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Communicable Diseases Intelligence

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Contents:

CDI BULLETIN - Dr Jeffrey Lake has resumed his position as Editor of CDI, and the bulletin will recommence fortnightly publications following this re-incarnated issue.

VIRUS REPORTING SCHEME - Because of a local mail dispute, the majority of virus reports for the current reporting period were not received, and analysis of these data will be commented on in CDI 83/20.

A total of 4807 reports were received during the three reporting periods (generations 16, 17 and 18 for 21 July - 31 August 1983) when CDI was not published. Patterns suggested by these reports included the beginning of the decline in the seasonal activity of respiratory syncytial virus (340, 279 and 209 reports for generations 16, 17 and 18 respectively) and rotavirus infections (96, 92 and 60 reports). Mycoplasma pneumoniae continued to account for a large proportion of respiratory infections, with patients usually having a several day history of fever before cough and other respiratory symptoms occurred.

- Influenza viruses - Considerable influenza A activity was reported by all participating laboratories in August (64, 147 and 145 reports). Subtyping analyses indicated substantial regional and temporal variation as illustrated in Table 1.

Table 1. Influenza A subtypes reported in generations 16, 17 and 18

Laboratory	H_3N_2 Generation			H_1N_1 Generation		
	16	17	18	16	17	18
ICPMR, Sydney	11	32	22	-	-	-
Fairfield, Melbourne	2	4	7	-	9	10
RCH, Melbourne	-	8	3	-	-	-
Brisbane	1	7	11	-	3	2
IMVS, Adelaide	-	-	1	10	-	-

Twenty-seven of the H_3N_2 isolates were categorised as resembling A/Philippines/2/82. Infections occurred in all age groups, and influenza-related deaths were recorded in six patients. In contrast, all H_1N_1 infections were in

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HUMAN SALMONELLOSIS SURVEILLANCE

(Contributed by S.A. Hogben and J. Taplin, Microbiological Diagnostic Unit (MDU), University of Melbourne).

This issue contains reports tabulating the identification of salmonellas, shigellas and campylobacters isolated from humans in Australia for the quarter October-December 1982 (see CDI 82/13, 82/23 and 83/9 for analyses of the first nine months). During the period, 1046 salmonella (74 serotypes), 141 shigella and 271 campylobacter isolations were reported.

TYPHOID - Eight S. typhi isolates were reported comprising three new typhoid cases and three follow-up investigations of patients identified in August (S. typhi F1) and September (S. typhi E1). In Victoria, S. typhi untypable was isolated from blood of a 32 year old female two weeks after returning from travel in Java where she had a family contact with typhoid; and S. typhi O was cultured from blood and faeces of a five year old boy who developed fever six weeks after his return from Lebanon. Screening of case family contacts failed to find a carrier. S. typhi untypable (Vi negative) was recovered from a 34 year old male Vietnamese refugee on arrival in Western Australia.

PARATYPHOID - Three cases of S. paratyphi A untypable infection were reported and included a 29 year old male who had travelled in S.E. Asia and India; a 25 year old female who returned from Europe via India where she suffered vomiting, diarrhoea, fever and rigors; and a 40 year old seaman from a Korean ship. S. paratyphi A phage type 2 was isolated from a 30 year old male on his return from travel in S.E. Asia. S. paratyphi B phage type Dundee var 1 was isolated from a 29 year old male and from a 24 year old male with a fever. S. paratyphi B phage type UDNC was isolated from a 16 month old girl in New South Wales with gastroenteritis, and a 21 year old female from Victoria who returned from holiday in Bali.

OUTBREAKS - In December, Shigella sonnei biotype G resistant to streptomycin and sulphonamide was isolated from 20 of 25 people who had symptoms of watery diarrhoea 24-36 hours after a party attended by 70 people. Seven people were admitted to hospital. The party was catered privately, but none of the foodhandlers were found to be excreting the serotype.

Serotypes that exhibited regional and/or isolation frequency variation included S. muenchen in Queensland. Compared with an average of seven isolates per quarter, 121 reports were received with most of the isolates originating from the Brisbane metropolitan region, but no specific age group appeared to be involved.

WOUND ISOLATIONS - S. lansing was isolated from a leg sinus of a man who was transferred to a Melbourne hospital with possible osteomyelitis after a bicycle accident nine months previous in Queensland. Staphylococcus aureus was also cultured. Of the 29 reports of S. lansing in 1981, 27 emanated from Queensland. S. abony was isolated from the hip of a four month old girl with septic arthritis. The child had a past history of salmonella gastroenteritis. S. montevideo was cultured from the septic knee joint in a seven year old boy. He had no bowel symptoms, but the serotype was isolated later from his faeces and from faeces of his asymptomatic father. S. give was isolated from wound infection after cholecystectomy in a 47 year old male, and S. kottbus was cultured from a colon biopsy. S. typhimurium phage type UDNC was grown from an

amputation wound at suture line and from a cervical swab of another patient. Both cultures gave the same phage typing pattern, and both patients resided in the same town.

URINE ISOLATIONS - Isolations from urine comprised the serotypes S. muenchen (3), S. infantis (2), S. birkenhead, S. kottbus, S. senftenberg and S. typhimurium phage types 101, 126, 135 and untypable.

BLOOD ISOLATIONS - Cases of septicaemia involved nine serotypes. S. stanley was grown from blood cultures of a 31 year old female visitor from Malaysia after eating a Chinese take-away meal. S. typhimurium phage type 9 was isolated from blood culture of a 72 year old female with a three day history of fever, vomiting and diarrhoea. Her condition worsened and she subsequently died. The same organism was isolated at post-mortem. In addition, S. orion was cultured from a baby boy with gastroenteritis, S. virchow from a 15 year old girl, and S. oranienburg from a 56 year old female with recurrent fever post chemotherapy. Other serotypes isolated from blood included S. chester, S. paratyphi A untypable and S. typhi phage types 0 and untypable.

HUMAN SALMONELLA, SHIGELLA AND CAMPYLOBACTER INFECTIONS - 1982

(Contributed by S.A. Hogben and J. Taplin, Microbiological Diagnostic Unit (MDU), University of Melbourne).

In 1982, 4348 salmonella, 498 shigella and 850 campylobacter isolations were collated by MDU compared with 5302, 606 and 552 reports respectively in 1981 (see CDI 82/14/15). The distribution of isolations by State and Territory together with the most common salmonella and shigella serotypes is given in Table 1.

TABLE 1. Salmonella, shigella and campylobacter isolations - Australia 1982

Organism	ACT	NSW	VIC	QLD	SA	WA	TAS	NT	Total
Salmonella	21	962	747	1135	405	637	66	375	4348
Shigella	-	7	99	11	24	313	2	42	498
Campylobacter	-	102	224	50	30	444	-	-	850
TOTAL	21	1071	1070	1196	459	1394	68	417	5696
Most common salmonella serotypes									
S. typhimurium*	2	325	264	124	114	196	12	35	1072
S. muenchen	-	24	1	142	17	55	-	38	277
S. virchow	-	10	10	208	8	-	1	2	239
S. chester	-	34	5	62	21	43	-	30	195
S. saint-paul	1	8	15	90	12	30	1	10	167
S. typhimurium 135	-	70	52	7	19	6	7	4	165
S. havana	3	29	44	20	6	19	2	38	165
S. anatum	2	39	20	39	7	15	-	11	133
S. typhimurium 179	-	40	52	10	5	21	-	-	128
S. bovis-morbificans	-	26	34	11	37	13	1	3	125
S. infantis	4	31	24	22	14	23	1	6	125
Most common shigella serotypes									
S. flexneri 2A	-	1	12	1	10	117	-	10	151
S. flexneri 2	-	-	-	-	-	90	-	-	90
S. flexneri 6	-	-	5	-	5	63	1	9	83
S. sonnei BIO A	-	-	18	6	3	9	-	15	51

* Different S. typhimurium phage types.

Complete printouts of the National Surveillance Scheme for Salmonellas Annual Report for 1982 is available on request from MDU, School of Microbiology, University of Melbourne, Parkville, Victoria 3052.

Comment

Until now the National Surveillance Scheme for Salmonellas (NSSS) has only collated data on human isolates. Despite the epidemiological restraints imposed by these limitations, it has been possible to track increasing prevalences of salmonellas, to alert public health officials and to differentiate outbreaks using antibiotic resistance markers.

Funding by the National Health and Medical Research Council in 1983 has allowed the extension of the NSSS to cover isolations from sources other than humans. As salmonellosis is basically a zoonosis, the information of isolation from animals, birds, environmental sources, food items and ingredients should establish a better comprehension of the ecology of the organism in Australia, as well as furnishing a solid foundation for further logical recommendations on the prevention and control in agriculture and industry.

Laboratories which isolate salmonellas are requested to assist in the scheme which revolves around the completion of seven coloured cards (one for each source of enteric pathogen; pink-animal; grey-egg/egg products; blue-foodstuffs; green-environmental and water; salmon-meat and animal products; white-dairy; yellow-human). The enteric pathogens sought are primarily salmonellas, but data are also collated on shigellas, campylobacters, vibrios, and those E. coli isolations where there is good evidence of disease being caused and some defined marker demonstrated e.g. invasiveness, LT or ST, EPEC or EIEC serogroup. Each card is designed to be used as a request form to accompany an isolate suspected of being a salmonella etc. to a typing laboratory. There are sections for the submitting laboratory to fill in and are designed to suit the particular source. These include:-

- Space for the identity of the source; name and address of human patients, type and origin of animals, description and origin for foodstuffs.
- Space for the identity of the submitting laboratory and its address.
- The date of isolation.
- A tick box section for epidemiological data.
- A section for site of isolation e.g. faeces, liver, sack of batch 29, conveyor belt etc.
- Notes for epidemiological interest e.g. take-away meal outbreak, kangaroo epizootic.

At the top of each card there is a section for the typing laboratory to fill in the identity of the strain submitted and details such as antibiotic sensitivity which are chosen for their value as epidemiological markers rather than therapy.

Typing laboratories then forward the cards to MDU for processing. Alternatively the replies from the typing laboratory can be used by the requesting laboratory to complete the NSSS cards who then send them direct to MDU. The Salmonella Reference Laboratory, Institute of Medical and Veterinary Science, Adelaide, have agreed to accept NSSS cards as request forms for serotyping isolates and to forward a report to the submitting laboratory and the card to MDU.

Further information and a supply of the NSSS epidemiological cards can be obtained from MDU, School of Microbiology, University of Melbourne, Parkville, Victoria 3052.

DELTA AGENT SURVEILLANCE

(Based on information contributed by J. Hoy and M. Dimitrakakis, Fairfield Hospital, Melbourne).

Delta agent is a defective virus distinct from hepatitis B virus (HBV) but requiring its presence for replication, and consequently is found exclusively in people with markers of HBV infection. The agent consists of a 35-37 nm particle coated with the hepatitis B surface antigen (HSsAg) with an internal component of delta antigen and a small RNA genome. The virus, and its related antigen/antibody system was first identified in southern Italy in 1977[1], where infection is endemic (maintained by transmission between HBsAg carriers), and is associated with severe liver damage. In northern Italy, and the rest of the world, the agent is associated primarily with drug addicts and haemophiliacs.

Delta agent has been associated with both asymptomatic, acute and chronic hepatitis. Delta-associated hepatitis is generally more severe than hepatitis B infection in the absence of delta agent, but this excerbation of symptoms appears to be dependent on the subsequent superinfection of HBsAg carriers rather than patients who acquire HBV and delta infection simultaneously.[2,3] Its contribution to fulminant hepatitis is still unclear. Co-infection of delta agent and HBV is not recognisable by clinical features alone, although an unusually protracted course together with a biphasic pattern with double rises in enzyme activity and bilirubin concentrations may retrospectively be suggestive of a delta infection.[4,5,6] Another possible diagnostic and prognostic finding is that delta infection can temporarily depress HBsAg titres in chronic carriers. Complete clearances of HBsAg have been recorded, although they may also occur irrespective of delta infection.[6]

Delta antigen can be detected by immunofluorescence in the nuclei of infected hepatocytes during the late incubation period and early acute phase of infection. Delta antigenaemia requires the sensitive techniques of ELISA and radioimmunoassay as well as detergent treatment to uncoat HBsAg from the delta particle. However, delta antigen is present only during the early acute phase, and seroconversion to anti-delta antibody also appears to be transient except in chronic infections.

During July 1981-June 1982, 284 cases of acute hepatitis B referred to Fairfield Hospital were tested for delta markers. Concurrently, 131 apparently healthy HBsAg carriers of various groups and 18 patients with chronic active hepatitis B were also tested. An overall prevalence of 11.4% (50 sera) of cases with delta markers was found. Evidence of simultaneous infection with delta agent was detected in 14.4% of patients presenting with acute hepatitis B. Delta markers were not detected in any of the apparently healthy HBsAg carriers. The group of 18 chronic hepatitis patients was divided into 14 patients with chronic active hepatitis and four patients who were HBsAg carriers experiencing two or more separate attacks of hepatitis. Evidence of delta infection was found in 37.5% of those with chronic active hepatitis and 100% of those with two or more attacks of hepatitis. These results were similar to those reported in Sweden, Denmark and Ireland. A total of 47 of the 50 patients who had delta markers were either intravenous drug users or closely associated with this group.

In another recent Australian survey, three of 49 liver biopsies from patients with chronic liver disease, and seven of 150 HBsAg positive sera from different categories of patients were positive for delta markers.[7] The only delta positive patients who were not narcotic users were an Italian with cirrhosis, a Greek with hepatocellular carcinoma and two patients who had recently arrived from S.E. Asia where both had had attacks of acute hepatitis. Sera from 70 haemophiliac patients were all negative for delta infection despite 10 who were HBsAg carriers and 46 who had anti-HBs antibodies. In the USA and Italy anti-delta antibody has been detected in 49% of HBsAg positive haemophiliacs.

References

1. Gut (1977) 18 : 997
2. Lancet (1983) 1 : 765
3. Lancet (1983) 2 : 104
4. J. Inf. Dis. (1980) 141 : 590
5. Lancet (1982) 1 : 249
6. BMJ (1983) 286 : 87
7. Aust. N.Z. J. Med. (1983) 13 : 231
8. J. Inf. Dis. (1982) 145 : 18

(continued from page 1).

patients aged less than 27 years. The WHO Influenza Reference Centre, Commonwealth Serum Laboratories, Melbourne, also reported 29 H_1N_1 isolations during August. Infections were again in young people less than 25 years of age, and specimens were referred from the RAAF base at Laverton, Melbourne University and Hobart (seven throat washings). Antigenic analysis is still incomplete, but the strains reacted asymmetrically with A/England/333/80 and A/New Zealand/27/83. Only 16 influenza B reports were received during the period, of which 14 were serological diagnoses of sporadic infection in adults occurring in July and early August.

Another report of interest includes:

. A strain of Shigella flexneri resistant to ampicillin, sulphonamide, trimethoprim, chloramphenicol and tetracycline was isolated from faeces of a 26 year old woman hospitalised at the St. George Hospital, Sydney, with diarrhoea acquired during a recent trip to Bombay. The patient made an uneventful recovery and there were no secondary cases.

HUMAN SALMONELLOSIS CASES

Period: October - December 1982

Serotype	Total	NSW& ACT	VIC	QLD	SA	WA	TAS	NT
S. aberdeen	5			5				
S. abony	12		1	10		1		
S. adelaide	31	8	3	4	14	1		1
S. agona	4	1	1	1		1		
S. anatum	35	12	3	9	3	5		3
S. bahrenfeld	3					1		2
S. ball	3	1						2
S. bareilly	4	1	1	1	1			
S. birkenhead	20	8	2	10				
S. blockley	7	5				1		1
S. bonn	1		1					
S. bovis-morbificans[1]	28		9	5	12	2		
S. braenderup	1	1						
S. bredeney	14	1	2	5	1	3	1	1
S. cerro	1	1						
S. chester	40	3	4	14	1	12		6
S. choleypark	1					1		
S. derby	8		2	3	1	2		
S. eastbourne	2			1				1
S. emek	3		2			1		
S. enteritidis	17	2		14		1		
S. give	3	2	1					
S. havana	41	12	5	5	1	4	1	13
S. heidelberg	3	2	1					
S. hessarek	3	2			1			
S. houten	1			1				
S. hvittingfoss	5				1	2		2
S. infantis	26	5	3	5	4	5	1	3
S. jangwani	3			2		1		
S. java	2				1			1
S. java dundee	2				1			1
S. java untypable	4	1	1	1				1
S. java 3A1 var 4	1	1						
S. javiana	1	1						
S. johannesburg	3			3				
S. kentucky	1		1					
S. kimberley	1					1		
S. kottbus	11	7		3				1
S. krefeld	1		1					
S. lansing	5		1	3		1		
S. lexington	1		1					
S. litchfield	3		1		2			
S. lohbruegge	1			1				
S. london	1		1					
S. mississippi	5						5	
S. montevideo	3		3					
S. muenchen	140	3		121	1	8		7
S. new brunswick	1			1				
S. newport	10	4		3	2	1		
S. ohio	4	4						
S. oranienburg	8			3	2	3		
S. orientalis	5			2	2	1		
S. orion	7					2		5
S. oslo	1		1					
S. panama	2	2						
S. paratyphi A untypable	4		2			2		
S. paratyphi A2	1					1		
S. paratyphi B Dundee var 1	2	2						

HUMAN SALMONELLOSIS CASES

Period: October - December 1982

Serotype	Total	NSW& ACT	VIC	QLD	SA	WA	TAS	NT
S. paratyphi B UDNC	2	1	1					
S. potsdam	3	1		2				
S. reading	2			1				1
S. saint-paul	40	4	2	19	2	10		3
S. schwarzengrund	11					6		5
S. senftenberg	6	1	1	1		1		2
S. singapore	13	8		1	1	2	1	
S. stanley	4	1	3					
S. tennessee	9				3	2		4
S. thompson	2		1	1				
S. typhi*	8	3	4			1		
S. typhimurium*	311	109	76	41	36	39	4	7
S. untypable 1,4,5,12:1,2	1		1					
S. untypable 1,9,12:-:1,5	1		1					
S. untypable	8	3	1	2	1			1
S. urbana	3			2				1
S. virchow	40	1		38				1
S. wandsbek	1					1		
S. waycross	7	2		5				
S. welikade	4			1		2		1
S. weltevreden	10					2		8
S. worthington	1	1						
S. yarrabah	1			1				
S. zanzibar	1		1					
TOTAL	1046	227	146	351	94	130	13	85
S. typhimurium*								
S. typhimurium	6	3			1	2		
S. typhimurium UDNC	23	4	8	7	1	2		1
S. typhimurium untypable	19	11	3	2	1	1	1	
phage type 2	2	2						
phage type 4	12	6	6					
phage type 5	10				5	1	1	3
phage type 6	2		2					
phage type 8	3				2	1		
phage type 9	29	8	7		2	12		
phage type 12A	10	1			1	8		
phage type 16	1			1				
phage type 22	6		2	2		1		1
phage type 26	2	1	1					
phage type 27	2	2						
phage type 29	1		1					
phage type 39	1	1						
phage type 41	8	4	4					
phage type 44	10	4	2	4				
phage type 46	1	1						
phage type 55	4		1	2	1			
phage type 58	4					4		
phage type 66	1	1						
phage type 88	1			1				
phage type 90	4	3						1
phage type 99	3	2			1			
phage type 101	12	4		4	4			
phage type 102A	4	2		2				
phage type 108	4	1		3				
phage type 114	1							1

HUMAN SALMONELLOSIS CASES

Period: October - December 1982

Serotype	Total	NSW& ACT	VIC	QLD	SA	WA	TAS	NT
phage type 121	1	1						
phage type 124	4	3	1					
phage type 126	5	3	2					
phage type 135	39	13	14	2	7	1	2	
phage type 141	5	4	1					
phage type 145	1		1					
phage type 156	2				2			
phage type 170	21	9	5	7				
phage type 176	5				5			
phage type 178	1				1			
phage type 179	37	11	15	3	2	6		
phage type 182	1	1						
phage type 183	1	1						
phage type 185	2	1		1				
phage type 202	1	1						
TOTAL	312	109	76	41	36	39	4	7
S. typhi*								
S. typhi E1	2	2						
S. typhi F1	1	1						
S. typhi O	3		3					
S. typhi untypable	1		1					
S. typhi untypable V1 neg	1					1		
TOTAL	8	3	4			1		
Shigellae								
S. flexneri	1					1		
S. flexneri var X	1		1					
S. flexneri 1B	1		1					
S. flexneri 2A	52	1	1		2	48		
S. flexneri 3A	4		2			2		
S. flexneri 3C	1		1					
S. flexneri 4A	5	1	1			3		
S. flexneri 6	22		1			13		8
S. sonnei	3	2				1		
S. sonnei BIO A	21		4	5	2	3		7
S. sonnei BIO G	30		30					
TOTAL	141	4	42	5	4	71		15
Campylobacter								
C. jejuni	267	4	102	19	17	125		
C. species	4		3		1			
TOTAL	271	4	105	19	18	125		

(1) - Different S. bovis-morbificans phage types.

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

REPORTING PERIOD - 21/7/83 -. 3/8/83 BULLETIN NUMBER . 83/16

VIRAL IDENTIFICATIONS FROM CONTRIBUTING LABORATORIES

VIRUS OR VIRAL ANTIGEN	ICPMR (NSW)/ WVH (ACT)	RAHC (NSW)	PHH/ POW (NSW)	FAIR-FIELD (VIC)	RCH (VIC)	IMVS (SA)	STATE LAB (QLD)	STATE LAB (WA)	Total
0100 ADENOVIRUS NOT TYPED	3		3	2		4	3	2	17
0101 ADENOVIRUS TYPE 1				1		3			4
0102 ADENOVIRUS TYPE 2				2		1			3
0103 ADENOVIRUS TYPE 3						1			1
0104 ADENOVIRUS TYPE 4						1			1
0105 ADENOVIRUS TYPE 5				3		1			4
0107 ADENOVIRUS TYPE 7	1								1
0119 ADENOVIRUS TYPE 19								1	1
0131 ADENOVIRUS TYPE 31			1			1			2
0199 ADENOVIRUS TYPING PENDING			7		8	3			18
0201 INFLUENZA A VIRUS	12	5	4			10		9	40
0202 INFLUENZA A VIRUS SUBTYPE H3N2	11			2			1		14
0203 INFLUENZA B VIRUS	1							6	7
0206 INFLUENZA A VIRUS SUBTYPE H1N1						10			10
0301 PARAINFLUENZA VIRUS TYPE 1	2				2	5	3		12
0302 PARAINFLUENZA VIRUS TYPE 2							1		1
0303 PARAINFLUENZA VIRUS TYPE 3								4	4
0399 PARAINFLUENZA VIRUS TYPING PENDING						3			3
0400 RESPIRATORY SYNCYTIAL VIRUS (RS)	81	29	13	49	61	87	16	4	340
0500 RHINOVIRUS (ALL TYPES)				4	18	7	9		38
0600 MYCOPLASMA PNEUMONIAE	53	2	7	11	6	12	2	3	96
0700 ORNITHOSIS-PSITTACOSIS	1					1			2
0899 COXSACKIEVIRUS GROUP A TYPING PENDING							1		1
0901 COXSACKIEVIRUS B1						1			1
0903 COXSACKIEVIRUS B3								1	1
1011 ECHOVIRUS TYPE 11	4			2					6
1014 ECHOVIRUS TYPE 14		1	2				1		4
1015 ECHOVIRUS TYPE 15			3						3
1022 ECHOVIRUS TYPE 22	2		2				2		6
1031 ECHOVIRUS TYPE 31								1	1
1101 POLIOVIRUS TYPE 1							1	1	2
1102 POLIOVIRUS TYPE 2	1								1
1103 POLIOVIRUS TYPE 3							1		1
1104 POLIOVIRUS-VACCINAL STRAIN			4						4
1200 MUMPS VIRUS	1		1		1			2	5
1300 HERPES VIRUS GROUP-NOT TYPED	26		6	1		4			37
1301 HERPES SIMPLEX VIRUS NOT-TYPED		1		1					2
1302 EPSTEIN-BARR VIRUS (EB VIRUS)	8							4	12
1303 VARICELLA-ZOSTER VIRUS	2		1			3	1		7
1306 HERPES SIMPLEX TYPE 1	9			44		20	19	17	109
1307 HERPES SIMPLEX TYPE 2	110			65		27	43	54	299
1399 HERPES VIRUS TYPING PENDING			19		4	1			24
1401 COXIELLA BURNETI	1					1	1		3
1502 PICORNA VIRUS-NOT TYPED	4							1	5
1515 CONTAGIOUS PUSTULAR DERMATITIS (ORF VIRUS)	1					1			2
1521 MEASLES VIRUS	2					1	1		4
1522 RUBELLA VIRUS	3		1			1		1	6
1532 HEPATITIS B ANTIGEN	38	1	6			17	12	7	81
1535 HEPATITIS A ANTIBODY	2		2			11	3	16	34
1541 CHLAMYDIA A - C TRACHOMATIS	11		3			2	19	52	87
1556 CMV - CYTOMEGALOVIRUS	4		6	12	5	2	4	13	46
1563 CORONAVIRUS				1					1
1564 ROTAVIRUS	4	19	19		3	45		6	96
1599 ENTEROVIRUS TYPING PENDING			9		10	1	3		23
ROSS RIVER VIRUS							3		3
SMALL VIRUS (LIKE) PARTICLE				1					1
Total	398	58	119	201	118	288	150	205	1,537

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

PERIOD : 21/7/83 to 3/8/83 .... 83/16
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	Respiratory	Encephalitis	Meningitis	Paralysis	CNS other unspec	GI	Hepatic	CVS	Urinary	Skin/mucs memb
0101 ADENOVIRUS TYPE 1.....		3									
0102 ADENOVIRUS TYPE 2.....		3									
0103 ADENOVIRUS TYPE 3.....		1									
0104 ADENOVIRUS TYPE 4.....							1				
0105 ADENOVIRUS TYPE 5.....		3									
0131 ADENOVIRUS TYPE 31.....		1					1				
0201 INFLUENZA A VIRUS.....	4	31				1					
0202 INFLUENZA A VIRUS SUBTYPE H3N2		10		1							
0203 INFLUENZA B VIRUS.....	1	5									
0206 INFLUENZA A VIRUS SUBTYPE H1N1	1	8									
0301 PARAINFLUENZA VIRUS TYPE 1....		12									
0302 PARAINFLUENZA VIRUS TYPE 2....		1									
0303 PARAINFLUENZA VIRUS TYPE 3....		4									
0400 RESPIRATORY SYNCYTIAL VIRUS (RS).....	12	319			1		2				1
0500 RHINOVIRUS (ALL TYPES).....		40									
0600 MYCOPLASMA PNEUMONIAE.....	13	74		1			1				2
0700 ORNITHOSIS-PSITTACOSIS.....		1									
0901 COXSACKIEVIRUS B1.....	1										
0903 COXSACKIEVIRUS B3.....		1									
1011 ECHOVIRUS TYPE 11.....			2	3		1					
1014 ECHOVIRUS TYPE 14.....				1			3				
1015 ECHOVIRUS TYPE 15.....							2				
1022 ECHOVIRUS TYPE 22.....	2	1					3				
1031 ECHOVIRUS TYPE 31.....		1									
1101 POLIOVIRUS TYPE 1.....		1									
1102 POLIOVIRUS TYPE 2.....	1										
1103 POLIOVIRUS TYPE 3.....							1				
1104 POLIOVIRUS-VACCINAL STRAIN....							4				
1200 MUMPS VIRUS.....				2							
1301 HERPES SIMPLEX VIRUS NOT-TYPED											1
1302 EPSTEIN-BARR VIRUS (EB VIRUS).	2							4	1		
1303 VARICELLA-ZOSTER VIRUS.....		2								1	4
1306 HERPES SIMPLEX TYPE 1.....	2	7	2	2		1				2	49
1307 HERPES SIMPLEX TYPE 2.....	6										46
1401 COXIELLA BURNETI.....	1										
1515 CONTAGIOUS PUSTULAR DERMATITIS (ORF VIRUS).....											2
1521 MEASLES VIRUS.....	1		2								
1522 RUBELLA VIRUS.....	3										1
1532 HEPATITIS B ANTIGEN.....	44							32			
1535 HEPATITIS A ANTIBODY.....	2							32			
1541 CHLAMYDIA A - C.TRACHOMATIS...	1									1	
1556 CMV - CYTOMEGALOVIRUS.....	7	8				1	1			8	
1563 CORONAVIRUS.....							1				
1564 ROTAVIRUS.....	4						92				
9992 ROSS RIVER VIRUS.....		2									1
9994 SMALL VIRUS (LIKE) PARTICLE...							1				
Total.....	108	539	6	10	1	4	113	68	1	12	107

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

PERIOD : 21/7/83 to 3/8/83 ... 83/16
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	Genital	Endo/sal gland	RES	Muscle/joint	Congenital	PUO	Fever/malaise	Other	SIDS
0101 ADENOVIRUS TYPE 1.....									1	
0102 ADENOVIRUS TYPE 2.....							1			
0105 ADENOVIRUS TYPE 5.....			1							
0107 ADENOVIRUS TYPE 7.....	1									
0119 ADENOVIRUS TYPE 19.....		1								
0201 INFLUENZA A VIRUS.....					2		3	1		
0202 INFLUENZA A VIRUS SUBTYPE H3N2								3		
0203 INFLUENZA B VIRUS.....							1			
0206 INFLUENZA A VIRUS SUBTYPE H1N1							1			
0303 PARAINFLUENZA VIRUS TYPE 3....								1		
0400 RESPIRATORY SYNCYTIAL VIRUS (RS).....	1			1	1		3	3	1	1
0500 RHINOVIRUS (ALL TYPES).....								1		
0600 MYCOPLASMA PNEUMONIAE.....								9	1	
0700 ORNITHOSIS-PSITTACOSIS.....					1					
1011 ECHOVIRUS TYPE 11.....								1		
1015 ECHOVIRUS TYPE 15.....	1									
1101 POLIOVIRUS TYPE 1.....										1
1200 MUMPS VIRUS.....			1		1			1		
1301 HERPES SIMPLEX VIRUS NOT-TYPED									1	
1302 EPSTEIN-BARR VIRUS (EB VIRUS).			1	2				1	3	
1303 VARICELLA-ZOSTER VIRUS.....								1		
1306 HERPES SIMPLEX TYPE 1.....	7	31		2				6	2	
1307 HERPES SIMPLEX TYPE 2.....	2	248								
1401 COXIELLA BURNETI.....							1	1		
1521 MEASLES VIRUS.....						1				
1522 RUBELLA VIRUS.....								1	1	
1532 HEPATITIS B ANTIGEN.....					1			1	3	
1535 HEPATITIS A ANTIBODY.....								2	1	
1541 CHLAMYDIA A - C.TRACHOMATIS...	2	83								
1556 CMV - CYTOMEGALOVIRUS.....		5			1	4	3	5	7	
9992 ROSS RIVER VIRUS.....					2			1		
Total.....	14	368	3	5	9	5	13	39	21	2

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

REPORTING PERIOD - 4/8/83 - 17/8/83 BULLETIN NUMBER 83/17

VIRAL IDENTIFICATIONS FROM CONTRIBUTING LABORATORIES

VIRUS OR VIRAL ANTIGEN	ICPMR (NSW)/ WVH (ACT)	RAHC (NSW)	PHH/ POW (NSW)	FAIR-FIELD (VIC)	RCH (VIC)	IMVS (SA)	STATE LAB (QLD)	STATE LAB (WA)	Total
0100 ADENOVIRUS NOT TYPED	7	1			7	2	6	6	29
0101 ADENOVIRUS TYPE 1	1			2	1	3			7
0102 ADENOVIRUS TYPE 2				3	6	1			10
0103 ADENOVIRUS TYPE 3				3					3
0105 ADENOVIRUS TYPE 5				2	7	1			10
0106 ADENOVIRUS TYPE 6					2				2
0107 ADENOVIRUS TYPE 7	1				1	1			3
0108 ADENOVIRUS TYPE 8				2					2
0109 ADENOVIRUS TYPE 9				1					1
0111 ADENOVIRUS TYPE 11					1				1
0119 ADENOVIRUS TYPE 19	1					1		2	4
0199 ADENOVIRUS TYPING PENDING			7		4	1			12
0201 INFLUENZA A VIRUS	36	5	5			11	7	20	84
0202 INFLUENZA A VIRUS SUBTYPE H3N2	32			4	8		7		51
0203 INFLUENZA B VIRUS	2			1				2	5
0206 INFLUENZA A VIRUS SUBTYPE H1N1				9			3		12
0301 PARAINFLUENZA VIRUS TYPE 1			3	1	6	5	1	1	17
0302 PARAINFLUENZA VIRUS TYPE 2				1				1	2
0303 PARAINFLUENZA VIRUS TYPE 3				1	3	1	3	4	12
0399 PARAINFLUENZA VIRUS TYPING PENDING						1	1		2
0400 RESPIRATORY SYNCYTIAL VIRUS (RS)	51	30	8	34	53	90	11	2	279
0500 RHINOVIRUS (ALL TYPES)	1			3	13	4	11		32
0600 MYCOPLASMA PNEUMONIAE	35		11	10	2	13	33	5	109
0700 ORNITHOSIS-PSITTACOSIS	3								3
0809 COXSACKIEVIRUS A9							1		1
0816 COXSACKIEVIRUS A16				1					1
0899 COXSACKIEVIRUS GROUP A TYPING PENDING							1		1
0902 COXSACKIEVIRUS B2				4					4
0903 COXSACKIEVIRUS B3						1			1
0904 COXSACKIEVIRUS B4						1			1
0905 COXSACKIEVIRUS B5						1			1
1003 ECHOVIRUS TYPE 3								1	1
1011 ECHOVIRUS TYPE 11				6	4				10
1014 ECHOVIRUS TYPE 14			1					1	2
1015 ECHOVIRUS TYPE 15			1					1	2
1022 ECHOVIRUS TYPE 22			1						1
1101 POLIOVIRUS TYPE 1				1		1			2
1102 POLIOVIRUS TYPE 2				2				2	4
1103 POLIOVIRUS TYPE 3						2			2
1104 POLIOVIRUS-VACCINAL STRAIN					7				7
1199 POLIOVIRUS TYPING PENDING						1			1
1200 MUMPS VIRUS	3		3				1	2	9
1300 HERPES VIRUS GROUP-NOT TYPED	28		3	3		2		1	37
1301 HERPES SIMPLEX VIRUS NOT-TYPED							1	4	5
1302 EPSTEIN-BARR VIRUS (EB VIRUS)	13		1					9	23
1303 VARICELLA-ZOSTER VIRUS	5		3			2	1		11
1306 HERPES SIMPLEX TYPE 1	1			37		16	20	9	83
1307 HERPES SIMPLEX TYPE 2	100			63		13	75	46	297
1399 HERPES VIRUS TYPING PENDING			7		4	3			14
1401 COXIELLA BURNETI	3					1	6		10
1502 PICORNA VIRUS-NOT TYPED	7		4	1				4	16
1514 MOLLUSCUM CONTAGIOSUM						1			1
1521 MEASLES VIRUS	2								2
1522 RUBELLA VIRUS	1		1	1			5		8
1532 HEPATITIS B ANTIGEN	36		5	57		20	6	6	130
1535 HEPATITIS A ANTIBODY	5	1	1	14		10	5	11	47
1541 CHLAMYDIA A - C TRACHOMATIS	23		1				16	51	91
1556 CMV - CYTOMEGALOVIRUS	4		4	11	3	2	6	4	34
1564 ROTAVIRUS	12	21	18		4	33		4	92
1571 ENTEROVIRUS TYPE 71 (BRCR)					1				1
1599 ENTEROVIRUS TYPING PENDING			6		6				12
ROSS RIVER VIRUS							19		19
ASTROVIRUS		3							3
SMALL VIRUS (LIKE) PARTICLE		6				2			8
PARAMYXOVIRUS						1			1
ARBO. GROUP B. ...				1					1
Total	413	67	94	279	143	248	246	199	1,689

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

PERIOD : 4/8/83 to 17/8/83 .... 83/17

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	Respiratory	Encephalitis	Meningitis	Paralysis	CNS other unspec	GI	Hepatic	CVS	Urinary	Skin/mucs memb
0101 ADENOVIRUS TYPE 1.....		4					2				
0102 ADENOVIRUS TYPE 2.....		7					2				
0103 ADENOVIRUS TYPE 3.....		2									
0105 ADENOVIRUS TYPE 5.....		9									
0106 ADENOVIRUS TYPE 6.....		1									
0107 ADENOVIRUS TYPE 7.....		2									
0111 ADENOVIRUS TYPE 11.....		1									
0201 INFLUENZA A VIRUS.....	6	56	1			3	1	1			
0202 INFLUENZA A VIRUS SUBTYPE H3N2	6	22				1			1		
0203 INFLUENZA B VIRUS.....	1	3		1							
0206 INFLUENZA A VIRUS SUBTYPE H1N1		5		2							1
0301 PARAINFLUENZA VIRUS TYPE 1....		16									
0302 PARAINFLUENZA VIRUS TYPE 2....		1									
0303 PARAINFLUENZA VIRUS TYPE 3....	2	8		1							
0400 RESPIRATORY SYNCYTIAL VIRUS (RS).....	10	267					2				
0500 RHINOVIRUS (ALL TYPES).....	1	30									
0600 MYCOPLASMA PNEUMONIAE.....	20	77	1								1
0700 ORNITHOSIS-PSITTACOSIS.....	1	2									
0809 COXSACKIEVIRUS A9.....		1									
0816 COXSACKIEVIRUS A16.....				1							
0902 COXSACKIEVIRUS B2.....		3		2					1		
0905 COXSACKIEVIRUS B5.....	1										
1003 ECHOVIRUS TYPE 3.....						1					
1011 ECHOVIRUS TYPE 11.....		2		2			1				1
1014 ECHOVIRUS TYPE 14.....						1	1				
1015 ECHOVIRUS TYPE 15.....		1		1							
1022 ECHOVIRUS TYPE 22.....							1				
1101 POLIOVIRUS TYPE 1.....		2									
1102 POLIOVIRUS TYPE 2.....	1	1					1				
1103 POLIOVIRUS TYPE 3.....							1				
1104 POLIOVIRUS-VACCINAL STRAIN....		1					2				
1200 MUMPS VIRUS.....	4	1		2							
1300 HERPES VIRUS GROUP-NOT TYPED..		1									2
1301 HERPES SIMPLEX VIRUS NOT-TYPED	4										1
1302 EPSTEIN-BARR VIRUS (EB VIRUS).	4	1						3	1		
1303 VARICELLA-ZOSTER VIRUS.....	2			1		1					6
1306 HERPES SIMPLEX TYPE 1.....		7		1						1	39
1307 HERPES SIMPLEX TYPE 2.....	7										44
1401 COXIELLA BURNETI.....		3						1			
1521 MEASLES VIRUS.....		1									1
1522 RUBELLA VIRUS.....	1										6
1532 HEPATITIS B ANTIGEN.....	69							49			1
1535 HEPATITIS A ANTIBODY.....	5						1	41			
1556 CMV - CYTOMEGALOVIRUS.....	6	10				1		1		3	
1564 ROTAVIRUS.....							92				
1571 ENTEROVIRUS TYPE 71 (BRCR)....											1
9992 ROSS RIVER VIRUS.....	2										3
9993 ASTROVIRUS.....		1					2				
9994 SMALL VIRUS (LIKE) PARTICLE...							8				
9996 PARAMYXOVIRUS.....		1									
Total.....	153	550	2	14		8	117	96	3	4	107

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

PERIOD : 4/8/83 to 17/8/83 ... 83/17
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	Genital	Endo/sal gland	RES	Muscle/joint	Congenital	PUO	Fever/malaise	Other	SIDS
0101 ADENOVIRUS TYPE 1.....								1	1	
0102 ADENOVIRUS TYPE 2.....			1				1			
0103 ADENOVIRUS TYPE 3.....	1									
0105 ADENOVIRUS TYPE 5.....								1		
0106 ADENOVIRUS TYPE 6.....										1
0107 ADENOVIRUS TYPE 7.....	1									
0108 ADENOVIRUS TYPE 8.....	2									
0109 ADENOVIRUS TYPE 9.....								1		
0119 ADENOVIRUS TYPE 19.....	4									
0201 INFLUENZA A VIRUS.....	1		2		2		8	19	1	
0202 INFLUENZA A VIRUS SUBTYPE H3N2								21		2
0206 INFLUENZA A VIRUS SUBTYPE H1N1								6		
0301 PARAINFLUENZA VIRUS TYPE 1....			1					1		
0302 PARAINFLUENZA VIRUS TYPE 2....			1					1		
0303 PARAINFLUENZA VIRUS TYPE 3....										1
0400 RESPIRATORY SYNCYTIAL VIRUS (RS).....								4	1	
0500 RHINOVIRUS (ALL TYPES).....	1							1	1	3
0600 MYCOPLASMA PNEUMONIAE.....							5	18	2	
0816 COXSACKIEVIRUS A16.....								1		
0903 COXSACKIEVIRUS B3.....									1	
0904 COXSACKIEVIRUS B4.....										1
1011 ECHOVIRUS TYPE 11.....						1	2	1		
1014 ECHOVIRUS TYPE 14.....								1		
1102 POLIOVIRUS TYPE 2.....								1		1
1103 POLIOVIRUS TYPE 3.....										1
1104 POLIOVIRUS-VACCINAL STRAIN....						1				3
1200 MUMPS VIRUS.....					2			1		
1300 HERPES VIRUS GROUP-NOT TYPED..		1								
1302 EPSTEIN-BARR VIRUS (EB VIRUS).			10					2	4	
1303 VARICELLA-ZOSTER VIRUS.....	1							1		
1306 HERPES SIMPLEX TYPE 1.....	6	27						3	2	
1307 HERPES SIMPLEX TYPE 2.....	1	247								
1401 COXIELLA BURNETI.....					2		3	6		
1514 MOLLUSCUM CONTAGIOSUM.....		1								
1521 MEASLES VIRUS.....					1			1		
1522 RUBELLA VIRUS.....								2	1	
1532 HEPATITIS B ANTIGEN.....									9	
1535 HEPATITIS A ANTIBODY.....								1		
1541 CHLAMYDIA A - C.TRACHOMATIS...		91								
1556 CMV - CYTOMEGALOVIRUS.....		2			1	1	2	2	6	1
9992 ROSS RIVER VIRUS.....					17			3		
9998 ARBO. GROUP B.								1		
Total.....	18	369	15		25	3	21	101	29	14

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

REPORTING PERIOD - 18/8/83 - 31/8/83 BULLETIN NUMBER 83/18

VIRAL IDENTIFICATIONS FROM CONTRIBUTING LABORATORIES

VIRUS OR VIRAL ANTIGEN	ICPMR (NSW)/ WVH (ACT)	RAHC (NSW)	PHH/ POW (NSW)	FAIR-FIELD (VIC)	RCH (VIC)	IMVS (SA)	STATE LAB (QLD)	STATE LAB (WA)	Total
0100 ADENOVIRUS NOT TYPED		3	1				7	3	14
0101 ADENOVIRUS TYPE 1				4		3			7
0102 ADENOVIRUS TYPE 2				1		2			3
0103 ADENOVIRUS TYPE 3				4					4
0105 ADENOVIRUS TYPE 5						3			3
0107 ADENOVIRUS TYPE 7						1			1
0110 ADENOVIRUS TYPE 10								1	1
0119 ADENOVIRUS TYPE 19	2			1					3
0199 ADENOVIRUS TYPING PENDING			3		6	3			12
0201 INFLUENZA A VIRUS	24	1	4	3	2	15	13	27	89
0202 INFLUENZA A VIRUS SUBTYPE H3N2	22			7	3	1	11		44
0203 INFLUENZA B VIRUS	3							1	4
0206 INFLUENZA A VIRUS SUBTYPE H1N1				10			2		12
0301 PARAINFLUENZA VIRUS TYPE 1			1	1	4	3		2	11
0303 PARAINFLUENZA VIRUS TYPE 3	2			1	4	1	1	3	12
0399 PARAINFLUENZA VIRUS TYPING PENDING						2			2
0400 RESPIRATORY SYNCYTIAL VIRUS (RS)	26	20	4	24	32	73	11	19	209
0500 RHINOVIRUS (ALL TYPES)	9			3	7	12	6	1	38
0600 MYCOPLASMA PNEUMONIAE	24		4	11	10	14	13	5	81
0700 ORNITHOSIS-PSITTACOSIS	1			1				1	3
0803 COXSACKIEVIRUS A3				1					1
0809 COXSACKIEVIRUS A9					1		1		2
0899 COXSACKIEVIRUS GROUP A TYPING PENDING							1		1
0902 COXSACKIEVIRUS B2				2	3				5
0903 COXSACKIEVIRUS B3				1	2				3
1001 ECHOVIRUS TYPE 1			1						1
1002 ECHOVIRUS TYPE 2			1						1
1003 ECHOVIRUS TYPE 3								1	1
1004 ECHOVIRUS TYPE 4			1						1
1005 ECHOVIRUS TYPE 5				1					1
1011 ECHOVIRUS TYPE 11	1		2	3	5				11
1014 ECHOVIRUS TYPE 14			1						1
1015 ECHOVIRUS TYPE 15			1						1
1020 ECHOVIRUS TYPE 20				1					1
1021 ECHOVIRUS TYPE 21								1	1
1022 ECHOVIRUS TYPE 22			1				1		2
1025 ECHOVIRUS TYPE 25							1		1
1101 POLIOVIRUS TYPE 1	1								1
1102 POLIOVIRUS TYPE 2	3					2		2	7
1103 POLIOVIRUS TYPE 3								1	1
1104 POLIOVIRUS-VACCINAL STRAIN					7		1		8
1200 MUMPS VIRUS	4						1	1	6
1300 HERPES VIRUS GROUP-NOT TYPED	24					12			36
1301 HERPES SIMPLEX VIRUS NOT-TYPED		1		6				1	8
1302 EPSTEIN-BARR VIRUS (EB VIRUS)	12	1	2			1		7	23
1303 VARICELLA-ZOSTER VIRUS	2		1	1			1		5
1306 HERPES SIMPLEX TYPE 1	17		9	30		15	22	15	108
1307 HERPES SIMPLEX TYPE 2	102		34	75		19	48	66	344
1399 HERPES VIRUS TYPING PENDING			5		6	11			22
1401 COXIELLA BURNETI	1					1	3		5
1502 PICORNA VIRUS-NOT TYPED	7								7
1521 MEASLES VIRUS	1			4		2			7
1522 RUBELLA VIRUS	2		3	1			5		11
1532 HEPATITIS B ANTIGEN	52		7	21	3	26	7	13	129
1535 HEPATITIS A ANTIBODY	3		1	2		4	1	17	28
1541 CHLAMYDIA A - C TRACHOMATIS	20		1		1	5	23	54	104
1556 CMV - CYTOMEGALOVIRUS	7		2	16	3	2	6	7	43
1564 ROTAVIRUS		10	13	3		24		10	60
1599 ENTEROVIRUS TYPING PENDING			3		5	3		1	12
ROSS RIVER VIRUS							11		11
ASTROVIRUS		2							2
SMALL VIRUS (LIKE) PARTICLE		5							5
Total	372	43	106	239	104	260	197	260	1,581

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

PERIOD : 18/8/83 to 31/8/83 .... 83/18
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	Respiratory	Encephalitis	Meningitis	Paralysis	CNS other unspec	GI	Hepatic	CVS	Urinary	Skin/mucs memb
0100 ADENOVIRUS NOT TYPED.....		1					1				
0101 ADENOVIRUS TYPE 1.....		6					1				1
0102 ADENOVIRUS TYPE 2.....		2					1				
0103 ADENOVIRUS TYPE 3.....		2		1							
0105 ADENOVIRUS TYPE 5.....		3									
0107 ADENOVIRUS TYPE 7.....		1									
0199 ADENOVIRUS TYPING PENDING.....		1									
0201 INFLUENZA A VIRUS.....	5	60	1			3	1	1			1
0202 INFLUENZA A VIRUS SUBTYPE H3N2	4	28									
0203 INFLUENZA B VIRUS.....	2	2									
0206 INFLUENZA A VIRUS SUBTYPE H1N1		7		4							
0301 PARAINFLUENZA VIRUS TYPE 1....		11									
0303 PARAINFLUENZA VIRUS TYPE 3....		11			1						
0400 RESPIRATORY SYNCYTIAL VIRUS (RS).....	7	198		1							1
0500 RHINOVIRUS (ALL TYPES).....	1	38		1							
0600 MYCOPLASMA PNEUMONIAE.....	7	65									
0700 ORNITHOSIS-PSITTACOSIS.....		3									
0803 COXSACKIEVIRUS A3.....		1									
0809 COXSACKIEVIRUS A9.....		1		1							
0902 COXSACKIEVIRUS B2.....		2		1			2				1
0903 COXSACKIEVIRUS B3.....		1					1				
1001 ECHOVIRUS TYPE 1.....							1				
1003 ECHOVIRUS TYPE 3.....				1							
1011 ECHOVIRUS TYPE 11.....	1	1	1	4		1	1				
1014 ECHOVIRUS TYPE 14.....							1				
1015 ECHOVIRUS TYPE 15.....				1							
1020 ECHOVIRUS TYPE 20.....							1				1
1021 ECHOVIRUS TYPE 21.....	1										
1022 ECHOVIRUS TYPE 22.....		1					1				
1025 ECHOVIRUS TYPE 25.....		1									
1101 POLIOVIRUS TYPE 1.....	1										
1102 POLIOVIRUS TYPE 2.....	2	3				1					
1103 POLIOVIRUS TYPE 3.....		1									
1104 POLIOVIRUS-VACCINAL STRAIN....		3					4				
1200 MUMPS VIRUS.....	1	1									
1301 HERPES SIMPLEX VIRUS NOT-TYPED		4									3
1302 EPSTEIN-BARR VIRUS (EB VIRUS).	6						1	1			1
1303 VARICELLA-ZOSTER VIRUS.....	1										3
1306 HERPES SIMPLEX TYPE 1.....	5	9		1						3	43
1307 HERPES SIMPLEX TYPE 2.....	11	2	1								43
1399 HERPES VIRUS TYPING PENDING...											1
1401 COXIELLA BURNETI.....		1									
1521 MEASLES VIRUS.....		2				1					5
1522 RUBELLA VIRUS.....	2										6
1532 HEPATITIS B ANTIGEN.....	70							48			
1535 HEPATITIS A ANTIBODY.....	2							26			
1541 CHLAMYDIA A - C.TRACHOMATIS...		1									
1558 CMV - CYTOMEGALOVIRUS.....	7	10						1		6	1
1564 ROTAVIRUS.....	1	3					56				
9992 ROSS RIVER VIRUS.....	2	1									4
9993 ASTROVIRUS.....							2				
9994 SMALL VIRUS (LIKE) PARTICLE...							3				
Total.....	139	488	3	16	1	6	78	77		9	115

AUSTRALIA - COMMUNICABLE DISEASES INTELLIGENCE

PERIOD : 18/8/83 to 31/8/83 ... 83/18
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	Genital	Endo/sal gland	RES	Muscle/joint	Congenital	PUO	Fever/malaise	Other	SIDS
0100 ADENOVIRUS NOT TYPED.....					1					
0103 ADENOVIRUS TYPE 3.....	1							2		
0110 ADENOVIRUS TYPE 10.....	1									
0119 ADENOVIRUS TYPE 19.....	1	2								
0201 INFLUENZA A VIRUS.....			2		8		2	23	3	
0202 INFLUENZA A VIRUS SUBTYPE H3N2								10	1	1
0203 INFLUENZA B VIRUS.....								1		
0206 INFLUENZA A VIRUS SUBTYPE H1N1								6		
0303 PARAINFLUENZA VIRUS TYPE 3....							1			
0400 RESPIRATORY SYNCYTIAL VIRUS (RS).....	1							3		
0500 RHINOVIRUS (ALL TYPES).....										1
0600 MYCOPLASMA PNEUMONIAE.....			1		2		1	14	1	
0700 ORNITHOSIS-PSITTACOSIS.....							1			
0903 COXSACKIEVIRUS B3.....								1		
1002 ECHOVIRUS TYPE 2.....								1		
1004 ECHOVIRUS TYPE 4.....	1									
1005 ECHOVIRUS TYPE 5.....								1		
1011 ECHOVIRUS TYPE 11.....							1	1		1
1102 POLIOVIRUS TYPE 2.....								1		1
1104 POLIOVIRUS-VACCINAL STRAIN....										3
1200 MUMPS VIRUS.....			4					2		
1300 HERPES VIRUS GROUP-NOT TYPED..									1	
1301 HERPES SIMPLEX VIRUS NOT-TYPED		2						1	1	
1302 EPSTEIN-BARR VIRUS (EB VIRUS).			7	1				3	4	
1303 VARICELLA-ZOSTER VIRUS.....		1						1		
1306 HERPES SIMPLEX TYPE 1.....	7	38						5	1	
1307 HERPES SIMPLEX TYPE 2.....		294						1	2	
1401 COXIELLA BURNETI.....							1	3	1	
1522 RUBELLA VIRUS.....					1	1		3	1	
1532 HEPATITIS B ANTIGEN.....					1				9	
1541 CHLAMYDIA A - C.TRACHOMATIS...		103								
1556 CMV - CYTOMEGALOVIRUS.....		4	1	1		7	1	5	6	
1564 ROTAVIRUS.....									2	
9992 ROSS RIVER VIRUS.....					9			1		
9994 SMALL VIRUS (LIKE) PARTICLE...									1	
Total.....	12	444	15	2	22	8	8	89	34	7

NOTIFIABLE DISEASES REPORTED IN AUSTRALIA

Weeks 1 - 20.
(1 January to 21 May 1983)

Bulletin 83/19

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	4	5	6	2				18	18
Ankylostomiasis			3		23				26	26
Anthrax									—	—
Arbovirus infection	1								1	1
Brucellosis	5	1	3	1	1				11	11
Campylobacter infections	272	N.N.	N.N.	318	N.N.	N.N.	2	N.N.	592	592
Chancroid	1		3	N.N.		N.N.	N.N.		4	4
Cholera			3						3	3
Congenital rubella syndrome		N.N.	N.N.		N.N.	N.N.	N.N.	N.N.	—	—
Diphtheria									—	—
Donovanosis		N.N.	25	N.N.	8	N.N.	11		44	44
Giardiasis	81	N.N.	N.N.	275	N.N.	N.N.	N.N.	N.N.	356	356
Genital herpes	547	N.N.	298	26	N.N.	N.N.	6	N.N.	877	877
Gonococcal ophthalmia neonatorum	1	N.N.			N.N.	N.N.	2	N.N.	3	3
Gonorrhoea	1713	1330	633	388	793	53	261	35	5206	5206
Hepatitis A (infectious)	94	115	72	42	15	15	33	11	397	397
Hepatitis B (serum)	112	118	39	29	5	1	4	8	316	316
Hepatitis - unspecified	70	N.N.		4	48	N.N.	9	1	132	132
Hydatid disease								1	1	1
Lassa Fever			N.N.			N.N.	N.N.	N.N.	—	—
Legionnaires disease		1	N.N.	3	N.N.	N.N.	N.N.	N.N.	4	4
Leprosy	13	1	5	2	9	1		1	32	32
Leptospirosis	1	12	29	1	1				44	44
Lymphogranuloma venereum	2	N.N.	N.N.	N.N.	N.N.	N.N.	2		4	4
Malaria	50	25	90	17	14		11	5	212	212
Marburg Disease			N.N.			N.N.	N.N.	N.N.	—	—
Meningococcal infections	9	2	8	4	1	N.N.			24	24
Non-specific urethritis	1665	N.N.	N.N.	449	N.N.	N.N.	N.N.	N.N.	2114	2114
Ornithosis		2		6			3		11	11
Pertussis (whooping cough)	55	73	N.N.	10	N.N.	N.N.	4	N.N.	142	142
Plague									—	—
Poliomyelitis									—	—
Q. fever	9	4	36	3	N.N.		N.N.		52	52
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	716	132	216	281	62	58	193	23	1681	1681
Shigella infections	30	14	24	36	39	7	77	1	228	228
Smallpox									—	—
Syphilis	410	68	157	41	103		182	5	966	966
Tetanus			1						1	1
Trachoma		N.N.	2		N.N.	N.N.			2	2
Tuberculosis (all forms)		102	60	41	58		8	9	278	278
Typhoid fever	2	1	3	1					7	7
Typhus (all forms)			4						4	4
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