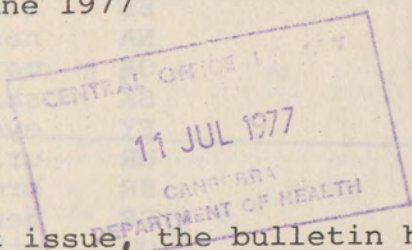


NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

BULLETIN 13

17-30 June 1977



IMPORTANT NOTICES

1. Starting with the last issue, the bulletin has been posted using address labels prepared by computer. The system is flexible enough to have multiple copies sent to institutions - please ask for this to be done. We would however prefer, where applicable, to send copies to positions - e.g. Superintendent - rather than to individuals, who may move on. We would also prefer to address to Post Office Box numbers, where users have them. We would also like to spell names, titles and addresses correctly! Would you please check the address label on the envelope and if alterations are required, or if multiple copies will be useful, send details to the Service, Environmental Health Branch, Department of Health, P.O. Box 100, Woden A.C.T. 2606.
2. Material published in the Bulletin may be reproduced freely in professional journals provided suitable acknowledgement is made and the material is not associated with any form of advertising matter. The Service would appreciate hearing of such uses.
3. As soon as circulation reaches a level at which it is economic to print the Bulletin, this will be done. In the meantime, please bear with the photo-offset typescript which forces us to abbreviate laboratory names and source tissues in the tables attached. A key to these abbreviations is published from time to time.

The laboratory codes are:

ICPMR	Institute of Clinical Pathology and Medical Research, Lidcombe.
RAHC	Royal Alexander Hospital for Children, Camperdown.
PHH/POW	Prince Henry/Prince of Wales Hospital Group, Sydney
FAIRFIELD	Fairfield Hospital.
RCH	Royal Children's Hospital, Parkville.
IMVS	Institute of Medical and Veterinary Science, Adelaide.
STATE LAB	State Health Laboratory Services, Perth.

The source of specimen codes are:

- FA faeces/rectal swab
- BL blood/serum
- NA nasopharyngeal swab or aspirate
- CS cerebrospinal fluid
- SK skin
- EY eye
- UR urine
- BR bronchial washings or aspirate
- GE genital swab
- OT other

Unnoticed epidemics

As readers will know we are continuing to improve the service, and several bulletins have contained notes illustrating what we hope to achieve when the service is computerised. One of these areas is monitoring for variations in the reported incidence of virus infections, and we hope to have automatic monitoring built in to our programs.

For the meantime, the table below shows secular variation in incidence of echovirus types. To keep the table of manageable size, types reported fewer than 5 times have been omitted. To give a fixed denominator the table shows isolations from periods 5 onwards for all contributing laboratories except the W.A. State laboratory (which entered the system in the middle of this time) - this being the longest run we can give for the same contributing laboratories.

Echovirus type	REPORTING PERIOD							
	5	6	7	8	9	10	11	12
6	1	14	9	3	9	11	6	17
9	1	2	11	1	6	6	10	8
11		2	4		1	1	1	
14	1		1	3		3	1	2
17		4	4	2	1	3	1	2
18	1	1	1	3	8	4		1
19	10	11	11	11	3	3		1
22	1	1			1	1	5	1
33				2	2		1	1

The most distinct epidemic was of echovirus type 19, and in Melbourne, but there are definite suggestions of others.

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PERIOD 13  
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VIRUS OR VIRAL ANTIGEN	LABORATORY								TOTAL
	ICPMR	SYDNEY			MELBOURNE		ADELAIDE	PERTH	
		RAHC	PHH/POW	FAIR-FIELD	RCH	IMVS	STATE LAB.		
0100 Adenovirus not typed	2			1		1	2	6	
0101 " type 1									
0102 " " 2					2			2	
0103 " " 3				1	1	1	3	6	
0104 " " 4					1			1	
0105 " " 5						1		1	
0107 " " 7				1		1	1	3	
0108 " " 8							2	2	
0131 " " 31	1			1	2		1	5	
0201 Influenza A virus			3					3	
0301 Parainfluenza virus type 1	1			1			1	2	
0302 " " " 2					8	9	2	20	
0303 " " " 3				3	2	3	4	12	
0400 Respiratory syncytial virus (RS)		1	3	9	32	1	4	5	
0500 Rhinovirus (all types)				5	4			46	
0600 Mycoplasma pneumoniae	8			5		2	2	11	
0700 Ornithosis-psittacosis				1			1	16	
0800 Coxsackievirus group A - not typed								1	
0805 " A5	1						1	1	
0809 " A9								1	
0902 " B2							6	6	
0903 " B3				1			1	2	
0904 " B4						1		1	
0905 " B5						1		1	
1006 Echovirus type 6	3			2			1	1	

PERIOD 13  
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LABORATORY

VIRUS OR VIRAL ANTIGEN	SYDNEY		MELBOURNE		ADELAIDE	PERTH	TOTAL	
	ICPMR	RAHC	PHH/POW	FAIR-FIELD	RCH	IMVS		STATE LAB.
009 Echovirus type 9				5		3	4	12
017 " " 17				2				2
019 " " 19							1	1
022 " " 22					2	1	1	4
025 " " 25	1							1
101 Poliovirus type 1				1				1
102 " " 2				2			2	4
104 " - vaccinal strain			4					4
1200 Mumps virus				6	1	5		12
1300 Herpes virus not typed				3		1	2	6
1301 Herpes simplex virus - not typed	1		7		3	1		12
1306 " " type 1	4	2		4		4		14
1307 " " " 2	12			5		13		30
1401 Coxiella burneti						4		4
1502 Picorna virus - not typed							1	1
1521 Measles virus			1					1
1522 Rubella virus			1	2				3
1532 Hepatitis B antigen			5	22		3	3	33
1533 Hepatitis B antibody						14	17	31
1543 LGV - Lymphogranuloma venereum	1							1
1556 CMV - cytomegalovirus	3		7		5	6	8	29
1563 Coronavirus						2		2
1564 Rotavirus	3			2		4	9	18
TOTAL TYPED VIRUSES	41	3	31	85	63	84	81	388



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SOURCE OF SPECIMEN

VIRUS OR VIRAL ANTIGEN	SOURCE OF SPECIMEN										TOTAL	
	FA	BL	NA	CS	SK	EY	UR	GE	BR	OT		
0100 Adenovirus not typed	2	4										6
0101 " type 1			2									2
0102 " " 2	3		3									6
0103 " " 3			1									1
0104 " " 4						1						1
0105 " " 5			2			1						3
0107 " " 7			1			1						2
0108 " " 8						5						5
0131 " " 31												3
0201 Influenza A virus		3										2
0301 Parainfluenza virus type 1		2								1		20
0302 " " " 2			19									12
0303 " " " 3			1									5
0400 Respiratory syncytial virus (RS)		3	2									45
0500 Rhinovirus (all types)		4	41									11
0600 Mycoplasma pneumoniae			11									16
0700 Ornithosis-psittacosis		16										1
0800 Coxsackievirus group A - not typed		1										1
0805 " A5	1					1						1
0809 " A9	2		3	2								7
0902 " B2		2										2
0903 " B3										1		1
0904 " B4		1										1
0905 " B5	1											1
1006 Echovirus type 6	2		2	1						3		8

PERIOD: 13  
DATE: 17-30 June 1977

SOURCE OF SPECIMEN

VIRUS OR VIRAL ANTIGEN	SOURCE OF SPECIMEN										TOTAL
	FA	BL	NA	CS	SK	EY	UR	GE	BR	OT	
1009 Echovirus type 9	5		7	2							14
1017 " " 17			2								2
1019 " " 19			1								1
1022 " " 22	2		2				1				5
1025 " " 25							1				1
1101 Poliovirus type 1			1								1
1102 " " 2	2		2								4
1104 " - vaccinal strain	4										4
1200 Mumps virus		4	4	3			1				12
1300 Herpes virus not typed		1			5						6
1301 " simplex virus - not typed		3	6		2			1			12
1306 " " type 1			3		9	1			1		14
1307 " " " 2					3			27			30
1401 Coxiella burneti		4									4
1502 Picorna virus - not typed	1										1
1521 Measles virus		1									1
1522 Rubella virus		2	1								3
1532 Hepatitis B antigen		33									33
1533 " B antibody		31									31
1543 LGV - Lymphogranuloma venereum		1									1
1556 CMV - cytomegalovirus		6	10				9	3		2	30
1563 Coronavirus	2										2
1564 Rotavirus	18										18
TOTAL TYPED VIRUSES	45	123	137	8	20	9	12	31	4	4	393

