

National Communicable Diseases Surveillance Report
Fortnight 02, 2014 Summary Notes for Selected Diseases
11 January to 24 January 2014

Measles

There have been 26 cases of measles diagnosed this reporting period from Vic (12), WA (5), NSW (3), and two each from NT, Qld and SA. The median age is 27, the age range is from 0-47.

Of the 36 cases YTD:

- 19 cases were reported as being from overseas, 12 of these cases were from the Philippines;
- 3 have been linked to the multijurisdictional outbreak associated with the imported case from the Philippines who attended the dance competition in Sydney in early December; and
- Of the remaining 14, information about how they acquired their infection has not been established or not reported at the time of analysis.

Health advice has been issued for travellers visiting the Philippines.

A measles outbreak has been reported in the National Capital Region of the Philippines. Two doses of a measles containing vaccine (administered at least four weeks apart) is recommended prior to travel. Travellers with symptoms of measles should seek medical attention. As measles is highly infectious, you should call ahead before attending a health care facility.

For more information see www.smartraveller.gov.au/zw-cgi/view/Advice/Philippines

Interpretative Notes

Selected diseases are chosen each fortnight based on either exceeding two standard deviations from the 90 day and/or 365 day five year rolling mean or other disease issues of significance identified during the reporting period. All diseases reported are analysed by notification receive date. Data are extracted each Monday of a CDNA week.

Totals comprise data from all States and Territories. Cumulative figures are subject to retrospective revision so there may be discrepancies between the number of new notifications and the increment in the cumulative figure from the previous period.

¹*The past quarter (90 day) surveillance period includes the date range (27 Oct 2013 to 24 Jan 2014).*

²*The quarterly (90 day) five year rolling mean is the average of 5 intervals of 90 days up to (24 Jan 2013). The ratio is the notification activity in the past quarter (90 days) compared with the five year rolling mean for the same period.*

³*The past year (365 day) surveillance period includes the date range (25 Jan 2013 to 24 Jan 2014).*

⁴*The yearly (365 day) five year rolling mean is the average of 5 intervals of 365 days up to (24 Jan 2013). The ratio is the notification activity in the past year (365 days) compared with the five year rolling mean for the same period.*

The five year rolling mean and the ratio of notifications compared with the five year rolling mean should be interpreted with caution. Changes in surveillance practice, diagnostic techniques and reporting may contribute to increases or decreases in the total notifications received over a five year period. Ratios are to be taken as a crude measure of current disease activity and may reflect changes in reporting rather than changes in disease activity.

ADT FN02 Notification Received Date 11/01/2014 to 24/01/2014

Disease	State or Territory							Totals for Australia				Historical 90 Day Period			Historical 365 Day Period					
	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	This Reporting Period	Previous Reporting Period	Same Reporting Period Last Year	2014 YTD	Past Quarter	Quarterly Rolling 5 year mean	Ratio Past Quarter /5 year mean	Exceeds Quarterly rolling mean +2 SD by	Past Year	Yearly rolling 5 year mean	Ratio Past year /5 year mean	Exceeds Yearly rolling mean +2 SD by
Bloodborne diseases																				
Hepatitis (NEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	0.0	0.0	-
Hepatitis B (newly acquired)	0	1	0	0	2	0	0	0	3	7	14	10	34	52.6	0.6	-	171	226.4	0.8	-
Hepatitis B (unspecified)	2	94	1	38	16	0	40	25	216	181	266	359	1,593	1,532.6	1.0	-	6,962	6,701.6	1.0	-
Hepatitis C (newly acquired)	0	0	0	0	3	0	2	12	17	12	17	27	105	98.8	1.1	-	406	406.0	1.0	-
Hepatitis C (unspecified)	7	118	2	117	13	9	58	37	361	286	394	588	2,454	2,411.0	1.0	-	10,336	10,495.2	1.0	-
Hepatitis D	0	0	0	2	0	0	2	0	4	0	2	4	16	5.6	2.9	8.1	60	35.8	1.7	16.7
Gastrointestinal diseases																				
Botulism	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	4	0.6	6.7	1.6
Campylobacteriosis	26	NN	6	234	68	64	246	87	731	771	592	1,330	4,579	4,392.2	1.0	-	14,911	16,339.4	0.9	-
Cryptosporidiosis	1	32	2	48	13	0	25	7	128	129	170	235	676	480.4	1.4	-	3,872	2,612.4	1.5	-
Haemolytic uraemic syndrome (HUS)	0	1	0	0	2	0	1	0	4	2	0	5	9	4.2	2.1	-	18	17.4	1.0	-
Hepatitis A	0	2	0	4	1	0	0	0	7	6	7	12	40	73.0	0.5	-	194	281.8	0.7	-
Hepatitis E	0	1	0	0	0	0	0	0	1	2	0	1	9	8.4	1.1	-	33	38.0	0.9	-
Listeriosis	0	0	0	1	0	0	0	0	1	4	7	4	15	21.4	0.7	-	71	79.0	0.9	-
STEC, VTEC	0	7	0	3	2	0	0	0	12	9	7	19	43	35.6	1.2	-	185	102.4	1.8	40.2
Salmonellosis	10	238	11	244	49	16	146	57	771	656	653	1,274	3,733	2,873.8	1.3	106.1	13,079	10,681.0	1.2	-
Shigellosis	1	12	2	11	3	0	20	4	53	54	25	96	216	154.4	1.4	-	616	604.6	1.0	-
Typhoid Fever	0	3	0	0	0	0	3	1	7	7	11	12	35	30.0	1.2	-	143	117.2	1.2	-
Quarantinable diseases																				
Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8	0.0	-	3	4.6	0.7	-
HPAIIH	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	0.0	0.0	-
Plague	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	0.0	0.0	-
Rabies	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	0.0	0.0	-
Severe Acute Respiratory Syndrome (SARS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	0.0	0.0	-
Smallpox	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	0.0	0.0	-
Viral haemorrhagic fever (NEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	0.0	0.0	-
Yellow fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	1.0	0.0	-
Sexually transmissible infections																				
Chlamydial infection	59	894	55	854	110	54	608	458	3,092	2,397	3,531	5,028	19,972	17,002.8	1.2	-	82,662	72,259.2	1.1	-
Donovanosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	1.0	0.0	-
Gonococcal infection	6	210	50	130	50	3	131	98	678	544	632	1,094	4,138	2,615.6	1.6	16.7	15,488	10,420.4	1.5	-
Syphilis - congenital	0	0	0	0	0	0	0	0	0	0	0	0	0	1.0	0.0	-	6	4.2	1.4	-
Syphilis < 2 years	1	4	0	11	0	1	24	4	45	42	55	74	368	305.8	1.2	-	1,709	1,322.8	1.3	92.3
Syphilis > 2 years or unspecified duration	1	6	0	9	5	0	19	2	42	41	54	75	349	297.8	1.2	8.5	1,678	1,346.2	1.2	221.4

Footnotes:

* Ratio of the 90 day prior surveillance period to the past 90 day 5 year rolling mean, or ratio of the 365 day prior surveillance period to the 365 day 5 year rolling mean.

NN = Not Notifiable, NDP = No Data Provided, NEC = Not Elsewhere Classified

Past Quarter (90d prior surveillance period): 27/10/2013 to 24/01/2014
 Quarterly rolling 5Yr Mean (90d 5Yr Mean):
 Quarterly rolling 5Yr Mean (90d 5Yr Mean) 1: 27/10/2012 to 24/01/2013
 Quarterly rolling 5Yr Mean (90d 5Yr Mean) 2: 27/10/2011 to 24/01/2012
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 Quarterly rolling 5Yr Mean (90d 5Yr Mean) 5: 27/10/2008 to 24/01/2009

Past year (365d prior surveillance period): 25/01/2013 to 24/01/2014
 Yearly rolling 5Yr Mean (365d 5Yr Mean):
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Vaccine preventable diseases																				
Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0	0.0	-	4	0.8	5.0	-
Haemophilus influenzae type b	0	0	0	1	0	0	0	0	1	0	0	1	3	3.6	0.8	-	21	19.2	1.1	-
Influenza (laboratory confirmed)	10	127	30	224	87	7	77	46	608	629	348	1,096	5,219	2,335.8	2.2	1,028.2	28,726	30,881.8	0.9	-
Measles	3	2	2	2	2	12	5	26	21	43	103	20.0	5.2	47.9	191	126.4	1.5	-	-	
Mumps	0	4	0	2	0	2	0	8	3	12	10	41	37.2	1.1	-	209	177.0	1.2	-	
Pertussis	5	63	1	140	18	7	120	64	418	381	758	709	2,978	9,004.2	0.3	11,935	28,503.2	0.4	-	
Pneumococcal disease (invasive)	0	7	1	12	2	2	6	3	33	47	25	60	305	321.6	0.9	1,566	1,709.2	0.9	-	
Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	0.0	0.0	-
Rubella	1	0	0	1	0	0	0	0	2	2	0	4	9	6.6	1.4	-	31	39.6	0.8	-
Rubella Congenital	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	2	0.4	5.0	0.5
Tetanus	0	0	0	0	0	0	0	0	0	0	2	0	0	1.2	0.0	-	3	4.0	0.8	-
Varicella zoster (Chickenpox)	3	0	6	0	13	0	40	12	74	93	61	132	623	543.0	1.1	2,053	1,892.6	1.1	-	
Varicella zoster (Shingles)	1	0	5	0	48	3	42	32	131	201	178	287	1,199	909.8	1.3	4,898	3,357.8	1.5	-	
Varicella zoster (Unspecified)	5	0	0	244	34	19	78	69	449	464	360	806	2,830	1,879.2	1.5	305.3	10,197	6,982.2	1.5	261.5
Vectorborne diseases																				
Arbovirus infection (NEC)	0	0	0	2	0	0	0	0	2	2	0	4	8	3.6	2.2	-	24	12.6	1.9	-
Barmah Forest virus infection	0	12	1	55	0	0	1	4	73	49	137	108	467	459.0	1.0	4,174	1,744.4	2.4	1,916.5	
Dengue virus infection	0	11	1	38	4	0	2	26	82	55	84	125	345	304.4	1.1	1,805	1,121.0	1.6	-	
Japanese encephalitis virus infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.0	-	4	0.4	10.0	2.5
Kunjin virus infection	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2	10.0	0.9	3	1.6	1.9	-
Malaria	0	3	0	5	0	0	0	1	9	11	23	17	81	105.2	0.8	405	443.8	0.9	-	
Murray Valley encephalitis virus infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.0	-	1	4.6	0.2	-
Ross River virus infection	0	17	32	55	1	0	12	75	192	190	161	341	1,047	897.6	1.2	4,355	5,045.0	0.9	-	
Zoonoses																				
Anthrax	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	0.2	0.0	-
Australian bat lyssavirus	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	1	0.0	0.0	-
Brucellosis	0	0	0	2	0	0	0	0	2	0	0	2	7	8.4	0.8	-	22	32.4	0.7	-
Leptospirosis	0	0	0	1	0	0	0	0	1	4	1	4	20	24.8	0.8	-	98	142.8	0.7	-
Lyssavirus (NEC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	-	0	0.0	0.0	-
Ornithosis	0	0	0	0	0	0	0	0	0	0	3	0	14	23.4	0.6	-	45	79.6	0.6	-
Q fever	0	8	0	9	0	0	0	0	17	24	4	38	109	80.2	1.4	7.9	486	344.8	1.4	103.0
Tularaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.0	-	0	1.0	0.0	-
Other bacterial infections																				
Legionellosis	0	2	0	2	5	0	1	3	13	10	22	21	106	83.4	1.3	-	503	322.8	1.6	84.7
Leprosy	0	0	0	0	0	0	0	1	1	1	0	2	4	2.2	1.8	0.9	14	8.8	1.6	-
Meningococcal disease (invasive)	0	0	1	1	0	0	0	0	2	3	5	5	31	52.4	0.6	-	145	248.2	0.6	-
Tuberculosis	0	12	0	8	0	0	19	3	42	55	45	90	301	360.4	0.8	-	1,245	1,317.2	0.9	-
	139	1,892	209	2,510	551	185	1,737	1,136	8,359	7,395	8,666	14,152	54,236				225,773			

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