldcoast</i> (n=1) <i>Salmonella Infantis</i> (n=2) <i>Salmonella Kimuenza</i> (n=4) <i>Salmonella London</i> (n=9) <i>Salmonella Manhattan</i> (n=1) <i>Salmonella Putten</i> (n=1) <i>Salmonella Rissen</i> (n=1) <i>Salmonella</i> spp. unspecified (n=2) <i>Salmonella Typhimurium</i> (n=18) <i>Salmonella Typhimurium</i> monophasic (n=43)
Total	164	90 (54.9%)	<i>Salmonella Cubana</i> (n=1) <i>Salmonella Derby</i> (n=6) <i>Salmonella Enteritidis</i> (n=1) <i>Salmonella Goldcoast</i> (n=1) <i>Salmonella Infantis</i> (n=2) <i>Salmonella Kimuenza</i> (n=4) <i>Salmonella London</i> (n=9) <i>Salmonella Manhattan</i> (n=1) <i>Salmonella Putten</i> (n=1) <i>Salmonella Rissen</i> (n=1) <i>Salmonella</i> spp. unspecified (n=2) <i>Salmonella Typhimurium</i> (n=18) <i>Salmonella Typhimurium</i> monophasic (n=43)
Suspect Sampling			
Badgers	1	0	
Birds (wild)	5	0	
Birds (Game)	3	0	
Cattle adult (bovine >2 years)	1031	14 (1.4%)	<i>Salmonella Dublin</i> (n=5) <i>Salmonella</i> spp. unspecified (n=9)
Cattle calves (bovine under 1 year)	4016	35 (0.9%)	<i>Salmonella Dublin</i> (n=17) <i>Salmonella</i> spp. unspecified (n=18)
Cattle (bovine animals – other)	2730	114 (4.2%)	<i>Salmonella Dublin</i> (n=41) <i>Salmonella Montevideo</i> (n=3) <i>Salmonella</i> spp. unspecified (n=70)
Deer (farmed)	4	0	
Dogs	104	0	
Ducks	34	0	
Foxes	1	0	
Geese	7	0	
Goats	28	22 (78.6%)	<i>Salmonella Dublin</i> (n=22)
Magpies	2	0	
Owls	2	0	
Parrots	1	0	

Peafowl	1	0	
Pheasants	3	0	
Pigeons	5	0	
Pigs (breeders)	2	0	
Pigs (fattening)	100	14 (14%)	<i>Salmonella</i> spp. unspecified (n=10) <i>Salmonella Typhimurium</i> (n=4)
Rabbits (pets)	4	0	
Sheep	2524	28 (1.1%)	<i>Salmonella Dublin</i> (n=2) <i>Salmonella</i> spp. unspecified (n=22) <i>Salmonella Typhimurium</i> (n=4)
Solipeds	40	0	
Zoo animals (unspecified)	35	0	
Total	10,683	227 (2.1%)	<i>Salmonella Dublin</i> (n=87) <i>Salmonella</i> spp. unspecified (n=129) <i>Salmonella Typhimurium</i> (n=8) <i>Salmonella Montevideo</i> (n=3)

Source: DAFM

Table 3: *Salmonella* spp. in animal feed materials

Type of feed material	Tested	Positive	Species
Objective Sampling			
<i>Feed material of land animal origin</i>			
Dairy products	1	0	
<i>Feed material of vegetable origin</i>			
Cereals	76	0	
Oilseeds or fruits	32	1 (3.1%)	<i>Salmonella Lexington</i> (n=1)
Other feed material	11	0	
<i>Feed material of marine animal origin</i>			
Fish meal	3	0	
<i>Compound feed for:</i>			
Cattle	75	0	
Pig	12	0	
Poultry (non-specified)	18	0	
Horses	7	0	
Sheep	11	0	
Total	246	1 (0.4%)	<i>Salmonella Lexington</i> (n=1)

Source: DAFM