

Tables

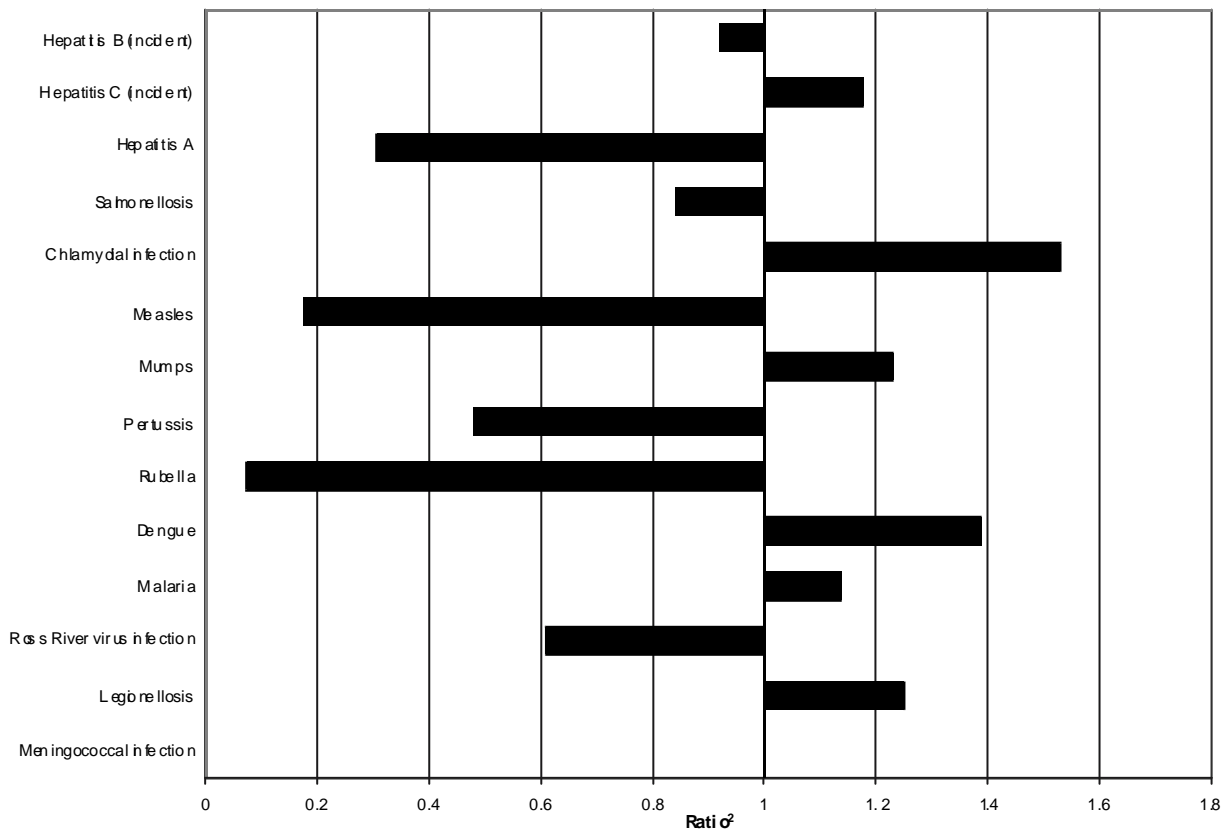
There were 7,136 notifications to the National Notifiable Diseases Surveillance System (NNDSS) with a notification date in March 2000 (Table 1). Data by date of report for weeks 9 to 12 ending 26 March 2000, are included in this issue of *CDI* (Table 2). The number of reports for selected diseases¹ have been compared with a 5 year mean, calculated using February to April data for the previous 5 years* (Figure 9).

There were 1,330 reports received by the *CDI* Virology and Serology Laboratory Reporting Scheme (LabVISE) in the period, 1 to 31 March 2000 (Tables 3 and 4).

The Australian Sentinel Practice Research Network (ASPREN) data for weeks 9 to 12, ending 26 March 2000, are included in this issue of *CDI* (Table 5).

Surveillance data for these three schemes is now presented by calendar month rather than 4-weekly period.

Figure 9. Selected¹ diseases from the National Notifiable Diseases Surveillance System, comparison of provisional totals for the period 1 to 31 March 2000 with historical data²



1. Selected diseases are chosen each calendar month according to current activity
 2. Ratio of current month total to mean of last 5 years as defined above*

Table 1. Notifications of diseases received by State and Territory health authorities in the period 1 March to 31 March 2000, by date of notification*

Disease	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	Total Mar 2000 ¹	Total Feb 2000 ¹	Total Mar 1999 ¹	Last 5 years mean	Year to date 2000	Last 5 years YTD mean	Ratio ^a	
Bloodborne																
Hepatitis B (incident)	0	2	2	3	0	3	8	5	23	22	29	25	74	75	0.9	
Hepatitis B (unspecified) ²	9	176	0	92	0	7	183	61	528	535	699	566	1,655	1,736	0.9	
Hepatitis C (incident)	3	1	0	-	9	0	1	6	20	34	30	17	72	44	1.2	
Hepatitis C (unspecified) ²	18	524	10	325	52	36	563	118	1,643	2,135	1,922	1,307	5,352	3,941	1.3	
Hepatitis D	0	0	0	3	0	0	0	0	3	0	1	2	3	4	1.5	
Gastrointestinal																
Botulism	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ne	
Campylobacteriosis ³	23	-	23	316	134	16	345	145	1,002	1,025	1,200	929	3,172	2,999	1.1	
Haemolytic uraemic syndrome	NN	0	0	0	0	0	2	0	2	1	2	3	4	2	0.7	
Hepatitis A	0	16	0	10	7	1	21	15	70	103	160	229	297	735	0.3	
Hepatitis E	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0.0	
Listeriosis	0	0	2	0	1	1	1	2	7	7	4	6	24	21	1.2	
Salmonellosis	7	96	42	220	77	22	110	96	672	639	1,309	756	2,005	2,502	0.8	
Shigellosis ³	0	-	9	11	3	0	8	10	41	44	72	66	128	211	0.6	
SLTEC ₁ /VTEC ⁴	NN	0	0	NN	4	0	NN	NN	4	5	2	3	13	4	1.3	
Typhoid	0	6	0	0	0	0	0	1	7	6	6	8	21	30	0.9	
Yersiniosis ³	2	-	0	8	1	0	1	0	12	9	20	21	29	85	0.6	
Quarantinable																
Cholera	0	0	0	0	0	0	0	0	0	1	0	-	1	1	0.0	
Plague	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ne	
Rabies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ne	
Viral haemorrhagic fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ne	
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ne	
Sexually transmissible																
Chancroid	0	0	0	0	0	0	0	0	0	0	0	-	0	1	0.0	
Chlamydia infection ⁵	27	181	92	472	69	37	241	160	1,279	1,287	1,294	836	3,725	2,471	1.5	
Donovanosis	0	0	0	1	NN	0	0	0	1	0	1	4	6	14	0.3	
Gonococcal infection ⁶	0	63	105	110	10	4	68	110	479	445	496	404	1,433	1,165	1.2	
Lymphogranuloma venereum	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0.0	
Syphilis ⁷	0	37	20	81	0	0	0	1	139	125	191	147	394	439	0.9	

Disease	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	Total Mar 2000 ¹	Total Feb 2000 ¹	Total Mar 1999 ¹	Last 5 years mean	Year to date 2000	Last 5 years YTD mean	Ratio*	
Vaccine preventable																
Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ns
<i>Haemophilus influenzae</i> type b	0	0	0	1	0	0	0	0	1	0	2	4	4	14	0.3	
Measles	0	3	0	4	0	0	0	2	3	12	75	5 [†]	29	181	0.2	
Mumps	1	7	0	0	0	0	3	5	13	15	12	13	44	40	1.2	
Pertussis	6	69	0	43	9	13	37	1	178	271	277	37 [†]	847	1,403	0.5	
Polio myelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ns	
Rubella [§]	0	2	0	5	0	0	1	0	8	17	29	109	43	400	0.1	
Tetanus	0	1	0	0	0	0	0	0	1	1	1	1	3	2	1.0	
Vectorborne																
Arbovirus infection NEC	0	0	0	0	0	0	10	1	11	8	13	9	22	29	1.2	
Bornah Forest virus infection	0	12	1	38	0	0	2	0	60	61	85	100	173	200	0.6	
Dengue	0	2	9	12	1	0	1	0	25	59	14	18	138	74	1.4	
Malaria	3	10	3	52	3	2	9	1	83	90	64	73	247	246	1.1	
Ross River virus infection	2	67	5	233	68	3	85	139	602	624	1,000	950	1,794	2,862	0.6	
Zoonoses																
Bruceellosis	0	0	0	1	1	0	0	0	2	0	4	3	4	9	0.7	
Hydatid infection	0	NN	0	1	0	0	3	1	5	4	3	3	11	7	1.7	
Leptospirosis	0	4	0	29	0	0	0	0	33	11	55	2 [†]	63	55	1.6	
Ornithosis	0	NN	0	NN	0	0	3	2	5	5	4	7	15	20	0.7	
Q.Fever	0	8	0	46	0	0	1	2	57	44	44	4 [†]	140	124	1.4	
Other																
Legionellosis	2	4	0	2	1	0	15	1	25	29	32	20	79	61	1.3	
Leprosy	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.0	
Meningococcal infection	0	10	0	4	0	0	8	1	23	22	33	23	90	65	1.0	
Tuberculosis	0	17	0	4	5	1	31	8	63	76	90	60	229	262	0.6	
Total	103	1,318	323	2,128	455	146	1,761	302	7,136	8,090	9,671	7,864	23,353	24,445		

1. 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.

2. Unspecified numbers should be interpreted with some caution as the magnitude may be a reflection of the numbers of tests being carried out.

3. Not reported for NSW because it is only notifiable as 'foodborne disease' or 'gastroenteritis in an institution'.

4. Infections with *Shigella*-like toxin (verotoxin) producing *E. Coli* (SLTEC/VTEC).

5. V/A: genital only.

6. NT, Qld, SA, Vic and WA includes gonococcal neonatal ophthalmia.

7. Includes congenital syphilis.

8. Includes congenital rubella

Date of notification = a composite of three components: (i) the true onset date from a clinician, if available, (ii) the date the laboratory test was ordered, or (iii) the date reported to the public health unit.

NN Not Notifiable.
 NEC Not Elsewhere Classified.
 - Elsewhere Classified.
 na Not applicable
 * Ratio = ratio of current month total to mean of last 5 years calculated as described above.

Table 2. Notifications of diseases received by State and Territory health authorities for weeks 9 to 12, by date of report*, March 2000

Week number	9	10	11	12	Year to date total
Week ending on	5 March 2000	12 March 2000	19 March 2000	26 March 2000	
Disease ¹					
Bloodborne					
Hepatitis B (incident)	6	12	7	7	81
Hepatitis B (unspecified) ²	113	156	138	113	1,709
Hepatitis C (incident)	7	6	5	9	80
Hepatitis C (unspecified) ²	424	411	377	380	5,230
Hepatitis D	0	0	0	2	2
Gastrointestinal					
Botulism	0	0	0	0	0
Campylobacteriosis ³	240	228	248	257	0
Haemolytic uraemic syndrome	0	0	1	0	3,051
Hepatitis A	24	26	21	16	3
Hepatitis E	0	0	0	0	306
Listeriosis	0	1	1	1	20
Salmonellosis	157	154	156	163	1,920
Shigellosis ³	16	6	11	8	116
SLTEC,VTEC ⁴	3	2	0	1	15
Typhoid	0	0	1	3	23
Yersiniosis ³	2	4	1	2	25
Quarantinable					
Cholera	0	1	0	0	1
Plague	0	0	0	0	0
Rabies	0	0	0	0	0
Viral haemorrhagic fever	0	0	0	0	0
Yellow Fever	0	0	0	0	0
Sexually transmissible					
Chancroid	0	0	0	0	0
Chlamydial infection ⁵	292	298	289	313	3,562
Donovanosis	2	0	1	1	7
Gonococcal infection ⁶	116	77	123	102	1,338
Lymphogranuloma venereum	0	0	0	0	0
Syphilis ⁷	19	51	35	26	410
Vaccine preventable					
Diphtheria	0	0	0	0	0
<i>Haemophilus influenzae</i> type b	0	0	0	0	4
Measles	1	3	4	3	29
Mumps	6	0	1	4	39
Pertussis	55	63	44	59	1,007
Poliomyelitis	0	0	0	0	0
Rubella ⁸	6	3	1	1	44
Tetanus	0	0	0	1	3
Vectorborne					
Arbovirus infection NEC	4	2	1	2	16
Barmah Forest virus infection	14	16	15	13	166
Dengue	24	12	15	10	143
Malaria	32	13	17	17	227
Ross River virus infection	148	147	145	173	1,703

Table 2. Notifications of diseases received by State and Territory health authorities for weeks 9 to 12, by date of report*, March 2000 (continued)

Week number Week ending on Disease ¹	9 5 March 2000	10 12 March 2000	11 19 March 2000	12 26 March 2000	Year to date total
Zoonoses					
Brucellosis	0	0	1	0	4
Hydatid infection	1	1	1	2	9
Leptospirosis	0	0	9	9	51
Ornithosis	3	1	2	0	20
Q Fever	8	6	16	9	133
Other					
Legionellosis	6	8	6	8	76
Leprosy	0	0	0	0	0
Meningococcal infection	5	5	8	2	93
Tuberculosis	21	20	22	11	251
Total	1,755	1,733	1,723	1,728	21,917

1. 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.

2. Unspecified numbers should be interpreted with some caution as the magnitude may be a reflection of the numbers of tests being carried out.

3. Not reported for NSW because it is only notifiable as 'foodborne disease' or 'gastroenteritis in an institution'.

4. Infections with *Shiga*-like toxin (verotoxin) producing *E Coli* (SLTEC/VTEC).

5. WA: genital only.

6. NT, Qld, SA, Vic and WA: includes gonococcal neonatal ophthalmia.

7. Includes congenital syphilis.

8. Includes congenital rubella

* Date of report is the date the public health unit received the report.

NN Not Notifiable.

NEC Not Elsewhere Classified.

- Elsewhere Classified.

Table 3. Virology and serology laboratory reports by State or Territory¹ for the reporting period 1 to 31 March 2000, and total reports for the year²

	State or Territory ¹								This period 2000	This period 1999	Year to date 2000 ³	Year to date 1999
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA				
Measles, mumps, rubella												
Measles virus	0	0	0	0	0	0	1	2	3	76	12	85
Mumps virus	0	0	0	0	0	0	1	5	6	6	20	15
Rubellavirus	0	0	1	1	0	0	1	1	4	9	13	20
Hepatitis viruses												
Hepatitis A virus	0	0	0	1	3	0	0	4	8	38	49	116
Arboviruses												
Ross River virus	0	3	3	29	42	0	3	78	158	295	520	592
Barmah Forest virus	0	0	1	13	0	0	0	1	15	17	61	44
Dengue type 3	0	0	0	0	0	0	0	2	2	0	3	3
Dengue not typed	0	3	7	0	0	0	0	9	19	7	117	15
Flavivirus (unspecified)	0	0	1	2	0	0	3	0	6	4	29	16
Adenoviruses												
Adenovirus type 1	0	0	0	0	0	0	1	0	1	0	2	1
Adenovirus type 3	0	0	0	0	2	0	1	0	3	2	9	8
Adenovirus type 4	0	0	0	0	1	0	1	0	2	1	4	5
Adenovirus type 40	0	0	0	0	0	0	0	7	7	5	19	14
Adenovirus not typed/pending	0	2	2	0	12	0	12	21	49	87	256	249
Herpes viruses												
Cytomegalovirus	0	6	1	16	19	0	24	4	70	128	307	316
Varicella-zoster virus	3	6	0	9	10	1	38	21	88	118	392	433
Epstein-Barr virus	0	9	0	47	45	1	7	20	129	234	533	673
Other DNA viruses												
Molluscum contagiosum	0	0	0	0	0	0	0	1	1	0	5	3
Parvovirus	0	1	0	0	0	0	6	10	17	24	83	95
Picornavirus family												
Echovirus type 30	0	0	0	0	0	0	14	0	14	3	40	6
Rhinovirus (all types)	0	16	0	0	3	0	0	6	25	39	76	84
Enterovirus not typed/pending	0	0	0	2	0	0	115	13	130	88	249	196
Ortho/paramyxoviruses												
Influenza A virus	4	3	1	2	10	0	2	9	31	44	179	116
Influenza B virus	0	1	0	0	5	0	0	4	10	11	25	28
Parainfluenza virus type 1	0	12	0	0	1	0	2	12	27	4	44	9
Parainfluenza virus type 2	0	0	0	2	1	0	0	1	4	7	6	12
Parainfluenza virus type 3	0	1	0	0	3	0	2	2	8	42	66	129
Respiratory syncytial virus	0	22	0	29	6	0	10	30	97	117	219	212
Other RNA viruses												
Rotavirus	1	10	0	0	6	0	2	5	24	60	121	156

The NNDSS is conducted under the auspices of the Communicable Diseases Network Australia New Zealand. The system coordinates the national surveillance of more than 40 communicable diseases or disease groups endorsed by the National Health and Medical Research Council (NHMRC). Notifications of these diseases are made to State and Territory health authorities under the provisions of their respective public health legislations. De-identified core unit data are supplied fortnightly for collation, analysis and dissemination. For further information, see CDI 2000;24:6.

LabVISE is a sentinel reporting scheme. Currently 17 laboratories contribute data on the laboratory identification of viruses and other organisms. This number may change throughout the year. Data are collated and published in Communicable Diseases Intelligence every four weeks. These data should be interpreted with caution as the number and type of reports received is subject to a number of biases. For further information, see CDI 2000;24:10.

Table 3. Virology and serology laboratory reports by State or Territory¹ for the reporting period 1 to 31 March 2000, and total reports for the year² (continued)

	State or Territory ¹								This period 2000	This period 1999	Year to date 2000 ³	Year to date 1999
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA				
Other												
<i>Chlamydia trachomatis</i> not typed	11	21	28	67	29	5	6	54	221	259	810	754
<i>Chlamydia psittaci</i>	0	0	0	0	0	0	3	2	5	0	21	13
<i>Chlamydia</i> species	0	1	0	0	0	0	0	0	1	4	3	6
<i>Mycoplasma pneumoniae</i>	0	2	0	16	4	0	13	5	40	81	146	284
<i>Coxiella burnetii</i> (Q fever)	1	0	0	0	0	0	1	1	3	16	22	46
<i>Streptococcus</i> group A	0	2	9	18	0	0	0	0	29	0	109	0
<i>Bordetella pertussis</i>	0	0	0	1	2	1	18	1	23	76	157	171
<i>Legionella pneumophila</i>	0	0	0	0	0	0	0	1	1	4	2	12
<i>Legionella longbeachae</i>	0	0	0	0	2	0	0	3	5	3	16	13
<i>Leptospira</i> species	0	0	0	3	0	0	0	0	3	0	8	0
<i>Treponema pallidum</i>	0	0	19	20	0	0	0	0	39	6	128	6
<i>Entamoeba histolytica</i>	0	0	0	1	0	0	0	0	1	0	8	0
<i>Echinococcus granulosus</i>	0	0	0	0	0	0	0	1	1	0	3	0
Total	20	121	73	279	206	8	287	336	1,330	1,915	4,892	4,956

1. State or Territory of postcode, if reported, otherwise State or Territory of reporting laboratory.
 2. From January 2000 data presented are for reports with report dates in the current period. Previously reports included all data received in that period.
 3. Totals comprise data from all laboratories. 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.
- No data received this period.

Table 4. Virology and serology laboratory reports by contributing laboratories for the reporting period 1 to 31 March 2000¹

State or Territory	Laboratory	This period	Total this period ²
Australian Capital Territory	The Canberra Hospital	0	0
New South Wales	Institute of Clinical Pathology & Medical Research, Westmead	27	67
	New Children's Hospital, Westmead	41	86
New South Wales	Repatriation General Hospital, Concord	0	0
	Royal Prince Alfred Hospital, Camperdown	43	59
	South West Area Pathology Service, Liverpool	0	0
Queensland	Queensland Medical Laboratory, West End	324	596
	Townsville General Hospital	26	33
South Australia	Institute of Medical and Veterinary Science, Adelaide	208	473
Tasmania	Northern Tasmanian Pathology Service, Launceston	7	12
	Royal Hobart Hospital, Hobart	0	0
Victoria	Monash Medical Centre, Melbourne	2	4
	Royal Children's Hospital, Melbourne	71	119
	Victorian Infectious Diseases Reference Laboratory, Fairfield	229	348
Western Australia	PathCentre Virology, Perth	329	491
	Princess Margaret Hospital, Perth	35	88
	Western Diagnostic Pathology	9	9
Total		1,351	2,385

1. The complete list of laboratories reporting for the 12 months, January to December 2000, will appear in every report from January 2000 regardless of whether reports were received in this reporting period. Reports are not always received from all laboratories.
2. Total reports include both reports for the current period and outstanding reports to date.

Table 5. Australian Sentinel Practice Research Network reports, weeks 9 to 12, 2000

Week number	9		10		11		12	
Week ending on	5 March 2000		12 March 2000		19 March 2000		26 March 2000	
Doctors reporting	71		66		70		69	
Total encounters	8,855		7,969		8,917		8,325	
Condition	Rate per 1,000		Rate per 1,000		Rate per 1,000		Rate per 1,000	
	Reports	encounters	Reports	encounters	Reports	encounters	Reports	encounters
Influenza	25	2.8	20	2.5	19	2.1	32	3.8
Chickenpox	9	1.0	9	1.1	9	1.0	4	0.5
Gastroenteritis	81	9.1	61	7.7	67	7.5	80	9.6
Gastroenteritis with stool culture	12	1.4	16	2.0	12	1.3	14	1.7
ADT immunisations	68	7.7	51	6.4	61	6.8	57	6.8

ASPREN currently comprises about 120 general practitioners from throughout the country. Between 7,000 and 8,000 consultations are reported each week, with special attention to 14 conditions chosen for sentinel surveillance in 2000. CDI reports the consultation rates for five of these. For further information, including case definitions, see CDI 2000;24:7-8.