



Communicable Diseases Intelligence

Bulletin number 84/3

Issue date: 10 February 1984

VIRUS REPORTING SCHEME

A total of 1,270 virus reports were received during this period. Patterns suggested by the reports included the following:

- The overall number of respiratory tract infections reported indicated a marked decrease, particularly in those infections caused by respiratory syncytial virus and Influenza A virus, compared with the previous three reporting periods, confirming the trend previously observed in CDI 83/23. CDI 83/23 also noted that the decline in the incidence of infections due to rhinoviruses, parainfluenzavirus type 3. and Mycoplasma Pneumoniae was falling less sharply; this trend continued over the next two reporting periods. However, the total number of infections due to Mycoplasma Pneumoniae for the whole of Australia in the current period indicated a 50% decrease compared with the previous two periods. The possibility that a second influenza wave may sweep Victoria as suggested in CDI 83/23 is so far not evident in the number of respiratory infections with typical influenza symptoms reported for this and the previous two reporting periods.
- The decrease in the number of rubella reports from the State Health Laboratory, Brisbane (8 reports compared with 15, 33 and 80 for the previous three periods), indicated the end of the previously confirmed widespread outbreak as reported in CDI 83/23.
- The dengue case reported by the Brisbane Laboratory was believed to be of overseas origin; being diagnosed in a 49 year old male who had just returned from Indonesia.
- Of significance in the current period, was an alarming increase in Ross River virus cases recorded across Australia (151 reports compared with 70, 59 and 8 for the previous three periods). There was a marked increase in Queensland (97 reports from the Brisbane Laboratory compared with 34, 25 and 4 for the previous three periods).

N.B: Due to the leave of absence of the Editor of the Bulletin, the present edition has been limited to the tables and comments on the reports recorded by the Virus Reporting Scheme.

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE
 REPORTING PERIOD - 19/1/84 - 3/2/84 BULLETIN NUMBER 84/3
 VIRAL IDENTIFICATIONS FROM CONTRIBUTING LABORATORIES

VIRUS OR VIRAL ANTIGEN	ICPMR	RAHC	PHH/	FAIR-			STATE	STATE	Total	
	(NSW)/ WVH (ACT)	(NSW)	POW (NSW)	FIELD (VIC)	RCH (VIC)	IMVS (SA)	LAB (QLD)	LAB (WA)		
0100 ADENOVIRUS NOT TYPED.....	5			1	1	3		8	2	20
0101 ADENOVIRUS TYPE 1.....	1				1					2
0102 ADENOVIRUS TYPE 2.....	1								1	2
0103 ADENOVIRUS TYPE 3.....					3	3	1		1	8
0105 ADENOVIRUS TYPE 5.....		1							1	2
0108 ADENOVIRUS TYPE 8.....					1					1
0114 ADENOVIRUS TYPE 14.....									1	1
0121 ADENOVIRUS TYPE 21.....							1			1
0137 ADENOVIRUS TYPE 37.....									9	9
0199 ADENOVIRUS TYPING PENDING.....		1	3			4	1			9
0206 INFLUENZA A VIRUS SUBTYPE H1N1.....					2					2
0301 PARAINFLUENZA VIRUS TYPE 1.....						2				2
0303 PARAINFLUENZA VIRUS TYPE 3.....	1	2			2	3	4	3	1	16
0399 PARAINFLUENZA VIRUS TYPING PENDING.....						1				1
0400 RESPIRATORY SYNCYTIAL VIRUS (RS)...				1		1			3	5
0500 RHINOVIRUS (ALL TYPES).....	3				9	4	7			23
0600 MYCOPLASMA PNEUMONIAE.....	24			1	28	3	32	7	6	101
0700 ORNITHOSIS-PSITTACOSIS.....	1				1					2
0800 COXSACKIEVIRUSES GROUP A - NOT TYPED.....							1			1
0901 COXSACKIEVIRUS B1.....							1			1
0902 COXSACKIEVIRUS B2.....	1					2			5	8
0903 COXSACKIEVIRUS B3.....	1									1
1005 ECHOVIRUS TYPE 5.....					1					1
1006 ECHOVIRUS TYPE 6.....	1									1
1009 ECHOVIRUS TYPE 9.....					4	2		1		7
1011 ECHOVIRUS TYPE 11.....	2									2
1014 ECHOVIRUS TYPE 14.....								1		1
1016 ECHOVIRUS TYPE 16.....	1									1
1017 ECHOVIRUS TYPE 17.....	1	1			1					3
1018 ECHOVIRUS TYPE 18.....	1									1
1032 ECHOVIRUS TYPE 32.....	1									1
1100 POLIOVIRUS NOT TYPED.....				7						7
1101 POLIOVIRUS TYPE 1.....							1			1
1102 POLIOVIRUS TYPE 2.....							3		1	4
1103 POLIOVIRUS TYPE 3.....	1	1								2
1104 POLIOVIRUS-VACCINAL STRAIN.....						4				4
1200 MUMPS VIRUS.....	5		3	2					1	11
1300 HERPES VIRUS GROUP-NOT TYPED.....	37		1				7		3	48
1301 HERPES SIMPLEX VIRUS NOT-TYPED.....		3		1					1	5
1302 EPSTEIN-BARR VIRUS (EB VIRUS).....	7								4	11
1303 VARICELLA-ZOSTER VIRUS.....	2		3	1	1				2	9
1306 HERPES SIMPLEX TYPE 1.....	16				45		35	17	18	131
1307 HERPES SIMPLEX TYPE 2.....	87				59		23	27	49	245
1399 HERPES VIRUS TYPING PENDING.....				14		3				17
1401 COXIELLA BURNETI.....	3				7			12		22
1502 PICORNA VIRUS-NOT TYPED.....	7	2		12						21
1521 MEASLES VIRUS.....	1		1			1			5	15
1522 RUBELLA VIRUS.....	6				12		1	8	3	30
1530 HEPATITIS A VIRUS.....									5	5
1531 HEPATITIS B VIRUS.....			1					1	7	9
1532 HEPATITIS B ANTIGEN.....	52		9	29			15	7		112
1535 HEPATITIS A ANTIBODY.....	2			2				2		6
1541 CHLAMYDIA A - C TRACHOMATIS.....	13		4					24	47	88
1556 CMV - CYTOMEGALOVIRUS.....	5				12	3	1		6	27
1564 ROTAVIRUS.....	4		4	1		5	4	1		19
1599 ENTEROVIRUS TYPING PENDING.....				7		6				13
9901 ARBO. GROUP A.(UNSPECIFIED).....					18					18
9992 ROSS RIVER VIRUS.....	13			1		3	29	97	8	151
9993 ASTROVIRUS.....		1								1
9994 SMALL VIRUS (LIKE) PARTICLE.....								1		1
9995 DENGUE.....								1		1
Total.....	306	12	73	250	54	167	218	190		1,270

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

PERIOD : 19/1/84 to 3/2/84

Viral Identifications by Clinical Information Table 1.

Code 00,99 -No ill or data; 01,02,11,12 -Respiratory; E3 -Encephalitis; M3 -Meningitis; 04 -Paralysis; 05,13 -CNS other unspec.; 07,49 -GI; 17,47 -Hepatic; 19 -CVS; 89 -Urinary; 06 -Skin/mucous.

VIRUS OR VIRAL ANTIGEN	No-ill or data	Respir atory	Enceph alitis	Mening -itis	Para- lysis	CNS other unspec	GI	Hepa -tic	CVS	Urin -ary	Skin/ muc memb
0100 ADENOVIRUS NOT TYPED.....							3				
0101 ADENOVIRUS TYPE 1.....							1				
0102 ADENOVIRUS TYPE 2.....							1				
0103 ADENOVIRUS TYPE 3.....		3		1			1				
0105 ADENOVIRUS TYPE 5.....											1
0114 ADENOVIRUS TYPE 14.....		1									
0121 ADENOVIRUS TYPE 21.....		1									
0206 INFLUENZA A VIRUS SUBTYPE H1N1		2									
0301 PARAINFLUENZA VIRUS TYPE 1....		2									
0303 PARAINFLUENZA VIRUS TYPE 3....		15									
0400 RESPIRATORY SYNCYTIAL VIRUS (RS).....		5									
0500 RHINOVIRUS (ALL TYPES).....		21	1								
0600 MYCOPLASMA PNEUMONIAE.....	8	89				1					2
0700 ORNITHOSIS-PSITTACOSIS.....		2									
0901 COXSACKIEVIRUS B1.....							1				
0902 COXSACKIEVIRUS B2.....		1					1		1		
1005 ECHOVIRUS TYPE 5.....				1							
1009 ECHOVIRUS TYPE 9.....				5							
1014 ECHOVIRUS TYPE 14.....				1							
1017 ECHOVIRUS TYPE 17.....			2	1							
1100 POLIOVIRUS NOT TYPED.....							7				
1101 POLIOVIRUS TYPE 1.....							1				
1102 POLIOVIRUS TYPE 2.....		2		1							
1103 POLIOVIRUS TYPE 3.....		1					1				
1104 POLIOVIRUS-VACCINAL STRAIN....		1					4				
1200 MUMPS VIRUS.....	3	1		3							
1300 HERPES VIRUS GROUP-NOT TYPED..		1									2
1301 HERPES SIMPLEX VIRUS NOT-TYPED				1							4
1302 EPSTEIN-BARR VIRUS (EB VIRUS).	4	1	1								
1303 VARICELLA-ZOSTER VIRUS.....		1									7
1306 HERPES SIMPLEX TYPE 1.....	2	4		1	2			1		1	64
1307 HERPES SIMPLEX TYPE 2.....	5										44
1401 COXIELLA BURNETI.....	2	2									
1502 PICORNA VIRUS-NOT TYPED.....				2							
1521 MEASLES VIRUS.....		4					1				10
1522 RUBELLA VIRUS.....	5										21
1530 HEPATITIS A VIRUS.....								5			
1531 HEPATITIS B VIRUS.....	2						1	3			
1532 HEPATITIS B ANTIGEN.....	66							38			1
1535 HEPATITIS A ANTIBODY.....	2							4			
1556 CMV - CYTOMEGALOVIRUS.....	4	3			1			1		2	
1564 ROTAVIRUS.....			1				17				
9901 ARBO. GROUP A.(UNSPECIFIED)...	1	1									12
9992 ROSS RIVER VIRUS.....	51							1			35
9993 ASTROVIRUS.....							1				
Total.....	155	164	6	16	3	1	41	53	1	3	203

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

PERIOD : 19/1/84 to 3/2/84 ...

Viral Identifications by Clinical Information Table 2.

Code 10 -Eye; 59 -Genital; 39 -Endo/sal gland;

38 -RES; 29 -Muscle/joint; 69 -Congenital; P8 -PUO;

G8 -Fever/malaise; 09 -Other; A1 -SIDS ...

VIRUS OR VIRAL ANTIGEN	Eye	Gen-ital	Endo/sal gland	RES	Muscle/joint	Con-genital	PUO	Fever/mal-aise	Other	SIDS	
0100 ADENOVIRUS NOT TYPED.....									1		
0101 ADENOVIRUS TYPE 1.....									1		
0102 ADENOVIRUS TYPE 2.....									1		
0103 ADENOVIRUS TYPE 3.....	2								2		
0105 ADENOVIRUS TYPE 5.....									1	1	
0108 ADENOVIRUS TYPE 8.....	1										
0137 ADENOVIRUS TYPE 37.....	2	7									
0206 INFLUENZA A VIRUS SUBTYPE H1N1									1		
0303 PARAINFLUENZA VIRUS TYPE 3....							1		1		
0500 RHINOVIRUS (ALL TYPES).....									2	1	
0600 MYCOPLASMA PNEUMONIAE.....							3		9		
0902 COXSACKIEVIRUS B2.....							3		2	1	
0903 COXSACKIEVIRUS B3.....									1		
1006 ECHOVIRUS TYPE 6.....							1				
1009 ECHOVIRUS TYPE 9.....							1		1		
1011 ECHOVIRUS TYPE 11.....									2		
1016 ECHOVIRUS TYPE 16.....									1		
1017 ECHOVIRUS TYPE 17.....	1								1		
1018 ECHOVIRUS TYPE 18.....									1		
1032 ECHOVIRUS TYPE 32.....										1	
1102 POLIOVIRUS TYPE 2.....									1		
1103 POLIOVIRUS TYPE 3.....									1		
1200 MUMPS VIRUS.....				2				1		3	
1300 HERPES VIRUS GROUP-NOT TYPED..		1			2						
1301 HERPES SIMPLEX VIRUS NOT-TYPED	1										
1302 EPSTEIN-BARR VIRUS (EB VIRUS).				4					3		
1303 VARICELLA-ZOSTER VIRUS.....				1	1						
1306 HERPES SIMPLEX TYPE 1.....	3	52			1				4	1	
1307 HERPES SIMPLEX TYPE 2.....		197									
1401 COXIELLA BURNETI.....						1	1	7	11	1	
1521 MEASLES VIRUS.....	1			3					2	1	
1522 RUBELLA VIRUS.....				1	1	2			2	1	
1531 HEPATITIS B VIRUS.....										3	
1532 HEPATITIS B ANTIGEN.....						1				6	
1541 CHLAMYDIA A - C.TRACHOMATIS...	6	82									
1556 CMV - CYTOMEGALOVIRUS.....		2		1	2			3		6	
1564 ROTAVIRUS.....		1					1				
9901 ARBO. GROUP A.(UNSPECIFIED)...						16			2		
9992 ROSS RIVER VIRUS.....						82		3	14		
9994 SMALL VIRUS (LIKE) PARTICLE...						1					
9995 DENGUE.....									1		
Total.....	17	342		12	7	103	6	23	69	24	2

NOTIFIABLE DISEASES REPORTED IN AUSTRALIA

..... Weeks 45-48

(5 November to 2 December 1983)

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Disease	N.S.W.	VIC	QLD	S.A.	W.A.	TAS.	N.T.	A.C.T.	Total	CUMULATIVE TOTAL TO DATE FOR YEAR
Amoebiasis	1	1	3	5					10	58
Ankylostomiasis			1	3					4	79
Anthrax									—	—
Arbovirus infection									—	4
Brucellosis									—	14
Campylobacter infections	43	N.N.	N.N.	87	N.N.	N.N.	1	N.N.	131	1387
Chancroid			1	N.N.		N.N.	N.N.		1	14
Cholera									—	4
Congenital rubella syndrome		N.N.	N.N.		N.N.	N.N.	N.N.	N.N.	—	—
Diphtheria		1							1	1
Donovanosis		N.N.	4	N.N.	1	N.N.			5	103
Giardiasis	8	N.N.	N.N.	67	N.N.	N.N.	N.N.	N.N.	75	880
Genital herpes	103	N.N.	50	6	N.N.	N.N.	2	N.N.	161	1900
Gonococcal ophthalmia neonatorum		N.N.			N.N.	N.N.	N.N.	N.N.	—	14
Gonorrhoea	203	149	107	33	155	3	61	4	715	10132
Hepatitis A (infectious)	16	14	19	18	3	1	6		77	954
Hepatitis B (serum)	17	26	23	9	1	1	1	1	79	893
Hepatitis - unspecified	8	1			5	N.N.	N.N.	1	15	307
Hydatid disease									—	8
Lassa Fever			N.N.			N.N.	N.N.	N.N.	—	—
Legionnaires disease			N.N.		N.N.	N.N.	N.N.	N.N.	—	21
Leptospirosis	2	1							3	60
Leptospiriosis		16	14	3					33	207
Lymphogranuloma venereum		N.N.	N.N.	N.N.	N.N.	N.N.			—	7
Malaria	11	5	22	1	2			5	46	539
Marburg Disease			N.N.			N.N.	N.N.	N.N.	—	—
Meningococcal infections	3		10			N.N.	2		15	107
Non-specific urethritis	363	N.N.	N.N.	101	N.N.	N.N.	N.N.	N.N.	464	5197
Ornithosis			1						1	19
Pertussis (whooping cough)	11	13	N.N.	3	N.N.	N.N.	N.N.	N.N.	27	300
Plague									—	—
Polioyelitis									—	—
Q. fever			8		N.N.		N.N.		8	151
Rabies		N.N.	N.N.			N.N.	N.N.	N.N.	—	—

DISEASE	N.S.W.	VIC	QLD	S.A.	W.A.	TAS.	N.T.	A.C.T.	Total	CUMULATIVE TOTAL TO DATE FOR YEAR
Salmonella infections	57	8	23	29	7	7	12	7	150	2796
Shigella infections	4	10	5	2	7		24		52	576
Smallpox									—	—
Syphilis	62	11	31	10	21		44		179	2409
Tetanus			1	1					2	9
Trachoma		N.N.			N.N.	N.N.			—	5
Tuberculosis (all forms)	52	20	12	14	11		10	1	120	1154
Typhoid fever	1								1	21
Typhus (all forms)			1						1	21
Vibrio parahaemolyticus infections		N.N.	N.N.		N.N.	N.N.	N.N.	N.N.	—	—
Yellow Fever									—	—
Yersinia enterocolitica infections		N.N.	N.N.		N.N.	N.N.	N.N.	N.N.	—	—

(Note: Data collected under the Notifiable Diseases Returns may bear little or no correlation to that collected under the CDI laboratory scheme. Whilst the latter is a sampling program, the Notifiable Diseases data is dependent upon voluntary reporting by medical practitioners etc.)

N.N. Not Notifiable

ADJUSTMENTS

Ankylostomiasis	+	2	SA
Hepatitis A	-	1	SA
Hepatitis B	+	6	SA
Malaria	+	1	ACT
Salmonella Infections	+	1	SA