

Salmonella in Animals 2019

Table 1: *Salmonella* in breeding and commercial poultry flocks. Official Control Sampling.

Age/Stage	Tested	Positive (%)	Serotype
Census Sampling¹			
Broilers – Grandparent breeding flocks (<i>Gallus gallus</i>)	6	0	
Laying hens (<i>Gallus gallus</i>)	235	1 (0.4)	S. Schwarzengrund (n=1)
Parent breeding flocks (<i>Gallus gallus</i>)	182	2 (1.1)	S. Typhimurium (n=2)
Turkeys – Parent Breeding Flocks	6	0	
Objective Sampling²			
Broilers – before slaughter (<i>Gallus gallus</i>)	111	0	
Turkeys – fattening flocks – before slaughter	59	2 (3.4)	S. Derby (n=2)
Overall total	599	5 (0.8)	S. Schwarzengrund (n=1) S. Typhimurium (n=2) S. Derby (n=2)

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

¹ When the totality of a population, on which the data are reported, is controlled.

² Strategy based on the selection of a random sample from a population on which the data are reported

Table 2: *Salmonella* in breeding and commercial poultry flocks. Private & Industry Sampling.

Age/Stage	Tested	Positive (%)	Serotype
Census Sampling¹			
Broilers – before slaughter (<i>Gallus gallus</i>)	4,122	8 (0.2)	<i>Salmonella</i> 6,7:e,h:- (n=1) S. Agama (n=1) S. Braenderup (n=4) S. Kentucky (n=1) S. Mbandaka (n=1)
Broilers – Grandparent breeding flocks (<i>Gallus gallus</i>)	6	0	
Laying hens (<i>Gallus gallus</i>)	367	8 (2.2)	S. 3,19:-:- (n=1) S. 61:-:1,5 (n=1) S. Llandoff (n=1) S. Schwarzengrund (n=2) S. Senftenberg (n=3)
Parent breeding flocks (<i>Gallus gallus</i>)	182	3 (1.6)	S. 8,20:-:- (n=1) S. Senftenberg (n=2)
Turkeys – fattening flocks – before slaughter	566	10 (1.8)	S. Derby (n=8) S. Senftenberg (n=2)
Turkeys – Parent Breeding Flocks	6	0	
Objective Sampling²			
Broilers – before slaughter (<i>Gallus gallus</i>)	4,122	0	
Suspect Sampling			
Bustards	2	0	
Ducks	44	0	
Broilers – before slaughter (<i>Gallus gallus</i>)	32	0	
Pheasants	2	0	
Pigeons	1	0	
Turkeys – meat production flocks – before slaughter	4	0	
Overall total	9,456	29 (0.3)	<i>Salmonella</i> 6,7:e,h:- (n=1) S. Agama (n=1) S. Braenderup (n=4) S. Kentucky (n=1) S. Mbandaka (n=1) S. 3,19:-:- (n=1) S. 61:-:1,5 (n=1) S. Llandoff (n=1) S. Schwarzengrund (n=2) S. Senftenberg (n=7) S. 8,20:-:- (n=1) S. Derby (n=8)

Table 3: *Salmonella* spp. in other animals. Private & Industry Sampling.

Animal	Tested	Positive	Serotype
Suspect Sampling			
Cattle – (Bovine adult over 2 years)	289	4 (1.4)	<i>S. Dublin</i> (n=3) <i>S. Typhimurium</i> (n=1)
Cattle – (Bovine calves under 1 year)	1,621	71 (4.4)	<i>S. Dublin</i> (n=71)
Cattle – (Bovine calves under or around 1 year)	1,114	23 (2.1)	<i>S. Dublin</i> (n=20) <i>S. Typhimurium</i> (n=3)
Goats	28	0	
Pigs – fattening	111	7 (6.3)	<i>Salmonella</i> (n=1) <i>S. Derby</i> (n=1) <i>S. Typhimurium</i> (n=5)
Sheep – lambs under 1 year	368	2 (0.5)	<i>S. Typhimurium</i> (n=2)
Sheep	721	14 (1.9)	<i>S. Enteritidis</i> (n=14)
Overall total	4,252	121 (2.8)	<i>S. Dublin</i> (n=94) <i>S. Typhimurium</i> (n=11) <i>Salmonella</i> (n=1) <i>S. Derby</i> (n=1) <i>S. Enteritidis</i> (n=14)

Source: DAFM

Table 4: *Salmonella* spp. in animal feed materials

Type of feed material	Tested	Positive	Serotype
Objective Sampling			
<i>Feed material for land animals</i>			
Cattle	69	0	
Horses	7	0	
Pigs	20	1	<i>S. 3,19:-:-</i> (n=1)
Poultry	42	0	
Sheep	11	0	
Dairy products	5	0	
<i>Feed material of marine animal origin</i>			
Fish meal	7	0	
Fish oil	3	0	
<i>Feed material of cereal grain origin</i>			
Barley	11	0	
Maize	62	0	
Other cereal grain	28	0	
Wheat	29	0	
<i>Feed material of oil seed or fruit origin</i>			
Other oil seeds	13	0	
Palm kernel	6	0	
Rape seed	14	0	
Soya	41	0	
Sunflower seed	21	0	

Legume seeds and similar products	4	0	
Other plants	4	0	
Tubers, roots and similar products	25	0	
Overall total	422	1	<i>S. 3,19:-:- (n=1)</i>

Source: DAFM

References:

Department of Agriculture, Food and the Marine (DAFM)