

Tables

National Notifiable Diseases Surveillance System

A summary of diseases currently being reported by each jurisdiction is provided in Table 1. There were 41,649 notifications to the National Notifiable Diseases Surveillance System (NNDSS) with a notification date between 1 July and 30 September 2007 (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:	Disease	Data received from:
Bloodborne diseases			
Hepatitis B (incident)	All jurisdictions	Diphtheria	All jurisdictions
Hepatitis B (unspecified)	All jurisdictions	<i>Haemophilus influenzae</i> type b	All jurisdictions
Hepatitis C (incident)	All jurisdictions except Qld	Influenza (laboratory confirmed)*	All jurisdictions
Hepatitis C (unspecified)	All jurisdictions	Measles	All jurisdictions
Hepatitis D	All jurisdictions	Mumps	All jurisdictions
Gastrointestinal diseases			
Botulism	All jurisdictions	Pertussis	All jurisdictions
Campylobacteriosis	All jurisdictions except NSW	Pneumococcal disease (invasive)	All jurisdictions
Cryptosporidiosis	All jurisdictions	Poliomyelitis	All jurisdictions
Haemolytic uraemic syndrome	All jurisdictions	Rubella	All jurisdictions
Hepatitis A	All jurisdictions	Rubella - congenital	All jurisdictions
Hepatitis E	All jurisdictions	Tetanus	All jurisdictions
Listeriosis	All jurisdictions	Varicella infections (chickenpox)	All jurisdictions except NSW
Salmonellosis	All jurisdictions	Varicella infections (unspecified)	All jurisdictions except NSW
Shigellosis	All jurisdictions	Varicella zoster infections	All jurisdictions except NSW
SLTEC, VTEC	All jurisdictions		
Typhoid	All jurisdictions		
Quarantinable diseases			
Cholera	All jurisdictions	Barmah Forest virus infection	All jurisdictions
Plague	All jurisdictions	Flavivirus infection (NEC) [†]	All jurisdictions
Rabies	All jurisdictions	Dengue	All jurisdictions
Smallpox	All jurisdictions	Japanese encephalitis virus	All jurisdictions
Tularemia	All jurisdictions	Kunjin virus	All jurisdictions
Viral haemorrhagic fever	All jurisdictions	Malaria	All jurisdictions
Yellow fever	All jurisdictions	Murray Valley encephalitis virus	All jurisdictions
Sexually transmissible infections			
Chlamydial infection	All jurisdictions	Ross River virus infection	All jurisdictions
Donovanosis	All jurisdictions		
Gonococcal infection	All jurisdictions		
Syphilis (all)	All jurisdictions		
Syphilis <2 years duration	All jurisdictions		
Syphilis >2 years or unspecified duration	All jurisdictions		
Syphilis - congenital	All jurisdictions		
Zoonoses			
Anthrax	All jurisdictions		
Australian bat lyssavirus	All jurisdictions		
Brucellosis	All jurisdictions		
Leptospirosis	All jurisdictions		
Lyssaviruses unspecified	All jurisdictions		
Ornithosis	All jurisdictions		
Q fever	All jurisdictions		
Other bacterial infections			
Legionellosis	All jurisdictions		
Leprosy	All jurisdictions		
Meningococcal infection	All jurisdictions		
Tuberculosis	All jurisdictions		

* Laboratory confirmed influenza is not notifiable in South Australia but reports are forwarded to NNDSS.

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

Table 2. Notifications of diseases received by state and territory health authorities in the period 1 July to 30 September 2007, by date of onset*

Disease	ACT	NSW	NT	State or territory Qld	SA	Tas	Vic	WA	Total 3rd quarter 2007†	Total 2nd quarter 2007	Total 3rd quarter 2006	Last 5 years mean 3rd quarter	Year to date 2007	Last 5 years YTD mean	Ratio‡
Bloodborne diseases															
Hepatitis B (incident)	3	7	1	16	5	0	12	9	53	76	67	83.8	208	245.6	0.6
Hepatitis B (unspecified)	30	1,148	36	216	115	7	478	157	2,187	1,970	1,682	1,518.4	6,153	4,657.2	1.3
Hepatitis C (incident)	2	7	1	NN	8	8	29	20	75	74	94	110.0	242	341.6	0.7
Hepatitis C (unspecified)	57	1,707	59	653	131	63	657	323	3,650	3,471	3,127	3,210.2	10,888	10,010.0	1.1
Hepatitis D	0	3	0	1	0	0	2	4	10	7	10	6.4	26	23.0	1.1
Gastrointestinal diseases															
Botulism	0	0	0	0	0	0	0	0	0	0	0	0.1	1	1.0	1.0
Campylobacteriosis§	69	NN	77	911	825	157	1,262	505	3,806	4,430	3,903	3,325.6	13,168	11,055.4	1.2
Cryptosporidiosis	0	50	14	23	28	12	78	62	267	672	313	625.4	2,098	2,078.0	1.0
Haemolytic uraemic syndrome	0	2	0	0	0	0	0	0	2	3	0	2.4	13	9.4	1.4
Hepatitis A	1	17	1	7	2	0	13	3	44	41	55	86.0	132	273.6	0.5
Hepatitis E	0	2	0	0	0	0	0	0	2	7	6	4.6	15	17.8	0.8
Listeriosis	0	5	0	2	2	0	1	0	10	8	15	16.2	34	46.8	0.7
Salmonellosis (NEC)	21	336	89	303	185	17	312	279	1,542	2,521	1,244	1,879.4	7,585	5,885.8	1.3
Shigellosis	1	21	34	34	25	0	27	27	169	148	103	138.8	460	424.4	1.1
SLTEC, VTEC¶	0	0	0	4	3	0	3	2	12	18	16	16.8	72	46.8	1.5
Typhoid	0	7	2	1	1	2	6	0	19	18	15	12.0	74	50.2	1.5
Quarantineable diseases															
Cholera	0	0	0	0	0	0	0	0	0	1	0	0.8	2	2.6	0.8
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
Smallpox	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0.0	0.0
Tularemia	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 July to 30 September 2007, by date of onset,* continued

Disease	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	Total 3rd quarter 2007†	Total 2nd quarter 2007	Total 3rd quarter 2006	Last 5 years mean 3rd quarter	Year to date 2007	Last 5 years YTD mean	Ratio‡
Zoonoses															
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0.0	1	0.2	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	5	1	1	0	0	8	4	15	6.4	26	25.2	1.0
Leptospirosis	0	1	0	7	0	0	2	0	10	30	20	44.2	87	124.0	0.7
Lyssavirus unspecified	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0.0	0.0
Ornithosis	0	1	0	1	0	0	7	1	10	26	46	52.2	64	154.2	0.4
Q fever	2	43	0	43	7	0	8	1	104	124	119	130.6	344	389.8	0.9
Other bacterial infections															
Legionellosis	0	13	0	9	1	0	9	10	42	90	82	85.2	207	240.6	0.9
Leprosy	0	0	0	0	0	0	0	0	0	4	2	1.6	9	6.2	1.5
Meningococcal infection**	1	43	1	32	12	3	26	8	126	62	111	107.0	234	361.0	0.6
Tuberculosis	7	90	4	36	11	0	109	14	271	232	326	257.4	774	801.2	1.0
Total	886	9,421	1,574	11,886	3,841	991	8,111	4,939	41,649	36,444	35,775	28,316.5	115,929	88,540.4	1.4

* Date of onset = the true onset. If this is not available, the 'date of onset' is equivalent to the earliest of two dates: (i) specimen date of collection, or (ii) the date of notification to the public health unit. Hepatitis B and C unspecified were analysed by the date of notification.

† 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 based on 2 years 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, Northern Territory which excludes 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.

**Table 3. Notification rates of diseases, 1 July to 30 September 2007, by state or territory.
(Annualised rate per 100,000 population), continued**

Disease*	State or territory								Aust
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	
Vaccine preventable diseases, continued									
Rubella	1.2	0.2	0.0	0.4	0.5	0.0	0.2	0.2	0.3
Rubella - congenital	0.0	0.1	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 infections (chickenpox)	NDP	NN	40.5	4.5	78.6	0.8	NN	9.8	NA
Varicella infections (unspecified)	NDP	NN	30.8	8.0	75.3	16.8	NN	14.2	NA
Varicella zoster infections	NDP	NN	3.9	67.5	34.1	4.0	NN	30.5	NA
Vectorborne diseases									
Barmah Forest virus infection	3.6	13.5	61.7	24.0	8.3	0.0	0.7	3.5	11.0
Dengue	2.4	0.9	5.8	4.5	2.0	0.0	0.2	2.3	1.7
Flavivirus infection (NEC)	0.0	0.0	0.0	0.5	0.0	0.0	0.1	0.0	0.1
Japanese encephalitis virus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kunjin virus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malaria	1.2	1.1	17.3	4.9	4.5	1.6	3.0	5.6	3.2
Murray Valley encephalitis virus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ross River virus infection	4.8	16.3	129.1	70.2	25.1	1.6	1.8	23.2	25.2
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	0.3	0.0	0.0	0.0	0.2	0.1
Leptospirosis	0.0	0.1	0.0	2.3	0.3	0.0	0.2	0.4	0.6
Lyssavirus unspecified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ornithosis	0.0	0.6	0.0	0.0	0.0	0.0	1.2	0.0	0.5
Q fever	0.0	2.9	1.9	3.5	5.8	0.0	0.9	0.4	2.4
Other bacterial infections									
Legionellosis	2.4	1.7	3.9	1.4	3.5	0.8	1.2	2.3	1.7
Leprosy	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.2	0.1
Meningococcal infection ^{II}	0.0	1.3	3.9	0.7	1.3	0.8	1.8	0.4	1.2
Tuberculosis	4.8	5.2	13.5	3.1	4.3	1.6	5.2	2.5	4.4

* 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* (SLTEC/VTEC).

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

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Table 4. Virology and serology laboratory reports by state or territory* for the reporting period 1 July to 30 September 2007, and total reports for the year,[†]continued

	State or territory								This period 2007	This period 2006	Year to date 2007	Year to date 2006
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA				
Other pathogens												
<i>Chlamydia trachomatis</i> not typed	4	226	—	1,301	513	10	10	1	2,065	932	6,274	3,404
<i>Chlamydia pneumoniae</i>	—	—	—	—	—	—	1	—	1	1	1	1
<i>Chlamydia psittaci</i>	—	—	—	—	—	—	3	—	3	17	39	43
<i>Chlamydia species</i>	—	—	—	—	—	—	1	—	1	1	2	2
<i>Mycoplasma pneumoniae</i>	—	9	3	221	67	8	58	—	366	294	988	901
<i>Mycoplasma hominis</i>	—	1	—	—	—	—	—	—	1	10	5	20
<i>Coxiella burnetii</i> (Q fever)	1	1	—	26	16	—	7	—	51	23	143	94
<i>Orientia tsutsugamushi</i>	—	—	—	—	1	—	—	—	1	2	7	23
<i>Rickettsia</i> - spotted fever group	—	—	—	—	5	—	—	—	5	19	66	85
<i>Streptococcus</i> group A	—	6	53	230	—	—	39	—	328	65	823	329
<i>Yersinia enterocolitica</i>	—	2	—	2	—	—	—	—	4	1	7	5
<i>Brucella abortus</i>	—	—	—	—	—	—	1	—	1	—	2	—
<i>Brucella</i> species	—	—	—	4	—	—	—	—	4	2	7	5
<i>Bordetella pertussis</i>	—	5	—	145	98	1	13	1	263	552	659	1,223
<i>Legionella pneumophila</i>	—	2	—	—	—	—	5	—	7	6	28	25
<i>Legionella</i> species	—	—	—	—	—	—	1	—	1	—	3	—
<i>Cryptococcus</i> species	—	—	—	7	14	—	—	—	21	3	41	17
<i>Leptospira</i> species	—	1	—	11	2	—	—	—	14	5	52	16
<i>Treponema pallidum</i>	—	29	8	270	183	—	11	—	501	191	1,767	686
<i>Entamoeba histolytica</i>	—	—	—	1	—	—	—	—	1	1	6	1
<i>Toxoplasma gondii</i>	—	1	—	—	3	1	1	—	6	3	21	36
<i>Echinococcus granulosus</i>	—	—	—	—	2	—	—	—	2	—	16	3
Total	16	1,413	85	5,170	2,669	101	734	9	10,198	6,327	24,170	16,466

* 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 July to 30 September 2007*

State or territory	Laboratory	July 2007	August 2007	September 2007	Total this period
Australian Capital Territory	The Canberra Hospital	—	—	—	—
New South Wales	Institute of Clinical Pathology and Medical Research, Westmead	115	137	57	309
	New Children's Hospital, Westmead	212	190	101	503
	Repatriation General Hospital, Concord	—	—	—	—
	Royal Prince Alfred Hospital, Camperdown	28	39	17	84
	South West Area Pathology Service, Liverpool	161	80	—	241
Queensland	Queensland Medical Laboratory, West End	1,604	2,373	1,615	5,592
	Townsville General Hospital	—	—	—	—
South Australia	Institute of Medical and Veterinary Science, Adelaide	841	1,112	709	2,662
Tasmania	Northern Tasmanian Pathology Service, Launceston	23	50	24	97
	Royal Hobart Hospital, Hobart	—	—	—	—
Victoria	Monash Medical Centre, Melbourne	40	39	13	92
	Royal Children's Hospital, Melbourne	21	31	18	70
	Victorian Infectious Diseases Reference Laboratory, Fairfield	85	264	199	548
Western Australia	PathWest Virology, Perth	—	—	—	—
	Princess Margaret Hospital, Perth	—	—	—	—
	Western Diagnostic Pathology	—	—	—	—
Total		3,130	4,315	2,753	10,198

* The complete list of laboratories reporting for the 12 months, January to December 2007, 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.