

HIV/AIDS Monthly Surveillance Report

September 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 30 Sept			1 Jan to 31 Dec		
	Sept 2016	Aug 2016	Jul 2016	Jun 2016	2016	2015	2014	2015	2014	2013
HIV	24	34	22	29	249	214	232	283	303	307
• <18 months old	0	0	0	0	0	0	0	0	0	0
• Newly acquired	8	10	9	9	98	102	126	146	166	117
• Unspecified	16	24	13	20	151	112	106	137	137	190
AIDS	2	2	0	2	17	20	22	31	32	48
Deaths	1	1	1	2	20	11	31	17	37	22

Table 2: Number of notified cases of HIV by sex

Sex	Current Month	Previous Months			1 Jan to 30 Sept			1 Jan to 31 Dec		
	Sept 2016	Aug 2016	Jul 2016	Jun 2016	2016	2015	2014	2015	2014	2013
Male	22	32	18	26	228	188	218	251	283	274
Female	2	2	4	3	20	25	14	31	20	33
Transgender	0	0	0	0	1	1	0	1	0	0
Total	24	34	22	29	249	214	232	283	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 30 Sept			1 Jan to 31 Dec		
	Sept 2016	Aug 2016	Jul 2016	Jun 2016	2016	2015	2014	2015	2014	2013
Aboriginal or Torres Strait Islander	0	0	1	0	5	5	5	7	6	4
Non Aboriginal or Torres Strait Islander	22	32	21	26	229	205	218	269	285	287
Unknown	2	2	0	3	15	4	9	7	12	16
Total	24	34	22	29	249	214	232	283	303	307

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

Age Group	Current Month	Previous Months			1 Jan to 30 Sept			1 Jan to 31 Dec		
	Sept 2016	Aug 2016	Jul 2016	Jun 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	0	1	1	0	8	12	6	13	8	7
20 to 29	9	8	7	10	85	73	83	97	108	83
30 to 39	7	12	7	9	75	67	80	87	100	100
40 to 49	6	7	4	8	49	41	41	51	55	57
50 to 59	2	5	2	1	23	14	15	25	21	39
60+	0	1	1	1	9	6	7	9	10	18
Total	24	34	22	29	249	214	232	283	303	307

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

Exposure Category	Current Month	Previous Months			1 Jan to 30 Sept			1 Jan to 31 Dec		
	Sept 2016	Aug 2016	Jul 2016	Jun 2016	2016	2015	2014	2015	2014	2013
Male-to-male sex	17	28	13	19	179	152	166	206	220	218
Male-to-male sex and injecting drug use	0	1	1	1	9	9	14	11	15	13
Injecting drug user	0	0	0	1	3	7	9	9	13	7
Heterosexual	6	5	8	8	51	41	36	50	47	56
Other	0	0	0	0	3	3	1	3	1	4
Unknown	1	0	0	0	4	2	6	4	7	9
Total	24	34	22	29	249	214	232	283	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 30 Sept			1 Jan to 31 Dec		
	Sept 2016	Aug 2016	Jul 2016	Jun 2016	2016	2015	2014	2015	2014	2013
Person is from a high prevalence country [#]	1	0	2	2	10	6	7	7	9	16
Sex with a person from a high prevalence country [#]	2	0	0	0	4	10	4	13	7	8
Sex with an injecting drug user	0	1	0	0	1	2	1	2	2	1
Sex with a bisexual male	0	0	1	1	2	4	1	4	3	2
Sex with a person diagnosed with HIV infection	0	1	1	0	6	5	1	6	1	4
Not further specified	3	3	4	5	28	14	22	18	25	25
Total	6	5	8	8	51	41	36	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 30 Sept			1 Jan to 31 Dec		
	Sept 2016	Aug 2016	Jul 2016	Jun 2016	2016	2015	2014	2015	2014	2013
Less than one year (incident infection)	8	9	10	9	84	88	108	122	143	96
One year to less than three years	4	6	0	6	37	33	34	42	42	46
Three or more years	2	6	1	2	31	24	11	27	17	40
No previous negative test or seroconversion illness	6	9	7	7	54	37	42	47	53	65
History unknown	4	4	4	5	43	32	37	45	48	60
Total	24	34	22	29	249	214	232	283	303	307

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

Region	Current Month	Previous Months			1 Jan to 30 Sept			1 Jan to 31 Dec		
	Sept 2016	Aug 2016	Jul 2016	Jun 2016	2016	2015	2014	2015	2014	2013
Barwon-South Western	2	0	1	1	10	5	7	8	10	8
Eastern Metropolitan	3	1	2	0	17	27	21	35	34	34
Gippsland	0	0	1	3	4	2	7	2	11	6
Grampians	0	0	0	1	2	8	2	9	3	9
Hume	0	1	0	1	7	1	4	1	4	5
Loddon Mallee	1	1	1	0	7	2	2	5	2	6
North & West Metropolitan	6	14	9	14	103	90	97	119	121	118
Southern Metropolitan	8	15	6	8	75	73	87	93	110	98
Unknown	4	2	2	1	24	6	5	11	8	23
Total	24	34	22	29	249	214	232	283	303	307

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

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