

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICEBULLETIN 17

12 August-25 August

This Bulletin contains the following:-

- (a) Laboratory Reporting Service statistics for the period 29 July 1977 to 11 August 1977 which were omitted from Bulletin 16.
- (b) Laboratory Reporting Service statistics for period 17.
- (c) Notifiable Diseases statistics for period 17.

It has been noted that a significant number of forms from the laboratories are being posted without sufficient wrapping, and the Postal Departments are needing to repair them. The assistance of contributors in helping to alleviate this problem would be appreciated.

A CASE OF INFLUENZA A (contributed by Fairfield Hospital)

Another isolation of influenza A virus has been made during August from a patient admitted to Fairfield Hospital. Clinically, a 39 year old man presented with high fever, dry cough and chest pain, there was an association with budgerigars and atypical pneumonia was diagnosed. The condition resolved within a few days and a strain of influenza A virus, which has not yet been fully characterised, was isolated from pooled nose and throat swabs. Sera from the patient taken 7 days apart showed a rise in CF titre from 1:4 to 1:64. The patient had not been overseas recently.

OUTBREAK OF INFLUENZA B IN BOARDING SCHOOL (contributed by Fairfield Hospital)

An outbreak of febrile illness with rapid pulse, headache, sore throat, dry cough and nausea occurred in a boarding school 70 km from Melbourne. It began on the 18th July and in 3 weeks involved 76 children between the ages of 6 and 16 years. Throat swabs were examined from four patients from one of whom Influenza B virus was isolated.

A CASE OF ECZEMA VACCINATUM (contributed by Fairfield Hospital)

An 18 year old girl with a past history of eczema and episodes of swelling and flushing of her face associated with stress, was admitted to Fairfield Hospital recently with eczema

vaccinatum. She had had no eczema for about 1 year and was not on treatment, when 8 days before admission she was vaccinated against smallpox prior to travelling overseas. Five days later she developed vesicles on her face in the area of previous symptoms and she was treated with anti-histamines and oral steroids and settled quickly. Vesicle fluid was examined by electron microscopy but secondary Staphylococcal infection made the specimen unsatisfactory. CPE was noted first in MEK cells after 5 days and poxvirus visualized by electron microscopy. A neutralization test confirmed the virus as vaccinia.

U.S. OUTBREAK OF SALMONELLA NEWPORT TRANSMITTED BY PRE-COOKED BEEF

Details of this outbreak, of which Australian beef was originally named as a cause, were given in MMWR of 26 August. As we do not have any exchange of material arrangement, we cannot reproduce this article; however readers might like to know of it.

A CASE OF INFLUENZA A (Contributed by Fairfield Hospital)

Another isolation of influenza A virus has been made during August from a patient admitted to Fairfield Hospital. Clinically, a 38 year old man presented with high fever, dry cough and chest pain. There was an association with leukopenia and atypical pneumonia was suggested. The condition resolved within a few days and a strain of influenza A virus, which has not yet been fully characterized, was isolated from pooled nose and throat swabs. Sera from the patient taken 7 days earlier showed a rise in titre from 1:10 to 1:100. The patient has not been overseas recently.

OUTBREAK OF INFLUENZA B IN BOARDING SCHOOL (Contributed by Fairfield Hospital)

An outbreak of febrile illness with rapid pulse, head ache, sore throat, dry cough and nausea occurred in a boarding school 70 km from Melbourne. It began on the 18th July and in 3 weeks involved 75 children between the ages of 6 and 18 years. Throat swabs were examined from four patients, two of whom influenza B virus was isolated.

A CASE OF ECZEMA VACCINATUM (Contributed by Fairfield Hospital)

An 18 year old girl with a past history of eczema and episodes of swelling and itching of her face associated with stress, was admitted to Fairfield Hospital recently with eczema

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

PERIOD 16
 DATES 29 July '77 to 11 Aug. '77

LABORATORY

VIRUS OR VIRAL ANTIGEN	BRISBANE STATE LAB.	SYDNEY/CANBERRA			MELBOURNE		ADELAIDE	PERTH STATE LAB.	TOTAL
		ICPMR/WVH	RAHC	PHH/POW	FAIR-FIELD	RCH	IMVS		
0100 Adenovirus not typed	2						1	7	10
0101 " type 1							1	1	2
0102 " " 2				2			1	1	4
0103 " " 3				1	2				3
0104 " " 4							1		1
0105 " " 5		1				1		2	4
0106 " " 6		1							1
0107 " " 7	1	1		1	1			1	5
0108 " " 8					4				4
0119 " " 19								2	2
0201 Influenza A virus	1	6		1			2		10
0202 " A virus subtype H3N2 (former A2)	17				1				18
0203 " B virus					1				1
0301 Parainfluenza virus type 1	7					9	1	13	30
0302 " " " 2	2				1			5	8
0303 " " " 3	1				1			3	5
0400 Respiratory syncytial virus (RS)	3	16	3		8	25	5	5	65
0500 Rhinovirus (all types)	1				7	3		3	14
0600 Mycoplasma pneumoniae	9	4			5			2	20
0700 Ornithosis-psittacosis		1			1		1		3
0816 Coxsackievirus A16	3								3
0902 " B2							1		1
							.../2		

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

PERIOD 16
 DATES 29-7-'77 - 11-8-'77

LABORATORY

VIRUS OR VIRAL ANTIGEN	BRISBANE STATE LAB.	SYDNEY/CANBERRA			MELBOURNE		ADELAIDE	PERTH STATE LAB.	TOTAL
		ICPMR/ WVH	RAHC	PHH/POW	FAIR- FIELD	RCH	IMVS		
0903 Coxsackievirus B3					1		1		2
0904 " B4					1				1
1004 Echovirus type 4								1	1
1005 " " 5				3					3
1006 " " 6					4	1	1	1	7
1009 " " 9	1	2					4		7
1017 " " 17					4		2		6
1018 " " 18				1		1			2
1022 " " 22		1		1		3			5
1025 " " 25					1				1
1028 " " 28 = Rhinovirus		1							1
1101 Poliovirus type 1	1	2							3
1102 " " 2			1			3			4
1103 " " 3							1		1
1200 Mumps virus	2	1			4	1	3		11
1300 Herpes virus not typed					1		3		4
1301 " simplex virus - not typed	13	7	2	6		2			30
1302 Epstein-Barr virus (EB virus)					1				1
1303 Varicella-Zoster virus		1						1	2
1306 Herpes simplex type 1		13			8		14		35
1307 " " 2		6			6		10		22
1401 Coxiella burneti	23	23					3	1	50
1512 Vaccinia virus					1				1

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NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

PERIOD 16
 DATES 29-7-'77 to 11-8-'77

LABORATORY

VIRUS OR VIRAL ANTIGEN	BRISBANE STATE LAB.	SYDNEY/CANBERRA			MELBOURNE		ADELAIDE	PERTH STATE LAB.	TOTAL
		ICPMR/WVH	RAHC	PHH/POW	FAIR-FIELD	RCH	IMVS		
1521 Measles virus		2			1				3
1522 Rubella virus					2			1	3
1532 Hepatitis B antigen	7	5	1	15	31		2	8	69
1533 " B antibody	6		1				13	1	21
1541 TRIC - Trachoma-Inclusion) conjunctivitis)							1	3	4
1555 Papovavirus group (papilloma - human wart)							1		1
1556 CMV - cytomegalovirus	4	5			1	2	2	3	17
1563 Coronavirus							4		4
1564 Rotavirus		13		1	6		27	14	61
Dengue	1								1
Ross River	5								5
TOTAL TYPED VIRUSES	110	112	8	32	105	51	106	79	603
0199 Adenovirus type pending			1			5	1		7
0399 Parainfluenza virus type pending		1					1		2
1099 Echovirus type pending		1							1
1399 Herpes virus type pending								21	21
1599 Enterovirus type pending			3				5		8

PERIOD 16

DATES 29-7-'77 to 11-8-'77

SOURCE OF SPECIMEN

VIRUS OR VIRAL ANTIGEN	FA	BL	NA	CS	SK	EY	UR	GE	BR	OT	TOTAL
0100 Adenovirus not typed	6	2	1					1			10
0101 " type 1			2								2
0102 " " 2	3		1								4
0103 " " 3	2		1								3
0104 " " 4			1								1
0105 " " 5	2		2								4
0106 " " 6	1										1
0107 " " 7	3		3								6
0108 " " 8						4					4
0119 " " 19						1		1			2
0201 Influenza A virus		5	5								10
0202 " . A virus subtype H3N2) (former A2))		1	18								19
0203 " B virus			1								1
0301 Parainfluenza virus type 1		2	28								30
0302 " B subtype " 2			8								8
0303 " B subtype " 3		3	2								5
0400 Respiratory syncytial virus (RS)		5	58							1	64
0500 Rhinovirus (all types)			14								14
0600 Mycoplasma pneumoniae		20									20
0700 Ornithosis-psittacosis		3									3
0816 Coxsackievirus A16					3						3
0902 " B2		1									1
0903 " B3		1									1
0904 " B4	1										1

PERIOD 16

DATES 29-7-'77 to 11-8-'77

SOURCE OF SPECIMEN

VIRUS OR VIRAL ANTIGEN	SOURCE OF SPECIMEN										TOTAL	
	FA	BL	NA	CS	SK	EY	UR	GE	BR	OT		
1004 Echovirus type 4				1								1
1005 " " 5	3											3
1006 " " 6	4		3	1								8
1009 " " 9	2		5									7
1017 " " 17	5		1									6
1018 " " 18	2		1									3
1022 " " 22	3		1	1								5
1025 " " 25			1									1
1028 " " 28 = Rhinovirus			1									1
1101 Poliovirus type 1	1		2									3
1102 " " 2	1	1						1				3
1103 " " 3	1											1
1200 Mumps virus		6	3	1				1				11
1300 Herpes virus not typed					3			1				4
1301 " simplex virus - not typed		1	8		4	2		16				31
1302 Epstein-Barr virus (EB virus)		1										1
1303 Varicella-Zoster virus		1			1							2
1306 Herpes simplex type 1			10		6	3		12	1			32
1307 " " " 2					2			20				22
1401 Coxiella burneti		49										49
1512 Vaccinia virus					1							1
1521 Measles virus		3										3
1522 Rubella virus		3										3
1532 Hepatitis B antigen		68										68
1533 " B antibody		20										20
								.../6				

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

PERIOD 17
 DATES 12-8-'77 to 25-8-'77

LABORATORY

VIRUS OR VIRAL ANTIGEN	BRISBANE STATE LAB.	SYDNEY/CANBERRA			MELBOURNE		ADELAIDE	PERTH STATE LAB.	TOTAL
		ICPMR/WVH	RAHC	PHH/POW	FAIR-FIELD	RCH	IMVS		
0100 Adenovirus not typed	3	1		2	3		2	5	16
0101 " type 1		2							2
0102 " " 2		1					1	3	5
0103 " " 3				1			1		2
0105 " " 5				1	1		1		3
0107 " " 7				1				1	2
0108 " " 8		1			2				3
0201 Influenza A virus	5	16		13			1		35
0202 " A virus subtype H3N2 (former A2)	55				5				60
0203 " B virus				1					1
0301 Parainfluenza virus type 1	2						1	1	5
0302 " " " 2							1	1	4
0303 " " " 3								4	4
0304 " " " 4					2				2
0400 Respiratory syncytial virus (RS)		4	1		5	16	11	3	40
0500 Rhinovirus (all types)	4	1			3	3	2		13
0600 Mycoplasma pneumoniae		4	2		2		4	5	17
0700 Ornithosis-psittacosis					2		2		4
0800 Coxsackievirus group A - not typed	1								1
0809 " A9							1	1	2
0816 " A16							1		1
0902 " B2							1		1
							.../2		

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

PERIOD 17
 DATES 12-8-'77 to 25-8-'77

LABORATORY

VIRUS OR VIRAL ANTIGEN	BRISBANE STATE LAB.	SYDNEY/CANBERRA			MELBOURNE		ADELAIDE	PERTH STATE LAB.	TOTAL
		ICPMR/ WVH	RAHC	PHH/POW	FAIR-FIELD	RCH	IMVS		
0903 Coxsackievirus B3					3	1	3		3
0904 " B4					2	3	1		1
0905 " B5					5		1	2	3
1006 Echovirus 6					6		3	3	12
1009 " 9		1					2	2	5
1011 " 11							1		1
1017 " 17					2				2
1021 " 21	1							1	1
1022 " 22		1					1		2
1023 " 23	1								1
1027 " 27	1	1							2
1028 " 28 = Rhinovirus		1							1
1101 Poliovirus type 1					1	1			2
1102 " " 2								1	1
1103 " " 3					1				1
1104 " vaccinal strain				3					3
1200 Mumps virus	1	1		1		1	2		6
1300 Herpes virus not typed		1			1				2
1301 " simplex virus - not typed	11	4		6		3	1		25
1302 Epstein-Barr virus (EB virus)					1				1
1303 Varicella-Zoster virus	1	1			1		2	2	7
1306 Herpes simplex type 1		7			5		9		21
1307 " " " 2		18			6		6		30

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

PERIOD 17
 DATES 12-8-'77 to 25-8-'77

LABORATORY

VIRUS OR VIRAL ANTIGEN	BRISBANE STATE LAB.	SYDNEY/CANBERRA			MELBOURNE		ADELAIDE	PERTH STATE LAB.	TOTAL
		ICPMR/ WVH	RAHC	PHH/POW	FAIR-FIELD	RCH	IMVS		
1401 Coxiella burneti	13	5						2	20
1512 Vaccinia virus					1				1
1515 Contagious pustular dermatitis (Orf virus)							1		1
1521 Measles virus	1	1		1	1		2		6
1522 Rubella virus		2			6			1	9
1532 Hepatitis B antigen	5	7		11	26		3	3	55
1533 " B antibody	7						7	7	21
1556 CMV - cytomegalovirus	2	4		3		3	4	4	20
1562 Reovirus (all types)		1							1
1563 Coronavirus				1			8		9
1564 Rotavirus				8			28	10	46
Ross River	2							1	3
TOTAL TYPED VIRUSES	116	86	3	53	83	29	115	63	548
0199 Adenovirus type pending		3	1			2	4		10
0299 Influenza virus type pending		4							4
0599 Rhinovirus type pending	1								1
0899 Coxsackievirus group A type pending		1							1
1099 Echovirus type pending		1	1						2
1399 Herpes virus type pending								22	22
1599 Enterovirus type pending	1					1	5		7

PERIOD 17
 DATES 12-8-'77 to 25-8-'77

SOURCE OF SPECIMEN

VIRUS OR VIRAL ANTIGEN		FA	BL	NA	CS	SK	EY	UR	GE	BR	OT	TOTAL
0905	Coxsackievirus B5		2	1								3
1006	Echovirus 6	4		4	6							14
1009	" 9	2		2	1							5
1011	" 11	1										1
1017	" 17	1		1								2
1021	" 21	1		1								2
1022	" 22	1			1							2
1023	" 23										1	1
1027	" 27	1		1								2
1028	" 28 = Rhinovirus			1								1
1101	Poliovirus type 1			1				1				2
1102	" " 2	1										1
1103	" " 3			1								1
1104	" vaccinal strain	3										3
1200	Mumps virus		3	2				1				6
1300	Herpes virus not typed					2						2
1301	" simplex virus - not typed			8		7	2	1	8		1	27
1302	Epstein-Barr virus (EB virus)		1									1
1303	Varicella-Zoster virus		4			3						7
1306	Herpes simplex type 1		2	3		10	2		4	1	1	23
1307	" " " 2				1	2			28			31
1401	Coxiella burneti		20									20
1512	Vaccinia virus					1						1
1515	Contagious pustular dermatitis) (Orf virus))					1						1
1521	Measles virus		6		2							8

LIST B COMMUNICABLE DISEASES AND AGENTS NOTIFIED AFTER HOSPITAL AND LABORATORY DIAGNOSIS

DISEASES	CASES NOTIFIED DURING WEEK								CUMULATIVE TOTAL - year to date*							
	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.
AMOEBIASIS	N.N.								N.N.	5	16	1	4			
ANKYLOSTOMIASIS	N.N.								N.N.		4		15			214
ARBO VIRUS INFECTION			N.N.		N.N.						N.N.		N.N.			
DENGUE					N.N.						1		N.N.			
MURRAY VALLEY ENCEPHALITIS			N.N.	N.N.	N.N.		N.N.				N.N.	N.N.	N.N.		N.N.	
OTHER (STATE TYPE)				N.N.	N.N.		N.N.					N.N.	N.N.		N.N.	
HYDATID									7	1	1	2	1			
MALARIA	4	1	1		1				42	28	37	14	15	1	5	6
ORNITHOSIS (PSITTACOSIS, etc)													1			
Q. FEVER							N.N.		114		167	4				N.N.
SALMONELLA (LABORATORY ISOLATES)	33		1	3	13	3	1	2	461	68	48	158	163	39	26	40
SHIGELLA (LABORATORY ISOLATES)	N.N.							4	N.N.		58	52			4	137

N.N. - NOT NOTIFIABLE

* - INCLUDES ADJUSTMENTS FOR REVISED DIAGNOSIS OR OTHER AMENDMENT.

29 JUL 1977

29. 7. '77

LIST B COMMUNICABLE DISEASES AND AGENTS NOTIFIED AFTER HOSPITAL AND LABORATORY DIAGNOSIS

DISEASES	CASES NOTIFIED DURING WEEK								CUMULATIVE TOTAL - year to date*							
	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.
AMOEBIASIS	N.N.			1					N.N.	5	16	2	4			
ANKYLOSTOMIASIS	N.N.								N.N.		4		15			214
ARBO VIRUS INFECTION			N.N.		N.N.						N.N.		N.N.			
DENGUE					N.N.						1		N.N.			
MURRAY VALLEY ENCEPHALITIS			N.N.	N.N.	N.N.		N.N.				N.N.	N.N.	N.N.		N.N.	
OTHER (STATE TYPE)				N.N.	N.N.		N.N.					N.N.	N.N.		N.N.	
HYDATID									7	1	1	2	1			
MALARIA	2	2							44	30	37	14	15	1	5	6
ORNITHOSIS (PSITTACOSIS, etc)		1								1			1			
Q. FEVER							N.N.		114		167	4			N.N.	
SALMONELLA (LABORATORY ISOLATES)	2	4	2	2	2	2	1	3	463	72	50	160	165	41	27	43
SHIGELLA (LABORATORY ISOLATES)	N.N.							3	N.N.		58	52			4	140

N.N. - NOT NOTIFIABLE

* INCLUDES ADJUSTMENTS FOR REVISED DIAGNOSIS OR OTHER AMENDMENT.

Qld. (+) - monthly notification of gonorrhoea and syphilis.

5. 8. '77

LIST B COMMUNICABLE DISEASES AND AGENTS NOTIFIED AFTER HOSPITAL AND LABORATORY DIAGNOSIS

DISEASES	CASES NOTIFIED DURING WEEK								CUMULATIVE TOTAL - year to date*							
	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.
AMOEBIASIS	N.N.			1					N.N.	5	16	3	4			
ANKYLOSTOMIASIS	N.N.								N.N.		4		15			214
ARBO VIRUS INFECTION			N.N.		N.N.						N.N.		N.N.			
DENGUE					N.N.						1		N.N.			
MURRAY VALLEY ENCEPHALITIS			N.N.	N.N.	N.N.		N.N.				N.N.	N.N.	N.N.		N.N.	
OTHER (STATE TYPE)				N.N.	N.N.		N.N.					N.N.	N.N.		N.N.	
HYDATID	1								8	1	1	2	1			
MALARIA			1		1				44	30	38	14	16	1	5	6
ORNITHOSIS (PSITTACOSIS, etc)										1						
Q. FEVER	2			3			N.N.		116		167				N.N.	
SALMONELLA (LABORATORY ISOLATES)	1	1		4	10	6	1	2	464	73	50	164	175	47	27	45
SHIGELLA (LABORATORY ISOLATES)	N.N.		2						N.N.		60	52			4	140

N.N. - NOT NOTIFIABLE

* - INCLUDES ADJUSTMENTS FOR REVISED DIAGNOSIS OR OTHER AMENDMENT.

Director-General of Health

12. 8. '77

LIST B COMMUNICABLE DISEASES AND AGENTS NOTIFIED AFTER HOSPITAL AND LABORATORY DIAGNOSIS

DISEASES	CASES NOTIFIED DURING WEEK								CUMULATIVE TOTAL - year to date*							
	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.
AMOEBIASIS	N.N.								N.N.	5	16	3	4			
ANKYLOSTOMIASIS	N.N.								N.N.		4		15			214
ARBO VIRUS INFECTION			N.N.		N.N.						N.N.		N.N.			
DENGUE					N.N.						1		N.N.			
MURRAY VALLEY ENCEPHALITIS			N.N.	N.N.	N.N.		N.N.				N.N.	N.N.	N.N.		N.N.	
OTHER (STATE TYPE)				N.N.	N.N.		N.N.					N.N.	N.N.		N.N.	
HYDATID									8	1	1	2	1			
MALARIA	1						2		* 44	30	38	14	16	1	7	6
ORNITHOSIS (PSITTACOSIS, etc)										1						
Q. FEVER	3						N.N.		* 118		167	7			N.N.	
SALMONELLA (LABORATORY ISOLATES)	3	8	1		13		4	1	467	81	51	164	188	47	32	46
SHIGELLA (LABORATORY ISOLATES)	N.N.				5				N.N.		60	57			4	140

N.N. - NOT NOTIFIABLE

* - INCLUDES ADJUSTMENTS FOR REVISED DIAGNOSIS OR OTHER AMENDMENT.

19 AUG 1977

19. 8. '77

LIST B COMMUNICABLE DISEASES AND AGENTS NOTIFIED AFTER HOSPITAL AND LABORATORY DIAGNOSIS

DISEASES	CASES NOTIFIED DURING WEEK								CUMULATIVE TOTAL - year to date*							
	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.	N.S.W.	VIC.	QLD.	S.A.	W.A.	TAS.	A.C.T.	N.T.
AMOEBIASIS	N.N.								N.N.		16	3				
ANKYLOSTOMIASIS	N.N.								N.N.		4					
ARBO VIRUS INFECTION			N.N.		N.N.						N.N.		N.N.			
DENGUE					N.N.						1		N.N.			
MURRAY VALLEY ENCEPHALITIS			N.N.	N.N.	N.N.		N.N.				N.N.	N.N.	N.N.		N.N.	
OTHER (STATE TYPE)				N.N.	N.N.		N.N.					N.N.	N.N.		N.N.	
HYDATID									8		1	2				
MALARIA	2		3				1		46		41	14		1		8
ORNITHOSIS (PSITTACOSIS, etc)												7				
Q. FEVER			10				N.N.		118		177					N.N.
SALMONELLA (LABORATORY ISOLATES)	20		1	1			2		487		52	165		47		34
SHIGELLA (LABORATORY ISOLATES)	N.N.		6				1		N.N.		66	57				5

N.N. - NOT NOTIFIABLE

* - INCLUDES ADJUSTMENTS FOR REVISED DIAGNOSIS OR OTHER AMENDMENT.