

Figure 2. Laboratory reports of parainfluenza viruses, 1996 to 1998, by type and month of specimen collection

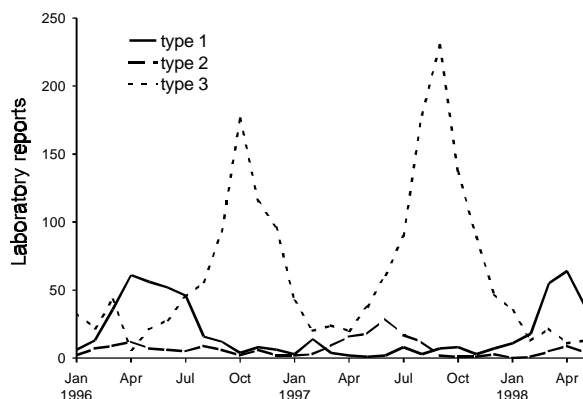
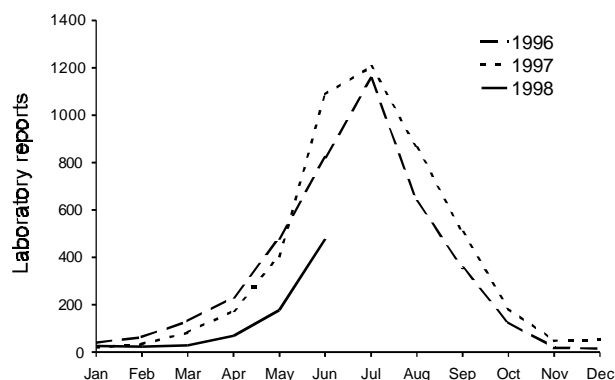


Figure 3. Laboratory reports of respiratory syncytial virus, 1996 to 1998, by month of specimen collection



Tables

There were 3,831 notifications to the National Notifiable Diseases Surveillance System (NNDSS) for this four week period, 24 June to 21 July 1998 (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 4).

There were 2,207 reports received by the *CDI* Virology and Serology Laboratory Reporting Scheme (LabVISE) this four week period, 18 June to 15 July (Tables 3 and 4).

The Australian Sentinel Practice Research Network (ASPREN) data for weeks 25 to 27 ending 12 July 1998 are included in this issue of *CDI* (Table 5).

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 24 June 1998 to 21 July 1998

Disease ^{1,2}	ACT	NSW*	NT	Qld	SA	Tas	Vic	WA	This period 1998*	This period 1997	Year to date 1998*	Year to date 1997
Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0
<i>H. influenzae</i> type b infection	0	1	0	0	0	1	0	0	2	5	20	28
Measles	3	10	0	0	1	6	8	2	30	66	271	309
Mumps	0	2	0	3	0	0	0	1	6	17	90	116
Pertussis	0	58	8	72	39	4	59	12	252	519	4,084	4,067
Rubella ³	5	2	0	20	0	3	6	6	42	72	412	783
Tetanus	0	0	0	0	0	0	0	0	0	0	4	6

NN. Not Notifiable

- No notification of poliomyelitis has been received since 1986.
- 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.

- Includes congenital rubella.

* Data from NSW are incomplete for the period 8 July to 21 July 1998, as three Public Health Units were unable to provide data.

Table 2. Notifications of diseases received by State and Territory health authorities in the period 24 June 1998 to 21 July 1998 (diseases preventable by routine childhood immunisation are presented in Table 1)

Disease ^{1,2,3}	ACT	NSW*	NT	Qld	SA	Tas	Vic	WA	This period 1998*	This period 1997	Year to date 1998 ^{4,*}	Year to date 1997
Arbovirus infection (NEC) ⁵	0	0	0	2	0	0	1	0	3	4	62	103
Barmah Forest virus infection	0	2	0	15	0	0	0	1	18	24	376	489
Brucellosis	0	0	0	3	0	0	1	0	4	1	23	17
Campylobacteriosis ^{4,6}	21	-	13	354	143	25	41	82	679	773	4,616	6,333
Chancroid	0	0	0	0	0	0	0	0	0	0	1	1
Chlamydial infection (NEC) ⁷	13	NN	70	307	70	20	8	130	618	646	5,818	5,203
Cholera	0	0	0	0	0	0	0	0	0	1	3	2
Dengue	1	2	0	53	0	0	0	0	56	2	346	192
Donovanosis	0	NN	1	0	NN	0	0	0	1	1	21	17
Gonococcal infection ⁸	1	40	96	103	15	2	38	52	347	353	2,970	2,588
Hepatitis A	2	47	1	116	9	3	7	15	200	187	1,801	1,953
Hepatitis B incident ⁴	0	4	0	3	1	1	9	0	18	15	112	140
Hepatitis C incident ⁹	1	0	0	-	0	0	-	-	1	8	65	45
Hepatitis C unspecified ⁴	23	NN	19	207	NN	17	37	76	379	653	3,094	5,300
Hepatitis (NEC)	0	0	0	0	0	0	0	NN	0	0	4	13
Hydatid infection	0	0	0	1	0	0	3	0	4	5	22	24
Legionellosis	0	4	2	4	9	0	4	2	25	8	153	98
Leprosy	0	0	0	0	0	0	0	0	0	0	2	7
Leptospirosis	0	3	0	10	0	0	1	0	14	9	96	75
Listeriosis	0	1	0	0	0	0	2	0	3	3	34	48
Malaria	2	5	2	71	0	1	4	1	86	76	477	484
Meningococcal infection	1	16	0	12	3	1	1	5	39	57	184	222
Ornithosis	0	NN	0	0	0	0	0	0	0	1	20	35
Q Fever	0	8	0	21	3	0	1	2	35	51	301	348
Ross River virus infection	0	4	2	50	1	1	1	4	63	207	2,311	6,175
Salmonellosis (NEC)	6	28	26	363	41	8	30	25	527	293	4,886	4,518
Shigellosis ⁶	0	-	9	8	5	0	5	3	30	41	373	502
Syphilis ¹⁰	1	26	18	62	1	1	0	1	110	89	742	721
Tuberculosis	2	9	5	6	4	1	18	2	47	73	524	576
Typhoid ¹¹	0	0	0	1	0	0	0	1	2	2	48	49
Yersiniosis (NEC) ⁶	0	-	0	5	0	0	1	0	6	11	151	159

1. For HIV and AIDS, see Tables 6 and 7.

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. No notifications have been received during 1998 for the following rare diseases: lymphogranuloma venereum, plague, rabies, yellow fever, or other viral haemorrhagic fevers.

4. Data from Victoria for 1998 are incomplete.

5. NT: includes Barmah Forest virus.

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

7. WA: genital only

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

9. Qld, Vic and WA incident cases of Hepatitis C are not separately reported.

10. Includes congenital syphilis

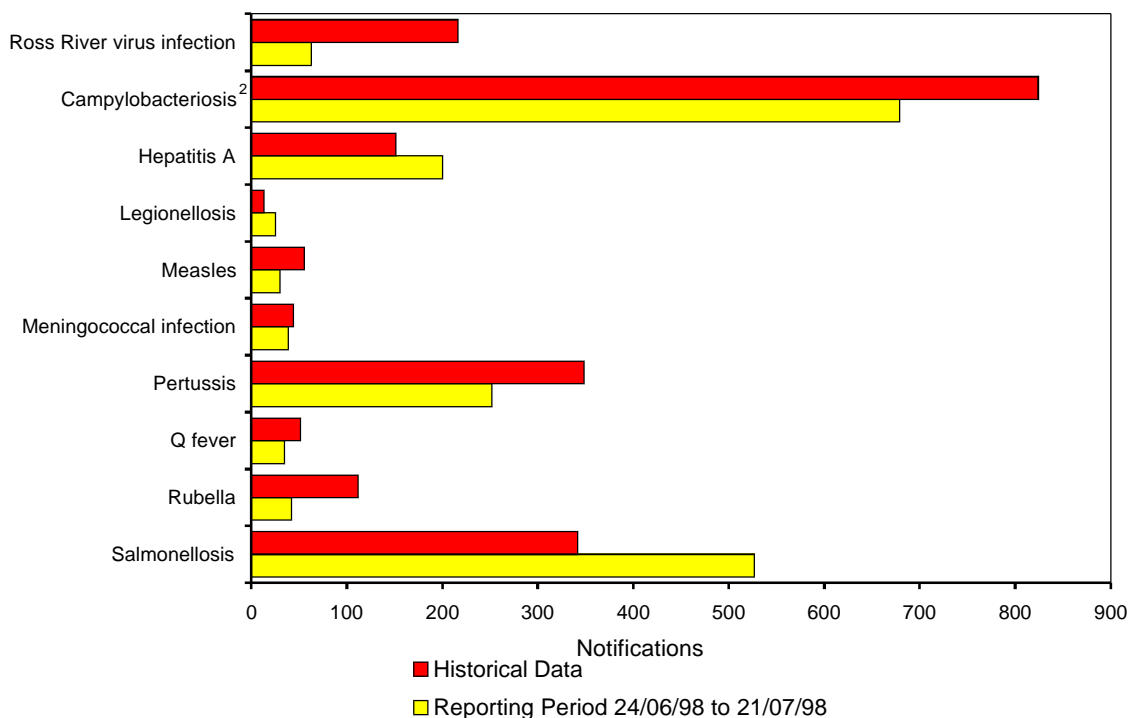
11. NSW, Qld, Vic: includes paratyphoid.

NN Not Notifiable.

NEC Not Elsewhere Classified

- Elsewhere Classified.

* Data from NSW are incomplete for the period 8 July to 21 July 1998, as three Public Health Units were unable to provide data.

Figure 4. 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.

2. Data from Victoria for 1998 are incomplete.

* Data from NSW are incomplete for the period 8 July to 21 July 1998, as three Public Health Units were unable to provide data.

Table 3. Virology and serology laboratory reports by State or Territory¹ for the reporting period 18 June 1998 to 15 July 1998, and total reports for the year

	State or Territory ¹								Total this period	Total reported in CDI in 1998
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA		
Measles, Mumps, Rubella										
Measles virus		1			1		1		3	39
Mumps virus		1			1			3	5	22
Rubella virus		1							1	63
Hepatitis Viruses										
Hepatitis A virus		6			3		2	9	20	252
Arboviruses										
Ross River virus					3			5	8	529
Barmah Forest virus							1		1	22
Dengue not typed			2					1	3	23
Kunjin virus			1						1	5
Flavivirus (unspecified)							2		2	44
Adenoviruses										
Adenovirus type 1					1		1		2	15
Adenovirus type 2							4		4	15
Adenovirus type 3							1		1	21
Adenovirus type 7					1				1	14
Adenovirus type 11					1				1	1
Adenovirus not typed/pending	1	22	1	1	29		1	10	65	420

Table 3. Virology and serology laboratory reports by State or Territory¹ for the reporting period 18 June 1998 to 15 July 1998, and total reports for the year, continued

	State or Territory ¹								Total this period	Total reported in CDI in 1998
	ACT	NSW	NT	Qld	SA	Tas	Vic	WA		
Herpes Viruses										
Cytomegalovirus		14			11		13	7	45	429
Varicella-zoster virus		13			15		29	24	81	715
Epstein-Barr virus		34		1	37		8	20	100	990
Other DNA Viruses										
Contagious pustular dermatitis (Orf virus)								1	1	7
Parvovirus			1		6		18	2	27	114
Picornavirus Family										
Coxsackievirus A9							2		2	5
Coxsackievirus B2							1		1	3
Coxsackievirus B3							1		1	7
Coxsackievirus B5							1		1	2
Echovirus type 5							1		1	1
Poliovirus type 2 (uncharacterised)		2							2	4
Rhinovirus (all types)		27			4		2	22	55	273
Enterovirus not typed/pending		6	1			1	1	32	41	280
Ortho/paramyxoviruses										
Influenza A virus		178	1		246		44	98	567	1,075
Influenza A virus H3N2							2		2	2
Influenza B virus					19		1		20	109
Influenza virus - typing pending							1		1	1
Parainfluenza virus type 1		10			22		2	3	37	232
Parainfluenza virus type 2		1			1		1		3	26
Parainfluenza virus type 3		2			3			6	11	206
Respiratory syncytial virus		495			71	4	19	99	688	1,201
Other RNA Viruses										
HTLV-1								1	1	12
Rotavirus		29			22	11		50	112	344
Calici virus		1							1	1
Other										
<i>Chlamydia trachomatis</i> not typed		7	3		44	2		115	171	2,286
<i>Chlamydia psittaci</i>							6	3	9	32
<i>Chlamydia</i> species		3							3	35
<i>Mycoplasma pneumoniae</i>		17			18		27	3	65	789
<i>Mycoplasma hominis</i>		1							1	1
<i>Coxiella burnetii</i> (Q fever)		3			3		6	1	13	72
<i>Rickettsia</i> spp - other								2	2	8
<i>Bordetella pertussis</i>						1	9	13	23	710
TOTAL	1	875	10	2	562	19	208	530	2,207	11,464

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 18 June 1998 to 15 July 1998

State or Territory	Laboratory	Reports
New South Wales	Institute of Clinical Pathology & Medical Research, Westmead	247
	New Children's Hospital, Westmead	379
	Repatriation General Hospital, Concord	1
	South West Area Pathology Service, Liverpool	251
South Australia	Institute of Medical and Veterinary Science, Adelaide	562
Tasmania	Northern Tasmanian Pathology Service, Launceston	17
Victoria	Royal Children's Hospital, Melbourne	30
	Victorian Infectious Diseases Reference Laboratory, Fairfield	180
Western Australia	PathCentre Virology, Perth	498
	Princess Margaret Hospital, Perth	42
TOTAL		2,207

Table 5. Australian Sentinel Practice Research Network reports, weeks 25 to 27, 1998

Week number	25		26		27	
Week ending on	28 June 1998		5 July 1998		12 July 1998	
Doctors reporting	50		54		55	
Total encounters	6,934		7,137		7,155	
Condition	Reports	Rate per 1,000 encounters	Reports	Rate per 1,000 encounters	Reports	Rate per 1,000 encounters
Influenza	128	18.5	164	23.0	127	17.7
Rubella	1	0.1	0	0.0	0	0.0
Measles	1	0.1	0	0.0	0	0.0
Chickenpox	16	2.3	9	1.3	10	1.4
Pertussis	2	0.3	2	0.3	0	0.0
HIV testing (patient initiated)	10	1.4	13	1.8	8	1.1
HIV testing (doctor initiated)	6	0.9	1	0.1	8	1.1
Td (ADT) vaccine	23	3.3	27	3.8	31	4.3
Pertussis vaccination	19	2.7	44	6.2	41	5.7
Reaction to pertussis vaccine	0	0.0	2	0.3	1	0.1
Ross River virus infection	0	0.0	0	0.0	0	0.0
Gastroenteritis	74	10.7	70	9.8	65	9.1

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. CDI reports the consultation rates for all of these. For further information, including case definitions, see CDI 1998;22:5-6.