

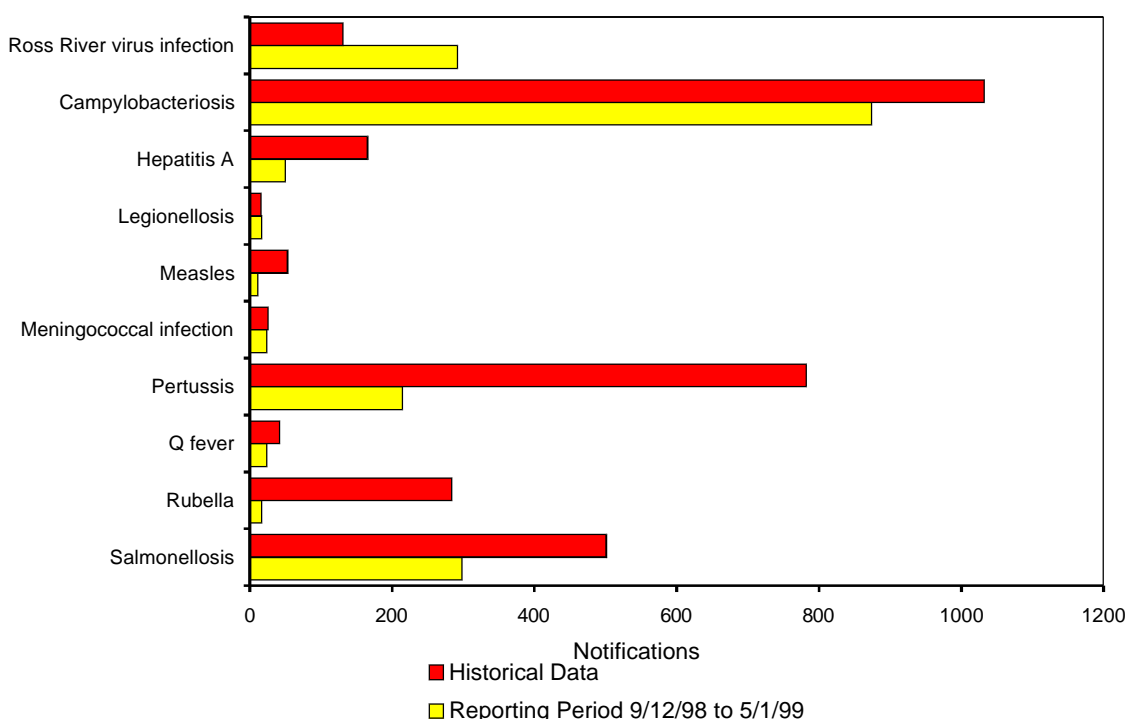
Tables

There were 4,122 notifications to the National Notifiable Diseases Surveillance System (NNDSS) in the four week period, 9 December 1998 to 5 January 1999 (Tables 1 and 2). The numbers of reports for selected diseases have been compared with historical data for corresponding periods in the previous three years (Figure 2).

There were 1,307 reports received by *the* CDI Virology and Serology Laboratory Reporting Scheme (LabVISE) in the four week period, 3 to 30 December 1998 (Tables 3 and 4).

The Australian Sentinel Practice Research Network (ASPREN) data for weeks 44 to 47, ending 29 November 1998, are included in this issue of *CDI* (Table 5).

Figure 2. Selected National Notifiable Diseases Surveillance System reports, and historical data¹



1. The historical data are the averages of the number of notifications in the corresponding 4 week periods of the last 3 years and the 2 week periods immediately preceding and following those.

Table 1. Notifications of diseases preventable by vaccines recommended by the NHMRC for routine childhood immunisation, received by State and Territory health authorities in the period 9 December 1998 to 5 January 1999

Disease ^{1,2}	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	This period	This period	Full year	Full year
									1998/99	1997/99	1998	1997
Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0
<i>H. influenzae</i> type b infection	0	0	0	0	0	0	0	0	0	7	33	53
Measles ³	3	1	0	1	0	1	3	2	11	67	225	852
Mumps	0	1	0	2	0	0	4	4	11	9	176	191
Pertussis	20	58	0	71	20	0	41	5	215	1,237	5,696	10,668
Rubella ⁴	0	3	1	4	0	0	6	3	17	56	765	1,446
Tetanus	0	0	0	0	0	0	0	0	0	1	4	8

NN. Not Notifiable

1. No notification of poliomyelitis has been received since 1986.
2. 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.
3. The total number of measles notifications for 1998 has been revised downwards because of a reclassification of 79 cases previously notified as measles by Victoria. These cases have been reclassified as not measles following results of serology.
4. Includes congenital rubella.

Table 2. Notifications of diseases received by State and Territory health authorities in the period 9 December 1998 to 5 January 1999

Disease ^{1,2,3,4}	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	This period 1998/99	This period 1997/98	Full year 1998 ⁵	Full year 1997
Arbovirus infection (NEC)	0	0	0	5	0	0	10	0	15	3	84	18
Barmah Forest virus infection	0	9	0	14	0	0	1	0	24	29	555	704
Brucellosis	0	0	0	2	0	0	0	0	2	4	45	41
Campylobacteriosis ⁶	27	-	8	221	234	25	265	94	874	875	13,137	11,848
Chlamydial infection (NEC) ⁷	4	NN	14	223	65	9	3	95	500	534	8,797	9,126
Chancroid	0	0	0	0	0	0	0	0	0	0	1	1
Cholera	0	0	0	0	0	0	0	0	0	0	5	3
Dengue	0	2	1	51	1	0	0	1	56	5	558	210
Donovanosis	0	NN	0	0	NN	0	0	0	0	9	36	45
Gonococcal infection ⁸	4	80	31	87	15	0	1	54	272	367	5,274	4,689
Haemolytic uraemic syndrome ⁹	NN	0	NN	0	1	0	NN	0	1	1	11	4
Hepatitis A	0	24	0	12	3	0	4	7	50	174	2,420	3,076
Hepatitis B incident	0	1	0	0	0	0	4	0	5	9	228	247
Hepatitis B unspecified ¹⁰	8	98	0	52	0	0	149	12	319	335	6,716	7,114
Hepatitis C incident ¹¹	1	1	0	-	5	0	1	6	14	9	341	81
Hepatitis C unspecified ^{5,10}	22	305	16	173	66	28	160	65	835	1,246	19,599	19,689
Hepatitis (NEC)	0	0	0	0	0	0	0	NN	0	1	2	6
Hydatid infection	0	0	0	0	0	0	4	0	4	2	46	61
Legionellosis	1	0	0	0	8	0	7	1	17	16	260	161
Leprosy	0	0	0	0	1	0	0	0	1	3	2	14
Leptospirosis	0	3	0	8	0	0	2	0	13	9	190	126
Listeriosis	0	1	0	0	0	0	3	1	5	3	54	71
Malaria	2	9	0	7	1	3	8	2	32	39	688	746
Meningococcal infection	0	6	0	5	3	0	6	4	24	34	421	499
Ornithosis	0	NN	0	0	0	0	6	0	6	3	56	46
Q Fever	0	7	0	12	0	0	4	1	24	35	578	593
Ross River virus infection	0	104	11	77	23	0	46	31	292	107	3,074	6,683
Salmonellosis (NEC)	3	0	26	111	19	9	85	45	298	389	5,895	7,004
Shigellosis ⁶	1	-	4	6	2	0	1	11	25	43	604	799
SLTEC, VTEC ¹²	NN	0	NN	NN	2	0	NN	NN	2	3	16	20
Syphilis ¹³	0	24	4	73	0	0	0	4	105	91	1,570	1,293
TTP ¹⁴	0	0	0	0	0	0	0	0	0	0	1	0
Tuberculosis	2	9	0	4	6	1	12	5	39	79	829	1,008
Typhoid ¹⁵	0	0	0	1	0	0	2	0	3	6	72	77
Yersiniosis (NEC) ⁶	0	-	0	6	4	1	0	0	11	10	208	245

- Diseases preventable by routine childhood immunisation are presented in Table 1.
- For HIV and AIDS, see Tables 7 and 8.
- 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.
- No notifications have been received during 1998 for the following rare diseases: botulism (foodborne), lymphogranuloma venereum, plague, rabies, yellow fever, or other viral haemorrhagic fevers.
- Data from Victoria for 1998 are incomplete.
- Not reported for NSW because it is only notifiable as 'foodborne disease' or 'gastroenteritis in an institution'.
- WA: genital only.
- NT, Qld, SA and Vic: includes gonococcal neonatal ophthalmia.

- Nationally reportable from August 1998.
- Unspecified numbers should be interpreted with some caution as the magnitude may be a reflection of the numbers of tests being carried out.
- Includes hepatitis D and E.
- Infections with *Shiga*-like toxin (verotoxin) producing *E. Coli* (SLTEC/VTEC) became nationally reportable in August 1998.
- Includes congenital syphilis.
- Thrombotic thrombocytopenic purpura became nationally reportable in August 1998.
- NSW, Qld, Vic: includes paratyphoid.
- NN Not Notifiable.
- NEC Not Elsewhere Classified.
- Elsewhere Classified.
- NA Not applicable, as reporting for this condition did not commence until 1998.

Table 3. Virology and serology laboratory reports by State or Territory¹ for the reporting period 3 to 30 December 1998, and total reports for the year

	State or Territory ¹								Total this period	Total reported in CD/ in 1999	
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA			
Measles, mumps, rubella											
Measles virus		1			1		1			3	3
Rubella virus				1	3			1		5	5
Hepatitis viruses											
Hepatitis A virus			3		12			7		22	22
Arboviruses											
Ross River virus		1	6		19	1	1	20		48	48
Barmah Forest virus			2					3		5	5
Flavivirus (unspecified)							1			1	1
Adenoviruses											
Adenovirus type 1		1			5		3			9	9
Adenovirus type 2					1		1			2	2
Adenovirus type 3					3		4			7	7
Adenovirus type 4					1					1	1
Adenovirus type 6					3					3	3
Adenovirus type 40								2		2	2
Adenovirus not typed/pending		44			40	1		17		102	102
Herpes viruses											
Cytomegalovirus		2			22		9	2		35	35
Varicella-zoster virus	2	14			46	2	7	22		93	93
Epstein-Barr virus			6		152	1	10	48		217	217
Other DNA viruses											
Contagious pustular dermatitis (Orf virus)								1		1	1
Parvovirus		2			6		4	6		18	18
Picornavirus family											
Coxsackievirus B4					2					2	2
Coxsackievirus B5							1			1	1
Echovirus type 4		2								2	2
Echovirus type 6		2								2	2
Echovirus type 9	1	8			1					10	10
Echovirus type 11	1	12								13	13
Echovirus type 14		1								1	1
Echovirus type 17		1								1	1
Echovirus type 18		7								7	7
Echovirus type 22		6								6	6
Echovirus type 30		10								10	10
Poliovirus type 1 (uncharacterised)		1			1					2	2
Poliovirus type 2 (uncharacterised)		5			1					6	6
Poliovirus type 3 (uncharacterised)		2								2	2
Rhinovirus (all types)	1	28			7		2	5		43	43
Enterovirus not typed/pending		7	2				3	23		35	35
Ortho/paramyxoviruses											
Influenza A virus		54			39		1	1		95	95
Influenza B virus		1			5					6	6
Parainfluenza virus type 1					4					4	4
Parainfluenza virus type 3	1	12			41		3	5		62	62
Respiratory syncytial virus		4			42	1		10		57	57

Table 3. Virology and serology laboratory reports by State or Territory¹ for the reporting period 3 to 30 December 1998, and total reports for the year (continued)

	State or Territory ¹								Total this period	Total reported in <i>CDI</i> in 1999
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA		
Other RNA viruses										
HTLV-1								1	1	1
Rotavirus		52		1	47	2	1	3	106	106
Norwalk agent							1		1	1
Small virus (like) particle								1	1	1
Other										
<i>Chlamydia trachomatis</i> not typed		12	1		70	2		39	124	124
<i>Chlamydia psittaci</i>							3		3	3
<i>Mycoplasma pneumoniae</i>		3			65		24	4	96	96
<i>Mycoplasma hominis</i>		1							1	1
<i>Coxiella burnetii</i> (Q fever)					1		1	1	3	3
<i>Salmonella</i> species								1	1	1
<i>Bordetella pertussis</i>		4					13	2	19	19
<i>Legionella pneumophila</i>					1				1	1
<i>Legionella longbeachae</i>					7			2	9	9
TOTAL	6	300	20	2	648	10	94	227	1,307	1,307

1. State or Territory of postcode, if reported, otherwise State or Territory of reporting laboratory.

Table 4. Virology and serology laboratory reports by contributing laboratories for the reporting period 3 to 30 December 1998

State or Territory	Laboratory	Reports
New South Wales	Institute of Clinical Pathology & Medical Research, Westmead	230
	New Children's Hospital, Westmead	45
	Royal Prince Alfred Hospital, Camperdown	30
South Australia	Institute of Medical and Veterinary Science, Adelaide	648
Tasmania	Northern Tasmanian Pathology Service, Launceston	6
	Royal Hobart Hospital, Hobart	4
Victoria	Royal Children's Hospital, Melbourne	46
	Victorian Infectious Diseases Reference Laboratory, Fairfield	50
Western Australia	PathCentre Virology, Perth	158
	Western Diagnostic Pathology	90
TOTAL		1,307

Table 5. Australian Sentinel Practice Research Network reports, weeks 44 to 47, 1998

Week number	44		45		46		47	
Week ending on	8 November 1998		15 November 1998		22 November 1998		29 November 1998	
Doctors reporting	53		57		58		53	
Total encounters	6560		7401		6854		6546	
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	17	2.6	9	1.2	16	2.3	14	2.1
Rubella	2	0.3	3	0.4	1	0.1	0	0.0
Measles	0	0.0	0	0.0	0	0.0	0	0.0
Chickenpox	13	2.0	13	1.8	15	2.2	14	2.1
Pertussis	0	0.0	0	0.0	0	0.0	0	0.0
HIV testing (patient initiated)	7	1.1	10	1.4	12	1.8	10	1.5
HIV testing (doctor initiated)	2	0.3	7	0.9	3	0.4	0	0.0
Td (ADT) vaccine	41	6.3	51	6.9	39	5.7	45	6.9
Pertussis vaccination	43	6.6	56	7.6	54	7.9	36	5.5
Reaction to pertussis vaccine	1	0.2	1	0.1	1	0.1	2	0.3
Ross River virus infection	1	0.2	0	0.0	1	0.1	2	0.3
Gastroenteritis	85	13.0	98	13.2	103	15.0	86	13.1

Correction: This table has been reprinted as the columns were misaligned in *CDI* 1998;22:13

No Australian Sentinel Practice Research Network report is available for the current period.

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 1998;22:4-5.

LabVISE is a sentinel reporting scheme. Twenty-one laboratories contribute data on the laboratory identification

of viruses and other organisms. 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 1998;22:8.

ASPREN currently comprises about 100 general practitioners from throughout the country. Up to 9,000 consultations are reported each week, with special attention to 12 conditions chosen for sentinel surveillance in 1998. CDI reports the consultation rates for all of these. For further information, including case definitions, see CDI 1998;22:5-6.