

## YEAR IN REVIEW: COMMUNICABLE DISEASE SURVEILLANCE, 1999

In this edition, we review the trends in reports of notifiable diseases received by the NSW Department of Health for 1999. Readers interested in the details of specific diseases should review Tables 1 to 4 for notifications of disease reports by year, month, area of residence, age group and sex.

A remarkable achievement in 1999, first reported in the Bulletin (Volume 10 Number 11), was the interruption—probably for the first time since colonial days—of measles transmission in NSW.<sup>1</sup>

Among the 25,093 persons with notifiable diseases reported by doctors, hospital staff and laboratories for 1999, other highlights included:

- **condition most frequently reported:** hepatitis C (7,737 cases);
- **condition with the most sustained increase in reporting over the previous years:** gonorrhoea (1,290 cases, steadily increased from 357 in 1994), linked to an ongoing outbreak among inner-Sydney men who have sex with men;
- **conditions with the most important declines in reporting over previous years:**
  - measles (32 cases, only 13 of which were lab-confirmed, down from 2,348 in 1993) and rubella (down to 46 laboratory-confirmed cases), thanks largely to the massive Measles Control Program in 1998 that provided vaccination against measles, mumps and rubella to Australian primary school children;
  - AIDS (90 cases, down from 534 in 1994), thanks largely to effective new therapies.
- **the conditions least frequently reported:**
  - diphtheria, lymphogranuloma venereum (LGV), donovanosis, plague, polio, rabies, typhus, viral haemorrhagic fevers and yellow fever (0 cases);
  - one case of rabies was reported in an Australian living in—and bitten by a dog in—China (the tables only include persons living in NSW).<sup>2</sup>

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- **conditions that caused the most concern:**

- HIV infection (360 cases, with only a modest decline in recent years). The threat of drug resistance and some evidence of increasing rates of unsafe sex among men who have sex with men suggest that new HIV infections will continue to occur in at least similar numbers;
- hepatitis C (7,737 cases, of whom 80 were reported to be new infections). Identification of new infections is substantially under reported. High risk sharing of injecting equipment is still too common among injecting drug users;
- tuberculosis, with an increase in cases (483, up from 385 in 1998).

Some of the special programs aimed at further preventing illness and implemented in 1999 included:

- the Gonorrhoea Control Campaign that aimed to increase awareness, testing and safe sex among inner city men who have sex with men;
- a new childhood vaccine distribution system that provides vaccines from the new NSW Vaccine Centre to approximately 3,000 clinics in NSW each month;<sup>2</sup>

- a revised Infection Control Policy for health care facilities;<sup>3</sup>
- the installation of an improved Notifiable Diseases Database in public health units, and the development of related data performance indicators.

Once again we recognise that comprehensive public health surveillance depends on the notifications we receive from general and specialist medical practices, laboratories, hospitals, schools or childcare centres to public health units. So thanks again, your participation is the foundation on which disease prevention and control systems are built!

#### REFERENCES

1. NSW Department of Health. Infectious Diseases, NSW, November 1999. *NSW Public Health Bulletin* 1999; 10(11): 154.
2. NSW Department of Health. Infectious Diseases, NSW, July 1999. *NSW Public Health Bulletin* 1999; 10(7): 89.
3. NSW Department of Health. Infectious Diseases, NSW, December 1999. *NSW Public Health Bulletin* 1999; 10(12): 174. ☒

## LETTER TO THE EDITOR

24 March 2000

### DEAR EDITOR,

Re: *FactSheet* on chickenpox in the March 2000 issue of the *NSW Public Health Bulletin*.

How can I prevent chickenpox? A live attenuated chickenpox vaccine is being launched on 4 April 2000 in Australia, which merits mention in the *Bulletin*. Could this matter be mentioned in the next issue (No. 4) of the *Bulletin* so that the *FactSheet* is brought up to date?

Best wishes.

**Professor C.R. Boughton**  
Vaucluse, NSW

### DEAR PROFESSOR BOUGHTON,

Thank you for your letter, which highlights the launch of a vaccine for chickenpox. In the Communicable Diseases Report of this issue of the *Bulletin* (see page 174) we note the licensing of this vaccine and refer readers to the Australian Immunisation Handbook for further information.

The *FactSheet* on chickenpox has been updated and is available through the Department of Health's Web site, and from the Better Health Centre.

Sincerely yours,

**Dr Lynne Madden**  
Editor

TABLE 1

## DISEASE NOTIFICATIONS IN NSW, 1995–1999

Condition	Year of Onset								
	1991	1992	1993	1994	1995	1996	1997	1998	1999
AIDS	439	429	468	534	463	350	199	165	90
Adverse event after immunisation	10	31	24	40	28	55	70	93	12
Arboviral infections (total)*	412	342	655	382	534	1226	1804	780	1216
Barmah Forest virus infections*	6	6	25	40	271	172	186	133	246
Ross River virus infections*	299	324	597	330	236	1030	1597	584	954
NOS*	107	12	33	12	27	24	21	63	16
Botulism	not notifiable until December 1996								
Blood lead level $\geq$ 5ug/dl*	not notifiable until December 1996								
Brucellosis*	2	2	4	4	2	1	3	3	2
Chancroid	not notifiable until August 1998								
Chlamydia trachomatis infections*	not notifiable until August 1998								
Cholera*	1	0	1	0	1	3	1	1	2
Cryptosporidiosis*	not notifiable until December 1996								
Food-borne illness (NOS)	2748	253	106	213	270	211	255	201	151
Gastroenteritis (in an institution)	153	405	426	296	1359	554	939	737	635
Giardiasis*	not notifiable until August 1998								
Gonorrhoea*	387	494	382	357	427	522	636	1051	1290
Invasive H. Influenzae type b infections (total)*	211	219	124	61	29	14	17	11	13
Epiglottitis*	15	57	32	21	6	2	5	1	2
Meningitis*	47	104	53	17	11	4	3	3	3
Septicaemia*	11	26	24	12	8	3	1	4	6
NOS*	138	32	15	11	4	5	8	3	2
Haemolytic uraemic syndrome	not notifiable until December 1996								
Hepatitis A*	1125	903	580	586	615	958	1429	927	409
Hepatitis B: acute viral*	414	115	96	75	63	43	52	55	64
Hepatitis B: other*	1095	3169	3646	4088	4114	3602	3242	3043	3604
Hepatitis C: acute viral*	22	28	23	22	33	19	19	102	80
Hepatitis C: other*	831	3972	6015	8014	7001	7130	7087	7307	7657
Hepatitis D*	0	8	12	19	19	9	11	3	13
Hepatitis E*	0	0	1	2	0	3	6	4	7
Hepatitis: acute viral (NOS)	56	16	5	1	2	3	1	2	0
HIV infection*	788	636	519	432	438	412	398	370	360
Legionnaires disease (total)*	37	104	66	60	75	74	33	46	41
L. longbeachae*	0	14	13	8	16	30	9	19	12
L. pneumophila*	16	80	34	30	35	34	18	22	22
NOS*	21	10	19	22	24	10	6	5	7
Leprosy	1	7	5	3	3	2	0	1	1
Leptospirosis*	29	21	16	14	6	33	33	50	55
Listeriosis*	11	13	12	10	14	22	23	28	22
Malaria*	202	164	164	184	96	203	173	161	198
Measles (total)	494	808	2348	1484	596	191	273	119	32
Laboratory confirmed cases*	20	76	460	302	138	35	98	19	13
Other	474	732	1888	1182	458	156	175	100	19
Meningococcal disease (total)	130	122	153	142	113	161	219	184	218
Meningitis	53	94	98	80	72	98	108	52	113
Septicaemia	17	18	43	41	26	40	65	76	70
NOS	60	10	12	21	15	23	46	56	35
Meningococcal disease—conjunctivitis	not notifiable until September 1998								
Mumps*	8	23	13	11	14	27	29	39	33
Mycobacterial infection: other than TB*	304	400	451	520	470	411	359	313	366
Pertussis*	49	217	1533	1408	1370	1157	4251	2312	1414
Q Fever*	166	213	404	267	202	287	258	236	160
Rubella (total)*	61	326	1186	233	2376	635	153	78	46
Rubella*	60	326	1184	229	2375	630	153	78	45
Rubella (Congenital)*	1	0	2	4	1	5	0	0	1
Salmonella infections (total)*	1174	805	980	1101	1366	1224	1698	1813	1447
Salmonella bovis morbificans infections*	19	21	32	24	15	13	25	41	22
Salmonella typhimurium infections*	196	232	291	457	547	581	934	857	669
NOS	959	552	657	620	804	630	739	915	756
Syphilis (total) *	585	881	742	981	840	665	514	607	526
New diagnoses*	3	5	14	52	172	110	85	68	183
NOS*	582	876	728	929	668	555	429	539	343
Tetanus	5	2	5	4	0	1	3	3	1
Tuberculosis*	412	424	390	393	443	411	422	385	483
Typhoid and paratyphoid*	58	28	37	35	39	45	33	27	37
Verotoxin - producing <i>Escherichia coli</i> infections*	not notifiable until December 1996								

\* Laboratory-confirmed cases only

NOS = Not otherwise Specified

The following diseases have not been notified since 1991: Diphtheria\*, Granuloma inguinale\*, Lymphogranuloma venereum\*, Plague\*, Poliomyelitis\*, Rabies, Typhus\*, Viral haemorrhagic fever, Yellow fever.

TABLE 2

## DISEASE NOTIFICATIONS BY PUBLIC HEALTH UNIT AREA, NSW, ONSET IN 1999

Condition	Public Health Unit Area								
	CCA	CSA	FWA	GMA	HUN	ILL	MAC	MNC	MWA
AIDS	0	12	0	1	6	2	1	3	1
Adverse event after immunisation	0	3	0	0	1	0	0	1	1
Arboviral infections (total)*	39	12	37	126	149	103	45	172	27
Barmah Forest virus infections*	3	0	2	16	11	37	1	77	2
Ross River virus infections*	36	10	35	110	137	66	44	95	24
NOS*	0	2	0	0	1	0	0	0	1
Botulism	0	0	0	0	0	0	0	0	0
Blood lead level ≥ 15ug/dl*	6	49	198	8	152	48	0	10	8
Brucellosis*	0	1	0	0	0	0	0	0	0
Chancroid	0	0	0	0	0	0	0	0	0
Chlamydia trachomatis infections*	82	207	100	104	256	129	36	101	84
Cholera*	1	0	0	0	0	0	0	0	0
Cryptosporidiosis*	0	2	0	19	8	3	11	10	5
Food-borne illness (NOS)	11	43	1	0	0	7	1	46	3
Gastroenteritis (in an institution)	39	116	10	0	184	7	15	0	0
Giardiasis*	49	66	15	27	84	47	21	32	28
Gonorrhoea*	13	238	34	4	14	22	15	10	23
Invasive H. Influenzae type b infections (total)*	0	1	0	0	2	2	0	0	0
Epiglottitis*	0	0	0	0	0	0	0	0	0
Meningitis*	0	0	0	0	1	1	0	0	0
Septicaemia*	0	1	0	0	1	0	0	0	0
NOS*	0	0	0	0	0	1	0	0	0
Haemolytic uraemic syndrome	0	2	0	0	2	0	0	0	0
Hepatitis A*	17	51	1	9	6	18	0	6	8
Hepatitis B: acute viral*	0	3	1	3	5	2	2	7	2
Hepatitis B: other*	50	585	53	23	74	76	11	24	13
Hepatitis C: acute viral*	0	4	4	1	20	6	3	4	0
Hepatitis C: other*	354	783	53	164	597	217	60	342	305
Hepatitis D*	0	1	0	1	0	3	0	0	1
Hepatitis E*	1	0	0	0	1	0	0	0	0
HIV infection*	4	60	1	1	3	7	1	5	7
Legionnaires disease (total)*	2	1	0	2	2	6	1	2	1
L. longbeachae*	0	0	0	0	0	2	0	0	1
L. pneumophila*	2	1	0	2	1	2	1	0	0
NOS*	0	0	0	0	1	2	0	2	0
Leprosy	0	0	0	0	0	0	0	0	0
Leptospirosis*	0	1	0	1	6	0	1	10	1
Listeriosis*	2	1	0	0	1	2	0	1	1
Malaria*	11	16	0	6	7	12	2	3	1
Measles (total)	2	3	1	0	1	7	4	0	0
Laboratory confirmed cases*	1	2	1	0	0	2	0	0	0
Other	1	1	0	0	1	5	4	0	0
Meningococcal disease (total)	4	10	3	8	9	18	4	7	8
Meningitis	4	7	1	3	6	13	3	6	1
Septicaemia	0	2	1	4	3	0	1	1	6
NOS	0	1	1	1	0	5	0	0	1
Meningococcal disease - conjunctivitis	0	1	0	0	0	0	0	0	0
Mumps*	0	3	0	0	1	4	0	4	0
Mycobacterial infection: other than TB*	11	43	0	11	28	11	1	16	7
Pertussis*	42	85	5	93	284	58	35	47	68
Q Fever*	1	1	14	4	8	3	23	30	8
Rubella (total)*	1	0	0	0	0	5	0	3	0
Rubella*	1	0	0	0	0	5	0	3	0
Rubella (Congenital)*	0	0	0	0	0	0	0	0	0
Salmonella infections (total)*	42	100	20	36	103	89	21	66	36
Salmonella bovis morbificans infections*	2	1	0	1	3	1	1	3	0
Salmonella typhimurium infections*	17	45	4	20	41	64	14	29	14
NOS	23	54	16	15	59	24	6	34	22
Syphilis (total) *	4	57	31	2	17	14	11	28	17
New diagnoses*	4	24	20	2	14	11	10	24	14
NOS	0	33	11	0	3	3	1	4	3
Tetanus	0	0	0	0	1	0	0	0	0
Tuberculosis*	12	74	1	2	14	7	4	7	3
Typhoid and paratyphoid*	1	9	0	2	0	2	0	0	0

\* lab-confirmed cases only

NOS = Not Otherwise Specified

Area health service population estimates 1999:

CCA = Central Coast Area (289 429)

CSA = Central Sydney Area (490 840)

FWA = Far West Area (48 611)

GMA = Greater Murray Area (257 711)

HUN = Hunter Area (537 147)

ILL = Illawarra Area (346 007)

MAC = Macquarie Area (103 445)

MNC = Mid North Coast Area (259 733)

MWA = Mid Western Area (167 057)

TABLE 2

DISEASE NOTIFICATIONS BY PUBLIC HEALTH UNIT AREA, NSW, ONSET IN 1999 *continued*

Condition	Public Health Unit Area									TOTAL
	NEA	NRA	NSA	SA	SES	SWS	WEN	WSA	NOS	
AIDS	0	4	10	0	31	3	2	11	3	90
Adverse event after immunisation	1	0	1	0	0	3	1	0	0	12
Arboviral infections (total)*	34	241	31	110	19	20	27	22	2	1216
Barmah Forest virus infections*	6	58	2	27	1	2	0	1	0	246
Ross River virus infections*	28	183	26	82	13	17	26	20	2	954
NOS*	0	0	3	1	5	1	1	1	0	16
Botulism	0	0	0	0	0	0	0	1	0	1
Blood lead level ≥ 15ug/dl*	5	16	26	6	25	102	13	36	6	714
Brucellosis*	0	0	0	0	1	0	0	0	0	2
Chancroid	0	0	0	0	0	0	1	0	0	1
Chlamydia trachomatis infections*	117	195	100	31	536	90	60	195	42	2465
Cholera*	0	1	0	0	0	0	0	0	0	2
Cryptosporidiosis*	16	15	3	5	12	8	1	3	0	121
Food-borne illness (NOS)	0	12	1	7	3	0	4	12	0	151
Gastroenteritis (in an institution)	35	0	0	0	34	14	97	84	0	635
Giardiasis*	47	87	159	4	183	87	52	102	1	1091
Gonorrhoea*	20	19	119	5	560	78	26	72	18	1290
Invasive H. Influenzae type b infections (total)*	1	2	0	1	1	0	3	0	0	13
Epiglottitis*	0	1	0	0	1	0	0	0	0	2
Meningitis*	0	1	0	0	0	0	0	0	0	3
Septicaemia*	0	0	0	1	0	0	3	0	0	6
NOS*	1	0	0	0	0	0	0	0	0	2
Haemolytic uraemic syndrome	1	0	1	0	2	3	0	0	0	11
Hepatitis A*	4	3	40	15	86	45	13	82	5	409
Hepatitis B: acute viral*	4	6	1	2	13	1	2	8	2	64
Hepatitis B: other*	34	28	350	22	472	1109	52	615	13	3604
Hepatitis C: acute viral*	4	1	10	2	11	0	9	0	1	80
Hepatitis C: other*	141	363	422	241	870	1145	314	1205	81	7657
Hepatitis D*	0	0	0	0	3	0	0	3	1	13
Hepatitis E*	0	0	0	0	2	0	0	3	0	7
HIV infection*	1	0	26	1	131	15	5	25	67	360
Legionnaires disease (total)*	1	0	2	1	5	2	2	11	0	41
L. longbeachae*	0	0	1	1	3	1	1	2	0	12
L. pneumophila*	1	0	1	0	1	1	0	9	0	22
NOS*	0	0	0	0	1	0	1	0	0	7
Leprosy	0	1	0	0	0	0	0	0	0	1
Leptospirosis*	6	27	0	0	0	1	0	0	1	55
Listeriosis*	0	0	4	0	5	1	3	0	1	22
Malaria*	8	11	46	7	31	13	10	14	0	198
Measles (total)	0	1	1	1	5	2	1	2	1	32
Laboratory confirmed cases*	0	1	0	0	3	1	0	2	0	13
Other	0	0	1	1	2	1	1	0	1	19
Meningococcal disease (total)	10	8	17	3	27	28	23	28	3	218
Meningitis	6	4	5	1	9	21	7	13	3	113
Septicaemia	4	3	8	0	1	6	15	15	0	70
NOS	0	1	4	2	17	1	1	0	0	35
Meningococcal disease - conjunctivitis	1	0	0	0	1	0	0	0	0	3
Mumps*	0	0	6	0	8	4	1	1	1	33
Mycobacterial infection: other than TB*	9	13	96	7	57	45	8	3	0	366
Pertussis*	18	15	165	50	155	140	57	96	1	1414
Q Fever*	24	32	2	6	2	1	0	1	0	160
Rubella (total)*	0	9	6	1	12	2	3	4	0	46
Rubella*	0	9	6	1	12	2	2	4	0	45
Rubella (Congenital)*	0	0	0	0	0	0	1	0	0	1
Salmonella infections (total)*	46	146	187	30	132	156	74	147	16	1447
Salmonella bovis morbificans infections*	0	2	0	0	2	2	0	4	0	22
Salmonella typhimurium infections*	20	41	101	15	61	71	32	78	2	669
NOS	26	103	86	15	69	83	42	65	14	756
Syphilis (total) *	9	15	24	0	114	92	5	81	5	526
New diagnoses*	7	7	6	0	16	12	0	12	0	183
NOS	2	8	18	0	98	80	5	69	5	343
Tetanus	0	0	0	0	0	0	0	0	0	1
Tuberculosis*	0	5	48	6	93	117	4	81	5	483
Typhoid and paratyphoid*	0	1	3	0	6	5	0	7	1	37

\* lab-confirmed cases only      NOS = Not Otherwise Specified

Area health service population estimates 1999:

NEA = New England Area (174 989)

NRA = Northern Rivers Area (260 931)

NSA = North Sydney Area (773 767)

SA = Southern Area (183 300)

SES = South Eastern Sydney (767 720)

SWS = South Western Sydney (778 790)

WEN = Wentworth Area (314 257)

WSA = Western Sydney Area (680 837)

NOS = Area Not Stated

TABLE 3

## DISEASE NOTIFICATIONS BY AGE AND SEX, NSW, ONSET IN 1999

Conditions	0-4 yrs		5-24 yrs		25-44 yrs	
	M	F	M	F	M	F
AIDS	0	0	1	2	49	8
Adverse event after immunisation	7	4	0	0	0	1
Arboviral infections (total)*	3	2	67	65	270	256
Barmah Forest virus infections*	1	0	12	10	59	49
Ross River virus infections*	2	2	54	51	208	203
NOS*	0	0	1	4	3	4
Botulism	0	0	0	0	0	0
Blood lead level $\geq$ 15ug/dl*	62	31	78	8	326	15
Brucellosis*	0	0	1	0	1	0
Chancroid	0	0	0	0	0	0
<i>Chlamydia trachomatis</i> infections*	11	17	382	845	627	452
Cholera*	0	1	1	0	0	0
Cryptosporidiosis*	30	23	27	14	15	7
Food-borne illness (NOS)	1	1	10	18	31	31
Gastroenteritis (in an institution)	78	63	23	41	14	48
Giardiasis*	190	139	99	103	198	179
Gonorrhoea*	4	1	212	62	800	59
Invasive H.Influenzae type b infections (total)*	3	3	1	1	0	2
Epiglottitis*	0	0	0	1	0	1
Meningitis*	1	1	0	0	0	0
Septicaemia*	1	2	1	0	0	1
NOS*	1	0	0	0	0	0
Haemolytic uraemic syndrome	2	2	1	3	1	2
Hepatitis A*	7	9	87	71	112	53
Hepatitis B: acute viral*	0	0	15	16	18	7
Hepatitis B: other*	16	20	320	321	1047	936
Hepatitis C: acute viral*	1	0	18	15	29	8
Hepatitis C: other*†	48	39	870	508	3188	1665
Hepatitis D*	0	0	2	0	7	1
Hepatitis E*	0	0	0	2	2	0
HIV infection*	0	2	33	12	229	15
Legionnaires disease (total)	0	0	0	0	3	6
<i>L.longbeachae</i> *	0	0	0	0	1	3
<i>L.pneumophila</i> *	0	0	0	0	2	2
NOS*	0	0	0	0	0	1
Leprosy	0	0	0	0	1	0
Leptospirosis*	0	0	10	3	20	9
Listeriosis*	1	1	0	0	0	2
Malaria*	1	1	46	8	82	25
Measles (total)	6	11	4	2	2	4
Laboratory confirmed cases*	1	1	2	1	2	3
Other	5	10	2	1	0	1
Meningococcal disease (total)	44	32	58	29	19	9
Meningitis	21	16	29	21	9	6
Septicaemia	14	14	16	6	7	3
NOS	9	2	13	2	3	0
Meningococcal disease - conjunctivitis	1	0	1	0	0	0
Mumps*	1	1	6	4	8	2
Mycobacterial infection: other than TB*	11	13	8	9	42	17
Pertussis*	53	56	201	240	153	244
Q Fever*	2	0	21	3	65	9
Rubella (total)*	1	4	20	4	5	10
Rubella*	1	3	20	4	5	10
Rubella (Congenital)*	0	1	0	0	0	0
Salmonella infections (total)*	275	226	214	190	130	147
<i>Salmonella bovis morbificans</i> infections*	8	3	4	0	0	3
<i>Salmonella typhimurium</i> infections*	126	113	124	100	51	57
NOS	141	110	86	90	79	87
Syphilis (total)*	0	5	36	57	111	113
New diagnoses*	0	2	16	34	39	42
NOS	0	3	20	23	72	71
Tetanus	0	0	0	0	0	0
Tuberculosis*	7	5	37	39	75	96
Typhoid and paratyphoid*	2	1	7	7	10	4

\* Laboratory-confirmed cases only      NOS = Not Otherwise Specified

† 4 transsexual cases

TABLE 3

## DISEASE NOTIFICATIONS BY AGE AND SEX, NSW, ONSET IN 1999 continued

Conditions	45-64 yrs		≥65 yrs		Total		U
	M	F	M	F	M	F	
AIDS	27	2	1	0	78	12	0
Adverse event after immunisation	0	0	0	0	7	5	0
Arboviral infections (total)*	234	200	61	55	635	578	3
Barmah Forest virus infections*	55	38	13	8	140	105	1
Ross River virus infections*	176	161	48	47	488	464	2
NOS*	3	1	0	0	7	9	0
Botulism	1	0	0	0	1	0	0
Blood lead level ≥ 15ug/dl*	168	7	13	1	647	62	5
Brucellosis*	0	0	0	0	2	0	0
Chancroid	1	0	0	0	1	0	0
<i>Chlamydia trachomatis</i> infections*	84	18	8	3	1113	1336	18
Cholera*	0	0	0	0	1	1	0
Cryptosporidiosis*	4	1	0	0	76	45	0
Food-borne illness (NOS)	25	24	5	5	72	79	0
Gastroenteritis (in an institution)	11	39	92	195	218	386	31
Giardiasis*	75	49	24	30	587	501	5
Gonorrhoea*	119	2	11	1	1146	125	19
Invasive H.Influenzae type b infections (total)*	1	0	0	2	5	8	0
Epiglottitis*	0	0	0	0	0	2	0
Meningitis*	0	0	0	1	1	2	0
Septicaemia*	0	0	0	1	2	4	0
NOS*	1	0	0	0	2	0	0
Haemolytic uraemic syndrome	0	0	0	0	4	7	0
Hepatitis A*	25	19	9	14	240	166	3
Hepatitis B: acute viral*	6	0	1	0	40	23	1
Hepatitis B: other*	454	267	89	70	1926	1615	64
Hepatitis C: acute viral*	4	2	0	2	52	27	1
Hepatitis C: other*†	619	312	136	122	4862	2646	150
Hepatitis D*	2	0	0	0	11	1	1
Hepatitis E*	2	1	0	0	4	3	0
HIV infection*	57	3	4	0	326	33	5
Legionnaires disease (total)	12	7	7	6	22	19	0
L.longbeachae*	1	1	4	2	6	6	0
L.pneumophila*	9	6	1	2	12	10	0
NOS*	2	0	2	2	4	3	0
Leprosy	0	0	0	0	1	0	0
Leptospirosis*	8	2	3	0	41	14	0
Listeriosis*	5	3	3	6	9	12	1
Malaria*	26	3	2	4	157	41	0
Measles (total)	1	1	0	1	13	19	0
Laboratory confirmed cases*	1	1	0	1	6	7	0
Other	0	0	0	0	7	12	0
Meningococcal disease (total)	10	5	4	8	135	83	0
Meningitis	4	2	1	4	64	49	0
Septicaemia	2	3	2	3	41	29	0
NOS	4	0	1	1	30	5	0
Meningococcal disease - conjunctivitis	0	0	1	0	3	0	0
Mumps*	1	9	0	1	16	17	0
Mycobacterial infection: other than TB*	51	51	90	69	202	160	5
Pertussis*	131	218	38	79	576	837	1
Q Fever*	39	7	9	3	136	22	2
Rubella (total)*	0	0	1	1	27	19	0
Rubella*	0	0	1	1	27	18	0
Rubella (Congenital)*	0	0	0	0	0	1	0
Salmonella infections (total)*	77	73	55	50	751	686	10
Salmonella bovis morbificans infections*	0	2	2	0	14	8	0
Salmonella typhimurium infections*	24	27	21	19	346	316	7
NOS	53	44	32	31	391	362	3
Syphilis (total)*	84	27	53	30	284	232	10
New diagnoses*	18	7	13	12	86	97	0
NOS	66	20	40	18	198	135	10
Tetanus	0	1	0	0	0	1	0
Tuberculosis*	49	40	73	56	241	236	6
Typhoid and paratyphoid*	2	2	1	1	22	15	0

\* Laboratory-confirmed cases only    NOS = Not Otherwise Specified  
† 4 transsexual cases

TABLE 4

## DISEASE NOTIFICATIONS BY MONTH OF ONSET, NSW, ONSET IN 1999

Conditions	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
AIDS	8	5	12	11	4	6	5	17	5	4	5	8	90
Adverse event after immunisation	4	3	1	1	0	1	0	0	1	1	0	0	12
Arboviral infections (total)*	150	199	266	221	131	64	29	32	27	37	36	24	1216
Barmah Forest virus infections*	20	32	35	44	29	18	10	14	13	12	12	7	246
Ross River virus infections*	129	163	228	176	101	45	18	15	14	25	23	17	954
NOS*	1	4	3	1	1	1	1	3	0	0	1	0	16
Botulism	0	0	0	0	0	0	0	0	0	0	1	0	1
Blood lead level ≥ 15ug/dl*	46	54	38	37	47	67	64	47	88	79	96	51	714
Brucellosis*	0	1	0	1	0	0	0	0	0	0	0	0	2
Chancroid	0	0	0	1	0	0	0	0	0	0	0	0	1
<i>Chlamydia trachomatis</i> infections*	185	203	250	213	195	220	208	201	199	178	231	182	2465
Cholera*	1	0	0	1	0	0	0	0	0	0	0	0	2
Cryptosporidiosis*	39	18	8	11	6	2	5	5	8	6	6	7	121
Food-borne illness (NOS)	1	5	2	0	1	47	2	6	39	1	20	27	151
Gastroenteritis (in an institution)	1	20	63	4	28	144	52	49	31	86	110	47	635
Giardiasis*	101	136	133	105	111	89	80	71	59	56	78	72	1091
Gonorrhoea*	115	113	122	113	114	101	85	114	105	94	119	95	1290
Invasive <i>H.Influenzae</i> type b infections (total)*	0	2	1	1	1	3	1	1	0	2	0	1	13
Epiglottitis*	0	0	1	0	0	0	0	1	0	0	0	0	2
Meningitis*	0	1	0	0	0	1	0	0	0	1	0	0	3
Septicaemia*	0	0	0	1	1	1	1	0	0	1	0	1	6
NOS*	0	1	0	0	0	1	0	0	0	0	0	0	2
Haemolytic uraemic syndrome	1	4	1	0	1	1	1	0	0	2	0	0	11
Hepatitis A*	38	67	58	42	44	38	28	21	23	18	20	12	409
Hepatitis B: acute viral*	6	6	6	3	7	3	6	6	5	9	3	4	64
Hepatitis B: other*	279	270	314	249	265	261	316	327	314	345	402	262	3604
Hepatitis C: acute viral*	5	4	10	5	2	2	3	6	4	13	11	15	80
Hepatitis C: other*	544	693	697	554	622	588	601	710	629	673	763	583	7657
Hepatitis D*	0	1	1	0	2	0	4	1	0	3	1	0	13
Hepatitis E*	0	0	0	1	2	2	0	0	2	0	0	0	7
HIV infection*	23	27	40	23	25	20	32	39	31	29	36	35	360
Legionnaires disease (total)	2	13	2	5	6	2	3	3	0	2	1	2	41
<i>L.longbeachae</i> *	0	1	1	2	2	1	1	2	0	1	0	1	12
<i>L.pneumophila</i> *	1	9	1	2	3	1	2	0	0	1	1	1	22
NOS*	1	3	0	1	1	0	0	1	0	0	0	0	7
Leprosy	0	0	0	0	0	0	0	0	1	0	0	0	1
Leptospirosis*	4	3	2	4	7	6	2	0	7	6	9	5	55
Listeriosis*	3	2	1	1	3	1	0	0	6	4	0	1	22
Malaria*	18	23	19	12	15	14	24	20	10	15	12	16	198
Measles (total)	5	6	4	1	5	2	2	2	0	5	0	0	32
Laboratory confirmed cases*	0	2	1	0	4	1	1	0	0	4	0	0	13
Other	5	4	3	1	1	1	1	2	0	1	0	0	19
Meningococcal disease (total)	21	8	18	15	13	14	25	29	27	24	13	11	218
Meningitis	8	4	8	6	9	7	11	19	14	12	7	8	113
Septicaemia	7	2	6	6	1	5	10	7	12	9	3	2	70
NOS	6	2	4	3	3	2	4	3	1	3	3	1	35
Meningococcal disease - conjunctivitis	0	0	0	0	0	0	1	0	1	1	0	0	3
Mumps*	1	2	2	3	3	2	5	4	4	2	0	5	33
Mycobacterial infection: other than TB*	27	41	32	31	46	36	28	26	27	25	25	22	366
Pertussis*	115	98	88	92	102	104	105	140	122	148	156	144	1414
Q Fever*	13	15	10	18	9	12	7	14	19	17	12	14	160
Rubella (total)*	6	3	3	2	4	2	5	3	2	7	6	3	46
Rubella*	6	3	3	2	4	2	5	3	1	7	6	3	45
Rubella (Congenital)*	0	0	0	0	0	0	0	0	1	0	0	0	1
Salmonella infections (total)*	233	152	199	156	83	85	78	80	72	84	89	136	1447
<i>Salmonella bovis moribificans</i> infections*	1	3	3	2	1	2	0	4	0	0	4	2	22
<i>Salmonella typhimurium</i> infections*	115	70	114	89	40	34	39	25	28	34	34	47	669
NOS	117	79	82	65	42	49	39	51	44	50	51	87	756
Syphilis (total)*	54	56	54	41	48	42	46	58	35	39	30	23	526
New diagnoses*	11	11	17	12	20	18	14	24	18	16	9	13	183
NOS	43	45	37	29	28	24	32	34	17	23	21	10	343
Tetanus	0	0	1	0	0	0	0	0	0	0	0	0	1
Tuberculosis*	35	40	46	27	58	42	47	24	34	43	51	36	483
Typhoid and paratyphoid*	1	4	2	2	6	1	5	4	6	1	1	4	37

\* Laboratory-confirmed cases only      NOS = Not Otherwise Specified