

Communicable diseases surveillance

Tables

National Notifiable Diseases Surveillance System

A summary of diseases currently being reported by each jurisdiction is provided in Table 1. There were 60,526 notifications to the National Notifiable Diseases Surveillance System (NNDSS) with a notification received date between 1 October and 31 December 2010 (Table 2). The notification rate of diseases per 100,000 population for each state or territory is presented in Table 3.

The date of diagnosis is the onset date or where the date of onset was not known, the earliest of the specimen collection date, the notification date, or the notification receive date. As considerable time may have elapsed between the onset and diagnosis dates for hepatitis B (unspecified), hepatitis C (unspecified) and tuberculosis, the earliest of specimen date, health professional notification date or public health unit notification receive date was used for these conditions.

Totals comprise data from all states and territories. Cumulative figures are subject to retrospective revision so there may be discrepancies between the number of new notifications and the increment in the cumulative figure from the previous period.

Table 1: Reporting of notifiable diseases by jurisdiction

Disease	Data received from:
Bloodborne diseases	
Hepatitis (NEC)	All jurisdictions
Hepatitis B (newly acquired)	All jurisdictions
Hepatitis B (unspecified)	All jurisdictions
Hepatitis C (newly acquired)	All jurisdictions except Queensland
Hepatitis C (unspecified)	All jurisdictions
Hepatitis D	All jurisdictions
Gastrointestinal diseases	
Botulism	All jurisdictions
Campylobacteriosis	All jurisdictions except New South Wales
Cryptosporidiosis	All jurisdictions
Haemolytic uraemic syndrome	All jurisdictions
Hepatitis A	All jurisdictions
Hepatitis E	All jurisdictions
Listeriosis	All jurisdictions
STEC, VTEC	All jurisdictions
Salmonellosis	All jurisdictions
Shigellosis	All jurisdictions
Typhoid	All jurisdictions
Quarantinable diseases	
Cholera	All jurisdictions
Highly pathogenic avian influenza in humans	All jurisdictions
Plague	All jurisdictions
Rabies	All jurisdictions
Severe acute respiratory syndrome	All jurisdictions
Smallpox	All jurisdictions
Viral haemorrhagic fever	All jurisdictions
Yellow fever	All jurisdictions

Table 1 *continued*: Reporting of notifiable diseases by jurisdiction

Disease	Data received from:
Sexually transmissible infections	
Chlamydial infection	All jurisdictions
Donovanosis	All jurisdictions
Gonococcal infection	All jurisdictions
Syphilis < 2 years duration	All jurisdictions
Syphilis > 2 years or unspecified duration	All jurisdictions except South Australia
Syphilis - congenital	All jurisdictions
Vaccine preventable diseases	
Diphtheria	All jurisdictions
<i>Haemophilus influenzae</i> type b	All jurisdictions
Influenza (laboratory confirmed)	All jurisdictions
Measles	All jurisdictions
Mumps	All jurisdictions
Pertussis	All jurisdictions
Pneumococcal disease (invasive)	All jurisdictions
Poliomyelitis	All jurisdictions
Rubella	All jurisdictions
Rubella - congenital	All jurisdictions
Tetanus	All jurisdictions
Varicella zoster (chickenpox)	All jurisdictions except New South Wales
Varicella zoster (shingles)	All jurisdictions except New South Wales
Varicella zoster (unspecified)	All jurisdictions except New South Wales
Vectorborne diseases	
Arbovirus infection (NEC)	All jurisdictions
Barmah Forest virus infection	All jurisdictions
Dengue virus infection	All jurisdictions
Japanese encephalitis virus infection	All jurisdictions
Kunjin virus infection	All jurisdictions
Malaria	All jurisdictions
Murray Valley encephalitis virus infection	All jurisdictions
Ross River virus infection	All jurisdictions
Zoonoses	
Anthrax	All jurisdictions
Australian bat lyssavirus	All jurisdictions
Brucellosis	All jurisdictions
Leptospirosis	All jurisdictions
Lyssavirus (NEC)	All jurisdictions
Ornithosis	All jurisdictions
Q fever	All jurisdictions
Tularaemia	All jurisdictions
Other bacterial infections	
Legionellosis	All jurisdictions
Leprosy	All jurisdictions
Meningococcal infection	All jurisdictions
Tuberculosis	All jurisdictions

Table 2: Notifications of diseases received by state and territory health authorities, 1 October to 31 December 2010, by date of diagnosis

Disease	State or territory								Total 4th quarter 2010†	Total 3rd quarter 2010	Total 4th quarter 2009	Last 5 years mean 4th quarter	Ratio	Year to date 2010	Last 5 years YTD mean
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA							
Bloodborne diseases															
Hepatitis (NEC)	0	0	0	0	0	0	0	0	0	0	0	0.2	0.0	0	0.4
Hepatitis B (newly acquired)*	0	5	0	8	5	0	16	6	65	63	63	64.6	0.6	251	267.0
Hepatitis B (unspecified)†	22	629	37	238	90	13	462	268	2,045	1,804	1,804	1,626.4	1.1	7,821	6,594.6
Hepatitis C (newly acquired)**	2	6	0	NN	6	5	30	24	72	111	111	97.2	0.8	334	388.2
Hepatitis C (unspecified)†	51	946	73	665	107	59	594	253	3,036	2,638	2,638	2,818.0	1.0	11,851	11,551.4
Hepatitis D	0	0	0	8	0	0	1	0	13	7	7	6.2	1.5	33	34.4
Gastrointestinal diseases															
Botulism	0	0	0	0	0	0	0	0	0	0	0	0.2	0.0	0	1.2
Campylobacteriosis§	157	NN	43	1,249	687	189	2,264	740	4,198	4,210	4,210	4,473.8	1.2	16,991	16,086.4
Cryptosporidiosis	3	76	28	48	11	19	83	39	248	346	346	567.4	0.5	1,480	3,169.8
Haemolytic uraemic syndrome	0	0	0	0	0	0	1	0	3	3	3	7.6	0.1	8	19.4
Hepatitis A	2	19	0	11	0	0	8	11	63	241	241	89.8	0.6	262	322.6
Hepatitis E	0	1	0	2	0	0	2	0	10	1	1	4.0	1.3	37	29.8
Listeriosis	1	7	0	3	0	2	3	1	8	20	20	15.4	1.1	72	64.8
STEC, VTEC	0	1	0	4	6	0	4	3	17	52	52	35.4	0.5	81	104.6
Salmonellosis	82	891	129	679	175	62	559	333	2,064	2,411	2,411	2,254.6	1.3	11,916	8,806.6
Shigellosis	4	35	17	10	15	2	16	29	133	118	118	153.4	0.8	548	665.2
Typhoid	0	5	0	2	2	0	6	1	18	34	34	20.2	0.8	95	88.0
Quarantinable diseases															
Cholera	0	0	0	0	0	0	0	0	3	0	0	1.8	0.0	3	3.6
Highly pathogenic avian influenza in humans	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0
Plague	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0
Rabies	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0
Severe acute respiratory syndrome	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0
Smallpox	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0
Viral haemorrhagic fever	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0
Yellow fever	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0

Table 2 continued: Notifications of diseases received by state and territory health authorities, 1 October to 31 December 2010, by date of diagnosis

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	ACT	NSW	NT	Qld	SA	Tas	Vic							
Sexually transmissible infections														
Chlamydia infection ^{†**}	296	4,454	628	4,611	1,026	447	3,691	3,684	19,486	15,344	12,827.0	1.5	78,302	52,392.6
Donovanosis	0	0	0	0	0	0	0	0	0	1	0	0.0	1	5.0
Gonococcal infection ^{**}	18	534	493	651	122	3	413	475	2,615	1,925	1,894.8	1.4	10,512	8,004.4
Syphilis < 2 years duration ^{**}	2	82	11	40	2	2	60	36	242	285	267.6	0.9	1,060	1,114.8
Syphilis > 2 years or unspecified duration ^{**}	5	32	22	30	NDP	0	139	17	320	333	329.6	0.7	1,192	1,343.2
Syphilis – congenital ^{**}	0	0	0	0	0	0	0	0	1	1	2.2	0.0	3	9.2
Vaccine preventable diseases														
Diphtheria	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0
<i>Haemophilus influenzae</i> type b	0	0	1	2	0	0	3	2	8	1	4.8	1.7	25	20.0
Influenza (laboratory confirmed)	17	500	229	1,377	1,085	27	348	651	7,947	827	790.2	5.4	13,414	17,297.6
Measles	0	0	0	5	1	0	3	1	10	30	4.8	2.1	69	63.4
Mumps	0	9	1	8	0	0	3	8	17	30	89.4	0.3	89	310.2
Pertussis	482	4,935	98	2,810	2,659	93	2,867	624	9,026	7,031	3,964.0	3.7	34,407	13,971.0
Pneumococcal disease (invasive)	5	114	20	66	39	14	84	55	616	336	329.0	1.2	1,653	1,575.4
Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.3
Rubella	0	2	0	0	0	0	1	0	3	3	6.2	0.5	42	37.0
Rubella – congenital	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.6
Tetanus	0	0	0	0	0	0	0	0	1	0	0.8	0.0	2	3.0
Varicella zoster (chickenpox) ^{††}	0	NN	29	101	110	5	124	135	500	421	605.8	0.8	1,588	1,692.0
Varicella zoster (shingles) ^{††}	12	NN	34	14	301	56	144	232	626	632	543.5	1.5	2,868	1,919.3
Varicella zoster (unspecified) ^{††}	20	NN	0	1,019	80	17	549	247	1,932	1,820	1,324.8	1.5	7,182	4,788.5
Vectorborne diseases														
Arbovirus infection (NEC)	0	1	7	7	0	0	5	0	20	4	4.6	4.3	30	27.4
Barmah Forest virus infection	1	70	15	227	24	0	48	17	402	222	351.6	1.1	1,461	1,745.4
Dengue virus infection	2	73	9	99	11	3	47	206	450	313	96.0	4.7	1,171	538.4
Japanese encephalitis virus infection	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.2
Kunjin virus infection ^{††}	0	0	0	0	0	0	0	0	0	0	0.2	0.0	2	1.6
Malaria	0	31	2	47	0	3	8	17	108	105	130.2	0.8	409	642.0
Murray Valley encephalitis virus infection ^{††}	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	1.8
Ross River virus infection	2	141	71	344	192	3	64	179	996	570	839.8	1.2	5,089	4,539.8

Table 2 continued: Notifications of diseases received by state and territory health authorities, 1 October to 31 December 2010, by date of diagnosis

Disease	State or territory							Total 4th quarter 2010†	Total 3rd quarter 2010	Total 4th quarter 2009	Last 5 years mean 4th quarter	Ratio	Year to date 2010	Last 5 years YTD mean
	ACT	NSW	NT	Qld	SA	Tas	Vic							
Zoonoses														
Anthrax	0	0	0	0	0	0	0	0	0	0	0.0	0.0	1	0.4
Australian bat lyssavirus	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0
Brucellosis	0	0	0	5	0	0	0	0	5	7	12.2	0.4	22	41.6
Leptospirosis	0	2	0	20	1	1	6	2	32	30	20.6	1.6	125	128.0
Lyssavirus (NEC)	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0
Ornithosis	0	4	0	0	0	0	21	1	26	8	25.8	1.0	53	117.8
Q fever	0	23	1	38	1	0	2	1	66	71	92.6	0.7	306	379.6
Tularaemia	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0
Other bacterial infections														
Legionellosis	0	20	1	7	11	4	9	28	80	66	82.4	1.0	288	312.0
Leprosy	0	0	0	0	0	0	1	1	2	2	2.0	1.0	9	9.0
Meningococcal infection§§	0	20	1	11	6	2	11	5	56	72	75.2	0.7	229	312.0
Tuberculosis	3	101	11	55	18	2	148	30	368	338	355.8	1.0	1,283	1,195.2
Total	1,189	13,769	2,011	14,521	6,793	1,033	12,848	8,362	60,526	57,076	43,027		214,670	

* Newly acquired hepatitis includes cases where the infection was determined to be acquired within 24 months prior to diagnosis.

† Unspecified hepatitis and syphilis includes cases where the duration of infection could not be determined.

‡ In Queensland, includes incident hepatitis cases.

§ Not reported for New South Wales where it is only notifiable as 'foodborne disease' or 'gastroenteritis in an institution'.

|| Infections with Shiga-like toxin (verotoxin) producing *Escherichia coli* (STEC/VTEC).

¶ Includes *Chlamydia trachomatis* identified from cervical, rectal, urine, urethral, throat and eye samples, except for South Australia, which reports only genital tract specimens. The Northern Territory and Western Australia, exclude ocular infections.

** In the national case definitions for chlamydial, gonococcal and syphilis infections the mode of transmission cannot be inferred from the site of infection. Transmission (especially in children) may be by a non-sexual mode (e.g. perinatal infections, epidemic gonococcal conjunctivitis).

†† Ratio of current quarter total to the mean of last 5 years for the same quarter. Ratios for varicella zoster (chickenpox), varicella zoster (shingles) and varicella zoster (unspecified) are based on 3 years of data.

‡‡ In the Australian Capital Territory, Murray Valley encephalitis virus infection and Kunjin virus infection are combined under Murray Valley encephalitis virus infection.

§§ Only invasive meningococcal disease is nationally notifiable. However, New South Wales, the Australian Capital Territory and South Australia also report conjunctival cases.

NN Not notifiable.

NEC Not elsewhere classified.

NDP No data provided.

Table 3: Notification rates of diseases, 1 October to 31 December 2010, by state or territory. (Annualised rate per 100,000 population)

Disease	State or territory								
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	Aust
Bloodborne diseases									
Hepatitis (NEC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis B (newly acquired)*	0.0	0.3	0.0	0.7	1.2	0.0	1.2	1.1	0.7
Hepatitis B (unspecified)†	25.1	35.4	65.8	21.6	22.2	10.3	34.0	47.9	32.2
Hepatitis C (newly acquired)**	2.3	0.3	0.0	NN	1.5	4.0	2.2	4.3	1.7
Hepatitis C (unspecified)†	58.1	53.3	129.9	60.4	26.4	47.0	43.8	45.2	50.2
Hepatitis D	0.0	0.0	0.0	0.7	0.0	0.0	0.1	0.0	0.2
Gastrointestinal diseases									
Botulism	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Campylobacteriosis§	178.8	NN	76.5	113.4	169.3	150.4	166.8	132.3	144.3
Cryptosporidiosis	3.4	4.3	49.8	4.4	2.7	15.1	6.1	7.0	5.6
Haemolytic uraemic syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Hepatitis A	2.3	1.1	0.0	1.0	0.0	0.0	0.6	2.0	0.9
Hepatitis E	0.0	0.1	0.0	0.2	0.0	0.0	0.1	0.0	0.1
Listeriosis	1.1	0.4	0.0	0.3	0.0	1.6	0.2	0.2	0.3
STEC, VTEC	0.0	0.1	0.0	0.4	1.5	0.0	0.3	0.5	0.3
Salmonellosis	93.4	50.2	229.5	61.6	43.1	49.3	41.2	59.5	53.2
Shigellosis	4.6	2.0	30.2	0.9	3.7	1.6	1.2	5.2	2.3
Typhoid	0.0	0.3	0.0	0.2	0.5	0.0	0.4	0.2	0.3
Quarantinable diseases									
Cholera	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Highly pathogenic avian influenza in humans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plague	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rabies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Severe acute respiratory syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Smallpox	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Viral haemorrhagic fever	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow fever	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sexually transmissible infections									
Chlamydial infection¶:**	337.1	250.9	1,117.2	418.5	252.9	355.7	272.0	658.8	344.4
Donovanosis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gonococcal infection**	20.5	30.1	877.0	59.1	30.1	2.4	30.4	84.9	49.5
Syphilis <2 years duration**	2.3	4.6	19.6	3.6	0.5	1.6	4.4	6.4	4.3
Syphilis >2 years or unspecified duration**	5.7	1.8	39.1	2.7	-	0.0	10.2	3.0	4.8
Syphilis – congenital**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vaccine preventable diseases									
Diphtheria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Haemophilus influenzae</i> type b	0.0	0.0	1.8	0.2	0.0	0.0	0.2	0.4	0.1
Influenza (laboratory confirmed)	19.4	28.2	407.4	125.0	267.5	21.5	25.6	116.4	77.4
Measles	0.0	0.0	0.0	0.5	0.2	0.0	0.2	0.2	0.2
Mumps	0.0	0.5	1.8	0.7	0.0	0.0	0.2	1.4	0.5
Pertussis	549.0	278.0	174.3	255.1	655.4	74.0	211.3	111.6	266.4
Pneumococcal disease (invasive)	5.7	6.4	35.6	6.0	9.6	11.1	6.2	9.8	7.3
Poliomyelitis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rubella	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Rubella - congenital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 3 continued: Notification rates of diseases, 1 October to 31 December 2010, by state or territory. (Annualised rate per 100,000 population)

Disease	State or territory								
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	Aust
Vaccine preventable diseases, continued									
Tetanus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Varicella zoster (chickenpox) ^{††}	0.0	NN	51.6	9.2	27.1	4.0	9.1	24.1	13.6
Varicella zoster (shingles) ^{††}	13.7	NN	60.5	1.3	74.2	44.6	10.6	41.5	21.5
Varicella zoster (unspecified) ^{††}	22.8	NN	0.0	92.5	19.7	13.5	40.5	44.2	52.3
Vectorborne diseases									
Arbovirus infection (NEC)	0.0	0.1	12.5	0.6	0.0	0.0	0.4	0.0	0.4
Barmah Forest virus infection	1.1	3.9	26.7	20.6	5.9	0.0	3.5	3.0	7.4
Dengue virus infection	2.3	4.1	16.0	9.0	2.7	2.4	3.5	36.8	8.2
Japanese encephalitis virus infection	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kunjin virus infection ^{††}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malaria	0.0	1.7	3.6	4.3	0.0	2.4	0.6	3.0	2.0
Murray Valley encephalitis virus infection ^{††}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ross River virus infection	2.3	7.9	126.3	31.2	47.3	2.4	4.7	32.0	18.2
Zoonoses									
Anthrax	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Australian bat lyssavirus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brucellosis	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.1
Leptospirosis	0.0	0.1	0.0	1.8	0.2	0.8	0.4	0.4	0.6
Lyssavirus (NEC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ornithosis	0.0	0.2	0.0	0.0	0.0	0.0	1.5	0.2	0.5
Q fever	0.0	1.3	1.8	3.4	0.2	0.0	0.1	0.2	1.2
Tularaemia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other bacterial infections									
Legionellosis	0.0	1.1	1.8	0.6	2.7	3.2	0.7	5.0	1.5
Leprosy	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
Meningococcal infection ^{§§}	0.0	1.1	1.8	1.0	1.5	1.6	0.8	0.9	1.0
Tuberculosis	3.4	5.7	19.6	5.0	4.4	1.6	10.9	5.4	6.7

* Newly acquired hepatitis includes cases where the infection was determined to be acquired within 24 months prior to diagnosis.

† Unspecified hepatitis and syphilis includes cases where the duration of infection could not be determined.

‡ In Queensland, includes incident hepatitis cases.

§ Not reported for New South Wales where it is only notifiable as 'foodborne disease' or 'gastroenteritis in an institution'.

|| Infections with Shiga-like toxin (verotoxin) producing *Escherichia coli* (STEC/VTEC).

¶ Includes *Chlamydia trachomatis* identified from cervical, rectal, urine, urethral, throat and eye samples, except for South Australia, which reports only genital tract specimens. The Northern Territory and Western Australia, exclude ocular infections.

** In the national case definitions for chlamydial, gonococcal and syphilis infections the mode of transmission cannot be inferred from the site of infection. Transmission (especially in children) may be by a non-sexual mode (e.g. perinatal infections, epidemic gonococcal conjunctivitis).

†† Ratio of current quarter total to the mean of last 5 years for the same quarter. Ratios for varicella zoster (chickenpox), varicella zoster (shingles) and varicella zoster (unspecified) are based on 3 years of data.

‡‡ In the Australian Capital Territory, Murray Valley encephalitis virus infection and Kunjin virus infection are combined under Murray Valley encephalitis virus infection.

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NDP No data provided.

Laboratory Serology and Virology Reporting Scheme

There were 15,999 reports received by the Laboratory Virology and Serology Reporting Scheme (LabVISE) in the reporting period, 1 October to 31 December 2010 (Tables 4 and 5).

Table 4: Laboratory Virology and Serology reports, 1 October to 31 December 2010 and total reports for the year,* by state or territory†

	State or territory								This period 2010	This period 2009	Year to date 2010	Year to date 2009
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA				
Measles, mumps, rubella												
Measles virus	–	–	–	4	1	–	2	1	8	4	39	51
Mumps virus	–	–	–	3	–	–	3	8	14	11	32	50
Rubella virus	–	–	–	2	1	–	–	2	5	8	28	21
Hepatitis viruses												
Hepatitis A virus	–	2	–	12	1	–	–	9	24	28	69	67
Hepatitis D virus	–	–	–	3	4	–	–	3	10	6	23	20
Hepatitis E virus	–	–	–	2	–	–	–	–	2	1	6	6
Arboviruses												
Ross River virus	–	5	12	70	91	–	–	20	198	205	1,290	1,042
Barmah Forest virus	–	1	–	61	9	–	–	4	75	53	263	232
Alphavirus (unspecified)	–	–	3	–	–	–	–	3	6	–	6	–
Dengue type 1	–	–	1	–	–	–	–	60	61	1	93	1
Dengue type 2	–	1	3	–	–	–	2	37	43	4	81	4
Dengue type 3	–	–	1	–	–	–	–	37	38	–	49	–
Dengue type 4	–	–	–	–	–	–	–	11	11	1	19	1
Dengue not typed	–	1	10	–	–	–	2	176	189	17	319	17
Flavivirus (unspecified)	–	26	–	35	1	–	17	1	80	38	263	245
Adenoviruses												
Adenovirus type 40	–	–	–	–	–	–	–	7	7	7	17	7
Adenovirus type 41	–	–	–	–	–	–	–	30	30	5	42	5
Adenovirus not typed/ pending	4	137	19	150	395	2	3	92	802	328	2,182	1,490
Herpesviruses												
Herpes virus type 6	–	1	–	–	–	–	1	1	3	2	7	4
Cytomegalovirus	–	62	–	154	112	4	16	–	348	280	1,476	1,114
Varicella-zoster virus	–	57	2	578	156	2	14	160	969	914	3,786	2,853
Epstein-Barr virus	1	14	36	367	170	5	11	106	710	853	3,043	2,437
Other DNA viruses												
Vaccinia virus	–	1	–	–	–	–	–	–	1	–	1	–
Molluscum contagiosum	–	–	–	–	–	–	1	8	9	6	20	6
Parvovirus	3	2	–	33	11	–	18	10	77	104	364	274
Picornavirus family												
Rhinovirus (all types)	2	131	–	–	1,146	–	–	52	1,331	130	3,217	234
Enterovirus not typed/ pending	–	39	–	1	9	2	–	3	54	63	191	135
Picornavirus not typed	–	–	22	–	–	1	–	165	188	6	405	17
Ortho/paramyxoviruses												
Influenza A virus	5	52	13	159	238	–	44	80	591	255	3,932	6,434
Influenza A virus H1N1	–	–	–	1	–	2	–	8	11	1	18	97
Influenza A virus H3N2	–	–	18	–	–	–	1	53	72	4	110	8
Influenza B virus	3	14	72	38	55	–	3	203	388	26	813	294

Table 4 continued: Laboratory Virology and Serology reports, 1 October to 31 December 2010, and total reports for the year,* by state or territory†

	State or territory								This period 2010	This period 2009	Year to date 2010	Year to date 2009
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA				
Ortho/paramyxoviruses, continued												
Newcastle disease virus	–	2	–	–	–	–	–	–	2	–	21	–
Parainfluenza virus type 1	2	3	–	3	5	–	–	–	13	47	190	70
Parainfluenza virus type 2	1	5	–	4	10	–	–	4	24	7	115	88
Parainfluenza virus type 3	1	120	10	152	301	–	3	116	703	299	1,292	619
Parainfluenza virus typing pending	–	–	–	–	–	3	–	–	3	1	4	3
Respiratory syncytial virus	–	41	4	62	73	5	2	73	260	209	3,359	2,725
Paramyxovirus (unspecified)	–	23	–	–	–	–	–	–	23	–	65	–
Other RNA viruses												
HTLV-1	–	–	–	–	20	–	–	1	21	31	88	173
Rotavirus	3	123	–	–	34	15	–	134	309	57	1,200	242
Calicivirus	–	1	1	–	–	–	–	290	292	570	523	570
Norwalk agent	–	28	–	–	176	–	–	1	205	267	1,129	345
Coronavirus	–	–	–	–	–	1	–	–	1	–	1	–
Other												
<i>Chlamydia trachomatis</i> not typed	4	321	4	1,916	487	21	3	673	3,429	2,695	13,513	9,087
<i>Chlamydia pneumoniae</i>	–	–	1	–	–	–	–	–	1	4	34	13
<i>Chlamydia psittaci</i>	1	1	–	1	–	–	28	2	33	11	58	67
<i>Chlamydia</i> spp typing pending	–	11	–	–	–	–	–	–	11	6	42	22
<i>Mycoplasma pneumoniae</i>	–	6	10	44	191	1	109	220	581	433	1,790	1,256
<i>Coxiella burnetii</i> (Q fever)	1	16	–	16	6	–	12	1	52	74	235	246
<i>Rickettsia</i> – spotted fever group	–	9	–	19	1	–	2	–	31	23	92	122
<i>Rickettsia</i> spp – other	1	3	–	–	–	–	1	2	7	2	11	2
<i>Streptococcus</i> group A	–	8	–	200	–	–	29	–	237	175	877	654
<i>Yersinia enterocolitica</i>	–	–	–	–	–	–	–	1	1	–	1	1
<i>Brucella</i> species	–	–	–	6	–	–	–	–	6	2	21	13
<i>Bordetella pertussis</i>	1	152	1	948	1,463	1	138	150	2,854	1,358	8,631	4,912
<i>Bordetella parapertussis</i>	–	1	–	–	–	–	–	–	1	–	1	–
<i>Legionella pneumophila</i>	–	–	–	–	1	2	7	–	10	11	39	37
<i>Legionella longbeachae</i>	–	–	–	–	2	–	–	14	16	7	33	18
<i>Legionella</i> species	1	4	–	8	–	–	3	–	16	7	49	29
<i>Cryptococcus</i> species	–	–	–	6	2	–	–	–	8	6	47	34
<i>Leptospira</i> species	–	2	–	8	1	–	–	2	13	5	46	38
<i>Treponema pallidum</i>	–	38	4	278	103	–	12	18	453	430	1,951	1,725
<i>Entamoeba histolytica</i>	–	–	–	–	–	–	–	3	3	2	13	8
<i>Toxoplasma gondii</i>	–	–	–	2	11	2	2	5	22	8	59	23
<i>Echinococcus granulosus</i>	–	–	–	–	1	–	1	1	3	3	18	17
Total	34	1,464	247	5,346	5,288	69	490	3,061	15,999	10,111	57,752	40,325

* Data presented are for reports with report dates in the current period.

† State or territory of postcode, if reported, otherwise state or territory of reporting laboratory.

– No data received this period.

Table 5: Laboratory Virology and Serology reports, 1 October to 31 December 2010,* by laboratory

State or territory	Laboratory	October 2010	November 2010	December 2010	Total
Australian Capital Territory	The Canberra Hospital	–	–	–	–
New South Wales	Institute of Clinical Pathology and Medical Research, Westmead	507	135	6	648
	New Children's Hospital, Westmead	115	57	83	255
	Repatriation General Hospital, Concord	–	–	–	–
	Royal Prince Alfred Hospital, Camperdown	15	27	15	57
	South West Area Pathology Service, Liverpool	106	49	23	178
Queensland	Queensland Medical Laboratory, West End	2,030	2,043	1,673	5,746
	Townsville General Hospital	–	–	–	–
South Australia	Institute of Medical and Veterinary Science, Adelaide	143	3,017	2,119	5,279
Tasmania	Northern Tasmanian Pathology Service, Launceston	22	19	17	58
Victoria	Royal Hobart Hospital, Hobart	–	–	–	–
	Australian Rickettsial Reference Laboratory	8	3	31	42
	Monash Medical Centre, Melbourne	–	–	–	–
	Royal Children's Hospital, Melbourne	22	67	101	190
	Victorian Infectious Diseases Reference Laboratory	92	68	77	237
Western Australia	PathWest Virology, Perth	1,235	1,023	886	3,144
	Princess Margaret Hospital, Perth	–	–	–	–
	Western Diagnostic Pathology	21	117	27	165
Total		4,316	6,625	5,058	15,999

* The complete list of laboratories reporting for the 12 months, January to December 2010, will appear in every report regardless of whether reports were received in this reporting period. Reports are not always received from all laboratories.

– No data received this period.