

# 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 56,246 notifications to the National Notifiable Diseases Surveillance System (NNDSS) with a notification received date between 1 April and 30 June 2009 (Table 2). The notification rate of diseases per 100,000 population for each state or territory is presented in Table 3.

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

Disease	Data received from:
<b>Bloodborne diseases</b>	
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
<b>Gastrointestinal diseases</b>	
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
<b>Quarantinable diseases</b>	
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
<b>Sexually transmissible infections</b>	
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

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

Disease	Data received from:
<b>Vaccine preventable diseases</b>	
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
<b>Vectorborne diseases</b>	
Arbovirus infection (NEC) <sup>†</sup>	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
<b>Zoonoses</b>	
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
<b>Other bacterial infections</b>	
Legionellosis	All jurisdictions
Leprosy	All jurisdictions
Meningococcal infection	All jurisdictions
Tuberculosis	All jurisdictions

\* Notifiable in South Australia as of 1 May 2008.

† Flavivirus (NEC) replaced Arbovirus (NEC) from 1 January 2004. Arbovirus (NEC) replaced Flavivirus (NEC) from 2008.

NEC Not elsewhere classified.

Table 2: Notifications of diseases received by state and territory health authorities in the period 1 April to 30 June 2009, by date of diagnosis\*

Disease	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	Total 2nd quarter 2009†	Total 1st quarter 2009	Total 2nd quarter 2008	Last 5 years mean 2nd quarter	Year to date 2009	Last 5 years YTD mean	Ratio†
<b>Bloodborne diseases</b>															
Hepatitis (NEC)	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0.4	0.0
Hepatitis B (newly acquired)	2	8	1	14	4	2	25	0	56	40	66	71.4	96	141.6	0.8
Hepatitis B (unspecified)	17	820	39	251	133	18	464	164	1,906	2,017	1,553	1,551.2	3,923	3,127.6	1.2
Hepatitis C (newly acquired)	3	6	2	NN	5	0	47	0	63	67	90	94.0	130	188.2	0.7
Hepatitis C (unspecified)	28	1,427	45	672	106	72	580	281	3,211	3,221	2,652	2,914.0	6,432	5,998.0	1.1
Hepatitis D	0	2	0	4	0	0	5	0	11	10	15	8.0	21	16.6	1.4
<b>Gastrointestinal diseases</b>															
Botulism	0	0	0	0	0	0	0	0	0	1	0	0.2	1	0.8	0.0
Campylobacteriosis <sup>s</sup>	115	NN	65	1,116	474	137	1,259	632	3,798	4,030	3,420	3,449.0	7,828	7,785.4	1.1
Cryptosporidiosis	26	351	45	325	35	9	285	59	1,135	2,861	482	659.6	3,996	1,695.6	1.7
Haemolytic uraemic syndrome	0	2	0	1	0	0	1	0	4	3	6	3.2	7	8.6	1.3
Hepatitis A	0	24	1	17	39	0	73	12	166	69	87	71.8	235	157.0	2.3
Hepatitis E	0	4	0	1	0	0	3	2	10	16	10	6.8	26	18.2	1.5
Listeriosis	0	7	0	1	0	0	5	6	19	29	14	12.8	48	32.4	1.5
STEC, VTEC <sup>  </sup>	0	4	0	6	11	0	5	1	27	53	19	18.2	80	41.0	1.5
Salmonellosis	44	549	148	645	211	42	336	251	2,226	3,390	1,966	2,021.6	5,616	4,996.8	1.1
Shigellosis	2	49	19	31	10	1	17	39	168	217	184	156.0	385	346.8	1.1
Typhoid	1	8	0	2	1	0	6	1	19	37	26	18.2	56	47.4	1.0
<b>Quarantinable diseases</b>															
Cholera	0	1	0	0	0	0	0	0	1	2	0	0.8	3	1.6	1.3
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: Notifications of diseases received by state and territory health authorities in the period 1 April to 30 June 2009, by date of diagnosis,\*  
continued

Disease	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	Total 2nd quarter 2009†	Total 1st quarter 2009	Total 2nd quarter 2008	Last 5 years mean 2nd quarter	Year to date 2009	Last 5 years YTD mean	Ratio†
<b>Sexually transmissible infections</b>															
Chlamydia infection†	258	3,895	672	4,375	1,078	397	3,698	2,375	16,748	15,613	15,126	11,973.0	32,361	23,920.2	1.4
Donovanosis	0	0	0	1	0	0	0	0	1	0	1	1.6	1	3.6	0.6
Gonococcal infection	14	382	500	434	140	5	361	394	2,230	2,248	2,163	2,131.0	4,478	4,170.8	1.0
Syphilis (all)	4	371	44	92	24	7	226	48	816	799	809	683.6	1,615	1,356.2	1.2
Syphilis < two years duration	1	110	12	31	24	2	102	27	309	320	332	254.2	629	485.6	1.2
Syphilis > two years or unspecified duration	3	261	32	61	NDP	5	124	21	507	479	477	417.8	986	845.8	1.2
Syphilis - congenital	0	1	0	0	0	0	0	0	1	2	2	4.6	3	7.2	0.2
<b>Vaccine preventable diseases</b>															
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	2	0	3	1	0	0	2	8	8	11	4.2	16	8.2	1.9
Influenza (laboratory confirmed)	337	896	541	2,631	1,402	223	3,228	646	9,904	472	711	529.0	10,376	818.8	18.7
Measles	0	2	0	1	2	0	1	3	9	78	26	26.6	87	40.8	0.3
Mumps	0	13	1	11	5	0	9	4	43	56	54	67.2	99	128.2	0.6
Pertussis	59	3,410	64	1,624	1,012	230	833	203	7,435	8,509	2,033	1,965.0	15,944	3,640.0	3.8
Pneumococcal disease (invasive)	6	131	21	70	33	7	94	40	402	205	431	459.0	607	702.2	0.9
Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0.0	0.0
Rubella	0	4	0	2	0	0	0	1	7	8	9	13.0	15	19.4	0.5
Rubella - congenital	0	0	0	0	0	0	0	0	0	0	0	0.4	0	0.6	0.0
Tetanus	0	0	0	0	0	0	0	0	0	3	1	0.8	3	2.0	0.0
Varicella zoster (chickenpox)**	0	NN	26	52	108	9	65	82	342	317	284	249.3	659	518.0	1.4
Varicella zoster (shingles)**	1	NN	29	122	221	29	268	157	827	659	502	209.2	1,486	450.0	4.0
Varicella zoster (unspecified)**	16	NN	1	904	118	17	265	214	1,535	1,747	968	554.2	3,282	1,136.4	2.8
<b>Vectorborne diseases</b>															
Arbovirus infection (NEC)	0	0	0	4	0	0	1	0	5	14	3	6.6	19	22.8	0.8
Barmah Forest virus infection	1	108	33	174	8	0	0	35	359	569	481	493.6	928	1,032.4	0.7
Dengue virus infection	2	26	7	97	5	1	6	48	192	1,013	94	67.8	1,205	195.6	2.8
Japanese encephalitis virus infection	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0.2	0.0
Kunjin virus infection	0	0	0	0	0	0	0	0	0	2	0	0.4	2	1.6	0.0
Malaria	0	29	5	56	11	0	33	17	151	135	127	159.8	286	351.0	0.9
Murray Valley encephalitis virus infection	0	0	0	1	0	0	0	1	2	2	1	0.4	4	1.2	5.0
Ross River virus infection	1	465	104	654	54	13	24	205	1,520	1,642	1,158	1,103.2	3,162	3,241.4	1.4

Table 2: Notifications of diseases received by state and territory health authorities in the period 1 April to 30 June 2009, by date of diagnosis,\*  
continued

Disease	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	Total 2nd quarter 2009†	Total 1st quarter 2009	Total 2nd quarter 2008	Last 5 years mean 2nd quarter	Year to date 2009	Last 5 years YTD mean	Ratio‡
<b>Zoonoses</b>															
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0.4	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	1	0	7	1	0	0	0	9	9	13	7.4	18	18.4	1.2
Leptospirosis	1	8	0	36	0	0	3	0	48	66	31	41.4	114	91.4	1.2
Lyssavirus (NEC)	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0.0	0.0
Ornithosis	0	8	0	0	1	0	4	1	14	16	34	41.6	30	82.2	0.3
Q fever	0	37	0	37	0	0	6	1	81	98	70	99.8	179	203.6	0.8
Tularaemia	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0.0	0.0
<b>Other bacterial infections</b>															
Legionellosis	0	34	2	25	12	0	18	11	102	64	76	81.2	166	163.2	1.3
Leprosy	0	0	0	1	0	0	0	0	1	1	3	2.4	2	5.6	0.4
Meningococcal infection††	2	28	0	9	10	1	6	7	63	47	64	76.0	110	141.8	0.8
Tuberculosis	4	99	2	76	1	3	66	22	273	309	282	259.8	582	525.8	1.1
Total	944	13,213	2,417	14,760	5,276	1,235	12,326	6,075	56,246	51,063	36,391	32,509.7	107,309	67,851.4	1.7

\* Date of diagnosis = true onset date, or where not available, the earliest of (i) specimen date, (ii) notification date, or (iii) notification receive date. Hepatitis B and C unspecified were analysed by the notification receive date.

† 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.

‡ Ratio = ratio of current quarter total to the mean of last 5 years for the same quarter. Note: Ratios for syphilis <2 years; syphilis >2 years or unspecified duration are based on 5 years of data

§ 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 Queensland, which exclude ocular specimens; and Western Australia, which excludes ocular and perinatal infections.

\*\* Ratio = ratio of current quarter total to the mean of last 5 years for the same quarter. Note: Ratios for varicella zoster (chickenpox), varicella zoster (shingles) and varicella zoster (unspecified) are based on 5 years of data

†† 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 April to 30 June 2009, by state or territory. (Annualised rate per 100,000 population)**

Disease*	State or territory								Aust
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	
<b>Bloodborne diseases</b>									
Hepatitis (NEC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis B (newly acquired)	2.3	0.5	1.8	1.3	1.0	1.6	1.9	0.0	1.0
Hepatitis B (unspecified)	19.8	47.1	70.9	23.5	33.2	14.5	35.0	30.3	35.7
Hepatitis C (newly acquired)	3.5	0.3	3.6	NN	1.2	0.0	3.5	0.0	1.2
Hepatitis C (unspecified)	32.5	81.9	81.8	62.8	26.5	57.8	43.8	52.0	60.1
Hepatitis D	0.0	0.1	0.0	0.4	0.0	0.0	0.4	0.0	0.2
<b>Gastrointestinal diseases</b>									
Botulism	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Campylobacteriosis <sup>†</sup>	133.6	NN	118.2	104.3	118.4	110.0	95.1	116.9	71.1
Cryptosporidiosis	30.2	20.2	81.8	30.4	8.7	7.2	21.5	10.9	21.2
Haemolytic uraemic syndrome	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.1
Hepatitis A	0.0	1.4	1.8	1.6	9.7	0.0	5.5	2.2	3.1
Hepatitis E	0.0	0.2	0.0	0.1	0.0	0.0	0.2	0.4	0.2
Listeriosis	0.0	0.4	0.0	0.1	0.0	0.0	0.4	1.1	0.4
STEC, VTEC <sup>‡</sup>	0.0	0.2	0.0	0.6	2.7	0.0	0.4	0.2	0.5
Salmonellosis	51.1	31.5	269.2	60.3	52.7	33.7	25.4	46.4	41.7
Shigellosis	2.3	2.8	34.6	2.9	2.5	0.8	1.3	7.2	3.1
Typhoid	1.2	0.5	0.0	0.2	0.2	0.0	0.5	0.2	0.4
<b>Quarantinable diseases</b>									
Cholera	0.0	0.1	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
<b>Sexually transmissible infections</b>									
Chlamydial infection <sup>§</sup>	299.8	223.6	1,222.1	408.9	269.2	318.8	279.2	439.2	313.5
Donovanosis	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Gonococcal infection	16.3	21.9	909.3	40.6	35.0	4.0	27.3	72.9	41.7
Syphilis (all)	4.6	21.6	80.0	9.2	6.2	5.6	17.1	8.9	15.5
Syphilis <2 years duration	1.2	6.3	21.8	2.9	6.0	1.6	7.7	5.0	5.8
Syphilis >2 years or unspecified duration	3.5	15.0	58.2	5.7	NDP	4.0	9.4	3.9	9.5
Syphilis - congenital	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Vaccine preventable diseases</b>									
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	0.1	0.0	0.3	0.2	0.0	0.0	0.4	0.1
Influenza (laboratory confirmed)	391.6	51.4	983.9	245.9	350.1	179.1	243.7	119.5	185.4
Measles	0.0	0.1	0.0	0.1	0.5	0.0	0.1	0.6	0.2
Mumps	0.0	0.7	1.8	1.0	1.2	0.0	0.7	0.7	0.8
Pertussis	68.6	195.8	116.4	151.8	252.7	184.7	62.9	37.5	139.2
Pneumococcal disease (invasive)	7.0	7.5	38.2	6.5	8.2	5.6	7.1	7.4	7.5

**Table 3: Notification rates of diseases, 1 April to 30 June 2009, by state or territory. (Annualised rate per 100,000 population), continued**

Disease*	State or territory								Aust
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	
<b>Vaccine preventable diseases, continued</b>									
Poliomyelitis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rubella	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.2	0.1
Rubella - congenital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	47.3	4.9	27.0	7.2	4.9	15.2	6.4
Varicella zoster (shingles)	1.2	NN	52.7	11.4	55.2	23.3	20.2	29.0	15.5
Varicella zoster (unspecified)	18.6	NN	1.8	84.5	29.5	13.7	20.0	39.6	28.7
<b>Vectorborne diseases</b>									
Arbovirus infection (NEC)	0.0	0.0	0.0	0.4	0.0	0.0	0.1	0.0	0.1
Barmah Forest virus infection	1.2	6.2	60.0	16.3	2.0	0.0	0.0	6.5	6.7
Dengue virus infection	2.3	1.5	12.7	9.1	1.2	0.8	0.5	8.9	3.6
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	9.1	5.2	2.7	0.0	2.5	3.1	2.8
Murray Valley encephalitis virus infection	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0
Ross River virus infection	1.2	26.7	189.1	61.1	13.5	10.4	1.8	37.9	28.4
<b>Zoonoses</b>									
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	0.1	0.0	0.7	0.2	0.0	0.0	0.0	0.2
Leptospirosis	1.2	0.5	0.0	3.4	0.0	0.0	0.2	0.0	0.9
Lyssavirus (NEC)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ornithosis	0.0	0.5	0.0	0.0	0.2	0.0	0.3	0.2	0.3
Q fever	0.0	2.1	0.0	3.5	0.0	0.0	0.5	0.2	1.5
Tularaemia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Other bacterial infections</b>									
Legionellosis	0.0	2.0	3.6	2.3	3.0	0.0	1.4	2.0	1.9
Leprosy	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Meningococcal infection <sup>  </sup>	2.3	1.6	0.0	0.8	2.5	0.8	0.5	1.3	1.2
Tuberculosis	4.6	5.7	3.6	7.1	0.2	2.4	5.0	4.1	5.1

\* Rates are subject to retrospective revision.

† 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 Queensland, which exclude ocular specimens; and Western Australia, which excludes ocular and perinatal infections.

|| 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.

## Laboratory Serology and Virology Reporting Scheme

There were 12,613 reports received by the Virology and Serology Laboratory Reporting Scheme (LabVISE) in the reporting period, 1 April to 30 June 2009 (Tables 4 and 5).

**Table 4: Virology and serology laboratory reports by state or territory\* for the reporting period 1 April to 30 June 2009, and total reports for the year†**

	State or territory								This period 2009	This period 2008	Year to date 2009	Year to date 2008
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA				
<b>Measles, mumps, rubella</b>												
Measles virus	–	1	–	–	2	–	2	–	5	11	44	24
Mumps virus	–	1	1	2	5	–	8	–	17	15	30	34
Rubella virus	–	2	–	2	1	–	–	–	5	3	9	9
<b>Hepatitis viruses</b>												
Hepatitis A virus	–	–	–	6	14	–	–	–	20	12	28	35
Hepatitis D virus	–	–	–	–	7	–	–	–	7	9	14	18
<b>Arboviruses</b>												
Ross River virus	–	35	8	180	59	2	3	7	294	261	694	1,057
Barmah Forest virus	–	3	–	29	11	–	–	–	43	127	149	377
Flavivirus (unspecified)	–	4	–	17	–	–	1	–	22	12	171	42
<b>Adenoviruses</b>												
Adenovirus not typed/pending	–	73	–	113	256	–	14	–	456	366	862	715
<b>Herpesviruses</b>												
Herpes virus type 6	–	–	–	–	–	–	1	–	1	1	1	1
Cytomegalovirus	–	42	–	90	137	1	6	–	276	254	635	620
Varicella–zoster virus	2	56	–	327	199	4	8	–	631	562	1,383	1,322
Epstein–Barr virus	–	7	14	219	266	4	3	34	547	564	1,159	1,219
<b>Other DNA viruses</b>												
Parvovirus	–	1	–	25	18	2	9	–	55	43	121	123
<b>Picornavirus family</b>												
Echovirus type 4	–	1	–	–	–	–	–	–	1	–	2	1
Echovirus type 30	–	1	–	–	–	–	–	–	1	–	8	–
Rhinovirus (all types)	–	39	–	1	1	–	–	–	41	53	65	91
Enterovirus not typed/pending	–	9	–	7	2	–	1	–	19	23	52	134
Picornavirus not typed	–	–	–	–	–	1	–	–	1	6	5	7
<b>Ortho/paramyxoviruses</b>												
Influenza A virus	28	1,792	–	305	898	1	110	–	3,134	89	3,220	138
Influenza A virus H1N1	–	1	–	–	–	5	–	–	6	–	6	–
Influenza A virus H3N2	–	1	–	–	–	–	–	–	1	–	1	–
Influenza B virus	3	31	–	42	30	–	–	1	107	70	142	92
Influenza virus – typing pending	–	4	–	–	–	–	1	–	5	–	5	–
Parainfluenza virus type 1	–	4	–	3	–	–	1	–	8	86	11	149
Parainfluenza virus type 2	–	22	–	26	2	–	5	–	55	10	69	20
Parainfluenza virus type 3	–	19	–	20	73	–	7	–	119	17	163	24
Parainfluenza virus typing pending	–	1	–	–	–	–	–	–	1	–	1	–
Respiratory syncytial virus	–	710	–	341	546	2	92	2	1,693	739	1,944	944



**Table 4: Virology and serology laboratory reports by state or territory\* for the reporting period 1 April to 30 June 2009, and total reports for the year,† continued**

	State or territory								This period 2009	This period 2008	Year to date 2009	Year to date 2008
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA				
<b>Other RNA viruses</b>												
HTLV-1	–	–	–	–	59	–	–	–	59	14	142	18
Rotavirus	–	14	–	–	69	4	1	–	88	88	151	197
Norwalk agent	1	15	–	–	–	–	–	–	16	11	32	28
<b>Other</b>												
<i>Chlamydia trachomatis</i> not typed	6	314	–	1,155	679	18	10	1	2,183	2,039	4,559	4,396
<i>Chlamydia pneumoniae</i>	–	1	–	1	–	–	2	–	4	1	6	1
<i>Chlamydia psittaci</i>	–	1	–	–	–	–	15	–	16	33	39	55
<i>Chlamydia</i> spp typing pending	–	4	–	–	–	–	–	–	4	–	6	–
<i>Chlamydia</i> species	–	–	–	–	–	–	2	–	2	–	7	2
<i>Mycoplasma pneumoniae</i>	–	10	1	132	68	7	93	9	320	217	573	424
<i>Mycoplasma hominis</i>	–	2	–	–	–	–	–	–	2	2	4	4
<i>Coxiella burnetii</i> (Q fever)	–	1	–	10	15	–	3	–	58	73	115	153
<i>Rickettsia prowazeki</i>	–	–	–	–	1	–	6	–	7	–	8	–
<i>Rickettsia</i> – spotted fever group	–	2	–	21	1	–	3	–	37	63	75	91
<i>Streptococcus</i> group A	–	7	–	129	–	–	1	–	137	178	315	450
<i>Brucella</i> species	–	2	–	3	–	–	–	–	5	9	9	17
<i>Bordetella pertussis</i>	1	397	–	358	810	3	2	–	1,571	246	2,933	444
<i>Legionella pneumophila</i>	–	5	–	2	3	–	4	–	14	4	20	11
<i>Legionella longbeachae</i>	–	2	–	1	2	–	2	–	7	1	10	5
<i>Legionella</i> species	–	4	–	4	–	–	–	–	8	–	13	1
<i>Cryptococcus</i> species	–	5	–	3	4	–	–	–	12	8	21	15
<i>Leptospira</i> species	–	–	–	5	1	–	1	–	7	24	25	54
<i>Treponema pallidum</i>	–	62	–	193	213	1	5	–	474	543	962	1,108
<i>Entamoeba histolytica</i>	–	–	–	–	–	–	1	–	1	1	1	4
<i>Toxoplasma gondii</i>	–	–	–	2	1	–	1	–	4	5	11	6
<i>Echinococcus granulosus</i>	–	–	–	–	5	–	1	–	6	15	14	22
<b>Total</b>	<b>41</b>	<b>3,708</b>	<b>24</b>	<b>3,774</b>	<b>4,458</b>	<b>55</b>	<b>425</b>	<b>54</b>	<b>12,613</b>	<b>6,908</b>	<b>21,045</b>	<b>14,702</b>

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

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

– No data received this period.

**Table 5: Virology and serology reports by laboratories for the reporting period 1 April to 30 June 2009\***

State or territory	Laboratory	April 2009	May 2009	June 2009	Total this period
Australian Capital Territory	The Canberra Hospital	–	–	–	–
New South Wales	Institute of Clinical Pathology and Medical Research, Westmead	300	404	1,593	2,297
	New Children's Hospital, Westmead	127	150	154	431
	Repatriation General Hospital, Concord	–	–	–	–
	Royal Prince Alfred Hospital, Camperdown	42	60	46	148
	South West Area Pathology Service, Liverpool	104	125	315	544
Queensland	Queensland Medical Laboratory, West End	124	1,797	2,204	4,125
	Townsville General Hospital	–	–	–	–
South Australia	Institute of Medical and Veterinary Science, Adelaide	925	1,389	2,140	4,454
Tasmania	Northern Tasmanian Pathology Service, Launceston	12	17	20	49
	Royal Hobart Hospital, Hobart	–	–	–	–
Victoria	Australian Rickettsial Reference Laboratory	25	23	26	74
	Monash Medical Centre, Melbourne	15	79	125	219
	Royal Children's Hospital, Melbourne	–	–	–	–
	Victorian Infectious Diseases Reference Laboratory, Fairfield	59	58	83	200
Western Australia	PathWest Virology, Perth	–	–	–	–
	Princess Margaret Hospital, Perth	–	–	–	–
	Western Diagnostic Pathology	–	72	–	72
Total		1,733	4,174	6,706	12,613

\* The complete list of laboratories reporting for the 12 months, January to December 2009, 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.