COMMUNICABLE DISEASES, NSW: NOVEMBER 2001

TRENDS

Notable features of communicable disease reports received by the NSW Department of Health through to September (Figure 1, Table 2) include:

- the continuing **pertussis** epidemic that seems to be primarily affecting older children and adults and rural dwellers;
- the number of cases of **meningococcal disease** peaked in August (31 cases), with cases predominant among small children and young adults.

INFLUENZA IN NSW, 2001

Rob Menzies, Elizabeth Anne Griggs, and Valerie Delpech

The 2001 influenza season in NSW was a relatively mild one. Reports from general practitioners of 'influenza-likeillness' peaked in late July at 33 cases per 1,000 consultations, slightly lower than last year's peak of 37. Routine laboratory diagnoses-predominantly from specimens from hospitalised children with respiratory illnesses—peaked in early August at 5.9 positives per 100 samples, the lowest rate reported in more than four years. Laboratory testing of specimens from patients of sentinel general practitioners (Directed Virological Surveillance) also peaked in early August with a predominance of influenza type A. The H1N1 A/New Caledonia/20/99-like strain, by far the most common (94 per cent of samples), was included in the Australian vaccine this year. For Australia and New Zealand as a whole, the A/New Caledonia/20/99 (H1N1) was predominant (77 per cent of isolates). Last year, by contrast, type A H3N2 predominated.

Many thanks to all who participated in the influenza surveillance—NSW public laboratories, public health units, many general practitioners, the Australian Sentinel Practice Research Network, and the World Health Organization Collaborating Centre for Influenza.

Weekly reports are coordinated by the NSW Department of Health between May and September and are available from the Communicable Disease Surveillance and Control Unit, NSW Department of Health, by contacting the Influenza Surveillance Officer on (02) 9391 9234.

QUARTERLY REPORT: AUSTRALIAN CHILDHOOD IMMUNISATION REGISTER

The table below reports immunisation coverage by area health service for children aged 12 months to less than 15 months.

These data refer to two different cohorts of children whose age has been calculated 90 days before data extraction. The information contained in each of the reports has been extracted from the Australian Childhood Immunisation Register (ACIR) and may not reflect actual coverage due to under-reporting.

TABLE 1

IMMUNISATION COVERAGE BY AREA HEALTH SERVICE FOR CHILDREN AGED 12 MONTHS TO LESS THAN 15 MONTHS

Area Health Service	30 June 01	30 Sept 01
Central Coast	94	93
Central Sydney	91	89
Hunter	94	96
Illawarra	92	93
Northern Sydney	90	89
South Eastern Sydney	89	89
South Western Sydney	92	90
Wentworth	92	92
Western Sydney	89	90
Far West	87	92
Greater Murray	93	93
Macquarie	93	92
Mid North Coast	91	91
Mid Western	90	92
New England	92	92
Northern Rivers	86	86
Southern	91	91
NSW	91	91



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	TABLE 2 REPORTS OF NOTIFIABLE CONDITIONS RECEIVED IN SEPTEMBER 2001 BY AREA HEALTH SERVICES																				
Vol.	Condition	CSA	NSA	WSA	WEN	sws	CCA	Area HUN	a Health ILL	n Service SES	e (2001) NRA	MNC	NEA	MAC	MWA	FWA	GMA	SA	CHS	for Sept [†]	otal To date [†]
12	Blood-borne and sexually transmitted																				
-	AIDS	-	-	-	-	-	-	-	-	4	1	-	-	-	-	-	-	-	-	5	73
6	Chancroid*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chlamydia (genital)*	41	41	28	10	1	2	27	12	78	15	10	14	11	8	3	11	5	5	326	3,378
<u> </u>	Gonorrhoea*	22	5	5	1	1	-	1	1	41	-	2	7	-	-	-	1	-	3	90	1,014
	Hepatitis B - acute viral*	-	1	-	-	-	-		-	-	1	-	-	-	-	-	1	-	-	3	56
	Hepatitis B - other*	41	45	66	6	-	2	11	9	59	-	2	3	4	2	4	1	2	1	259	3,356
	Hepatitis C - acute viral"	1	-	1	-	-	-	-	-	-	-	-	-	4	-	-	1	-	-	570	121
	Hepatitis D - unspecified*	91	43	/0	25	1	20	56	22	02	32	20	9	4	9		14	13	31	572	0,034
	HIV infection*	_	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		222
	Svphilis	9	-	6	-	-	-	-	-	12	1	4	-	2	-	-	-	-	-	34	547
	Vector-borne																				
	Arboviral infection (BEV)*	-	-	-	-	-	-	-	-	-	6	10	1	-	-	-	-	-	-	17	356
	Arboviral infection (Other)*	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	-	-	3	49
	Arboviral infection (RRV)*	-	-	-	-	-	-	3	-	-	-	1	1	-	-	1	-	-	-	6	729
	Malaria*		3	1	-	-		-	1	-	1	4		-	-	-	1		-	11	119
	Zoonoses		-	-	-	-				-				-	-	-	-				
	Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Brucellosis*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Leptospirosis*	-	-	-	-	-	-	1	-	-	-	1	5	1	-	-	-	-	-	8	57
	Lyssavirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
z	Psittacosis	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	1	-	-	4	27
NS I	Q fever*	-	-	-	-	-	-	-	-	-	2	3	4	6	-	-	-	-	-	15	112
2	Respiratory and other																				
Pu	Blood lead level*	-	-	-	1	1	-	3	2	1	-	1	-	1	-	-	2	-	-	12	325
bli	Influenza	-	3	9	1	-	2	4	3	10	6	3	6	-	-	-	4	6	-	54	1//
<u><u> </u></u>	Invasive pneumococcal infection	4	2	13	4	2	4	9	1	12	1	-	-	-	1	-	-	-	1	54	295
Чe	Legionnaires' pneumophila*	_	1	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	5	30
at	Legionnaires' (Other)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
h	Leprosy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
μ	Meningococcal infection (invasive)	2	-	2	2	2	-	-	3	2	-	1	-	4	3	-	-	2	-	23	205
lle	Tuberculosis	4	4	4	-	1	1	1	3	6	1	1	-	-	-	-	-	-	-	26	272
Ξ.	Vaccine-preventable																				
	Adverse event after immunisation	-	2	-	-	1	-	4	-	1	-	-	-	-	-	1	2	2	-	13	73
	H.influenzae b infection (invasive)*	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	2	10
	Measles	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	30
	Mumps*	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-		-	1	19
	Pertussis Puballa*	15	39	20	23	19	ю	51	14	29	48	24	6	27	24	1	90	1	-	445	2,966
	Tetanus	_	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 47
	Eaecal-oral																			1	
	Botulism	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Cholera*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Cryptosporidiosis*	-	-	4	-	-	-	-	-	2	1	1	-	-	-	-	-	-	-	8	119
	Food borne illness (not otherwise spec	ified) 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	20
	Gastroenteritis (in an institution)	11	-	11	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	23	338
	Giardiasis*	1	6	3	3	-	-	3	8	13	3	5	5	-	-	-	3	1	-	54	746
	Haemolytic uraemic syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		5
	Hepatitis A*	4	3	6	-	2	-	-	1	-	-	-	-	-	-	-	-	1	-	17	123
	Hepatitis E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
	Salmonellosis (not otherwise specified)	* 7	- 17	- 22	- 5	-	- 2	- 2	-	- 13	-	- 5	- 2	- 2	-	-	- 2	- 2	-	101	1 277
	Shigellosis	-	1	1	-	-	-	1	-	6	-	-	-	-	-	-	-	-	-	9	104
	Typhoid and paratyphoid*	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		29
	Verotoxin producing E. coli*	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	* lab-confirmed cases only	+	includes	s cases	with unk	nown po	stcode													+	
ώ		EN - Wentworth	Area		L. L.		inter Arc	2		N		orthorn D	ivore Ar	AA	MAC	- Maca			GMA - (Grootor Murro	v Aroa
	NSA = Northern Sydney Area Si	NS = South West	stern Sv	dnev Are	a I	= =	varra Are	22		M	NC = Nc	orth Coa	st Area	ed	MM/4C	$\Delta = Mid$	Western /	Area	SA = So	uthern Area	y Alea
	WSA = Western Sydney Area Co	CA = Central Co	ast Area		5	SES = Sc	outh Eas	tern Sydne	y Area	N	w Engla	nd Area		FWA = Far West Area CH					S = Corrections Health Service		