

HIV/AIDS Monthly Surveillance Report

July 2016

Introduction

The Centre for Population Health (CPH) of the Burnet Institute has produced this report on behalf of the Department of Health and Human Services, in cooperation with the Victorian Infectious Diseases Reference Laboratory. The department funds CPH to conduct surveillance and related research into sexually transmissible infections and blood borne viruses.

Note: The total cases reported below may not match those on the department daily reports because this report is based on the date of specimen collection whereas all daily summary reports are based on the date of notification to the department. Monthly surveillance reports are produced approximately six weeks after the end of the reporting month. Daily reports are available at www.health.vic.gov.au/infectious-diseases.

Surveillance report

Table 1: Number of notified cases of HIV, AIDS and deaths

Disease Type	Current Month	Previous Months			1 Jan to 31 Jul			1 Jan to 31 Dec		
	July 2016	June 2016	May 2016	Apr 2016	2016	2015	2014	2015	2014	2013
HIV	19	28	27	27	190	168	177	282	303	307
• <18 months old	0	0	0	0	0	0	0	0	0	0
• Newly acquired	8	9	9	12	79	88	95	145	166	117
• Unspecified	11	19	18	15	111	80	82	137	137	190
AIDS	0	2	2	1	13	14	13	31	32	48
Deaths	1	2	2	2	18	9	27	17	37	22

Table 2: Number of notified cases of HIV by sex

Sex	Current Month	Previous Months			1 Jan to 31 Jul			1 Jan to 31 Dec		
	July 2016	June 2016	May 2016	Apr 2016	2016	2015	2014	2015	2014	2013
Male	16	25	25	25	173	149	165	250	283	274
Female	3	3	2	2	15	19	12	31	20	33
Transgender	0	0	0	0	2	0	0	1	0	0
Total	19	28	27	27	190	168	177	282	303	307

Table 3: Number of notified cases of HIV by Aboriginal or Torres Strait Islander status

Aboriginal or Torres Strait Islander status	Current Month	Previous Months			1 Jan to 31 Jul			1 Jan to 31 Dec		
	July 2016	June 2016	May 2016	Apr 2016	2016	2015	2014	2015	2014	2013
Aboriginal or Torres Strait Islander	0	0	1	1	4	4	3	7	6	4
Non Aboriginal or Torres Strait Islander	19	25	24	24	175	161	167	268	285	287
Unknown	0	3	2	2	11	3	7	7	12	16
Total	19	28	27	27	190	168	177	282	303	307

Table 4: Number of notified cases of HIV by age group

Age Group	Current Month	Previous Months			1 Jan to 31 Jul			1 Jan to 31 Dec		
	July 2016	June 2016	May 2016	Apr 2016	2016	2015	2014	2015	2014	2013
0 to 10	0	0	0	0	0	0	0	0	0	1
11 to 15	0	0	0	0	0	1	0	1	1	2
16 to 19	1	0	1	2	7	12	3	13	8	7
20 to 29	6	9	9	10	67	59	61	96	108	83
30 to 39	6	8	7	7	56	45	57	87	100	100
40 to 49	3	9	8	7	36	36	36	51	55	57
50 to 59	2	1	1	1	16	10	14	25	21	39
60+	1	1	1	0	8	5	6	9	10	18
Total	19	28	27	27	190	168	177	282	303	307

Table 5: Number of notified cases of HIV by exposure category

Exposure Category	Current Month	Previous Months			1 Jan to 31 Jul			1 Jan to 31 Dec		
	July 2016	June 2016	May 2016	Apr 2016	2016	2015	2014	2015	2014	2013
Male-to-male sex	11	19	21	21	133	120	126	205	220	218
Male-to-male sex and injecting drug use	1	0	2	0	7	8	10	11	15	13
Injecting drug user	0	1	0	1	3	5	7	9	13	7
Heterosexual	5	8	2	4	36	32	31	50	47	56
Other	0	0	0	1	2	2	0	3	1	4
Unknown	2	0	2	0	9	1	3	4	7	9
Total	19	28	27	27	190	168	177	282	303	307

Table 6: Number of notified cases of HIV exposed via heterosexual contact, by mode of transmission

Heterosexual mode of transmission	Current Month	Previous Months			1 Jan to 31 Jul			1 Jan to 31 Dec		
	July 2016	June 2016	May 2016	Apr 2016	2016	2015	2014	2015	2014	2013
Person is from a high prevalence country [#]	1	2	0	1	8	3	5	7	9	16
Sex with a person from a high prevalence country [#]	0	0	0	0	2	8	4	13	7	8
Sex with an injecting drug user	0	0	0	0	0	2	1	2	2	1
Sex with a bisexual male	1	1	0	0	2	3	1	4	3	2
Sex with a person diagnosed with HIV infection	1	0	0	1	5	4	1	6	1	4
Not further specified	2	5	2	2	19	12	19	18	25	25
Total	5	8	2	4	36	32	31	50	47	56

[#] High prevalence country: where the adult HIV prevalence is greater than one per cent and HIV is transmitted predominantly by heterosexual contact. This includes countries in sub-Saharan Africa, Cambodia, Myanmar, and some Caribbean countries.

Table 7: Number of notified cases of HIV by time since last negative test or seroconversion illness

Time since last negative test or seroconversion illness	Current Month	Previous Months			1 Jan to 31 Jul			1 Jan to 31 Dec		
	July 2016	June 2016	May 2016	Apr 2016	2016	2015	2014	2015	2014	2013
Less than one year (incident infection)	9	8	8	9	66	75	80	121	143	96
One year to less than three years	0	6	4	2	27	26	28	42	42	46
Three or more years	1	2	6	6	23	21	9	27	17	40
No previous negative test or seroconversion illness	6	6	3	6	37	23	31	47	53	65
History unknown	3	6	6	4	37	23	29	45	48	60
Total	19	28	27	27	190	168	177	282	303	307

Table 8: Number of notified cases of HIV by health region[†]

Region	Current Month	Previous Months			1 Jan to 31 Jul			1 Jan to 31 Dec		
	July 2016	June 2016	May 2016	Apr 2016	2016	2015	2014	2015	2014	2013
Barwon-South Western	1	1	1	0	8	5	5	8	10	8
Eastern Metropolitan	1	0	1	2	12	23	17	35	34	34
Gippsland	1	3	0	0	4	2	5	2	11	6
Grampians	0	0	0	1	1	7	2	9	3	9
Hume	0	1	0	2	6	0	3	1	4	5
Loddon Mallee	1	0	0	1	5	2	1	5	2	6
North & West Metropolitan	8	15	11	9	84	66	80	119	121	118
Southern Metropolitan	6	7	7	9	51	60	61	93	110	98
Unknown	1	1	7	3	19	3	3	10	8	23
Total	19	28	27	27	190	168	177	282	303	307

[†] Reflects residential location at the time of diagnosis and does not necessarily indicate where infection acquired.

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