

POULTRY HEALTH SURVEILLANCE

The tables presented here summarise results of health testing in the poultry industry during 2012. **Table 1** summarises serological test results. **Table 2** summarises *Salmonella* serotypes cultured from feed sources, environmental swabs and poultry samples. This report is based on information received from poultry testing laboratories.

TABLE 1: SEROLOGICAL TEST RESULTS SUMMARY: POULTRY – 2012

DISEASE	VACCINATION STATUS*	NUMBER TESTED	NUMBER POSITIVE
Newcastle disease†		2 722	0
Egg drop syndrome	(V)	1 133	60
Chicken anaemia	V	1 289	1 039
Avian encephalomyelitis	V	3 315	2 744
Infectious bronchitis	V	5 417	4 843
Reo virus	(V)	2 140	1 980
Infectious laryngotracheitis	(V)	1 328	1 014
<i>Mycoplasma gallicepticum</i>		10 630	4 119
<i>Mycoplasma synoviae</i>		7 364	5
<i>Mycoplasma meleagridis</i>		8 464	515
<i>Salmonella</i> Pullorum		2 510	0
Infectious bursal disease		11 474	2 positives resolved by MPI investigation as negative
Avian influenza		479	0

† New Zealand has never experienced an outbreak of Newcastle disease. An asymptomatic enteric strain of avian paramyxovirus type 1 with an intracerebral pathogenicity index (ICPI) of 0.00–0.16, is endemic in this country.

*V All vaccinated (V) some vaccinated

TABLE 2: SEROTYPES OF SALMONELLA ISOLATED DURING THE YEAR 2012

NUMBER OF ISOLATES		
SALMONELLA ISOLATES	FINISHED AND FEED SOURCES	BROILER SAMPLES
Agona	4	21
Anatum	5	
Derby		9
Havana		
Infantis	10	
Mbandaka	6	
Senftenberg		1
Tennessee	7	
Typhimurium RDNC	1	1
Orion	1	
Amsterdam 15+	2	
Banana	1	
Ruiru	1	
sp. untypable	4	
S. derby	1	
Rissen	1	
Given 15+	3	
Frenzo	10	
E leomrane	3	
Livingstone		6
Total positive/total tested	61/2336	38/6763

* Samples include environmental swabs and whole carcass rinse birds

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