

# HIV/AIDS Monthly Surveillance Report

August 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](http://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 Aug			1 Jan to 31 Dec		
	August 2016	July 2016	June 2016	May 2016	2016	2015	2014	2015	2014	2013
HIV	30	20	30	26	221	188	197	283	303	307
• <18 months old	0	0	0	0	0	0	0	0	0	0
• Newly acquired	10	9	9	9	90	96	105	146	166	117
• Unspecified	20	11	21	17	131	92	92	137	137	190
AIDS	2	0	2	2	15	14	16	31	32	48
Deaths	1	1	2	2	19	11	29	17	37	22

**Table 2: Number of notified cases of HIV by sex**

Sex	Current Month	Previous Months			1 Jan to 31 Aug			1 Jan to 31 Dec		
	August 2016	July 2016	June 2016	May 2016	2016	2015	2014	2015	2014	2013
Male	29	17	27	24	203	167	184	251	283	274
Female	1	3	3	2	16	20	13	31	20	33
Transgender	0	0	0	0	2	1	0	1	0	0
Total	30	20	30	26	221	188	197	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 31 Aug			1 Jan to 31 Dec		
	August 2016	July 2016	June 2016	May 2016	2016	2015	2014	2015	2014	2013
Aboriginal or Torres Strait Islander	0	1	0	1	5	4	5	7	6	4
Non Aboriginal or Torres Strait Islander	28	19	27	23	203	181	184	269	285	287
Unknown	2	0	3	2	13	3	8	7	12	16
Total	30	20	30	26	221	188	197	283	303	307

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

Age Group	Current Month	Previous Months			1 Jan to 31 Aug			1 Jan to 31 Dec		
	August 2016	July 2016	June 2016	May 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	1	0	1	8	12	4	13	8	7
20 to 29	6	7	10	8	74	64	68	97	108	83
30 to 39	11	7	9	7	68	56	65	87	100	100
40 to 49	6	3	9	8	42	40	39	51	55	57
50 to 59	5	1	1	1	20	10	15	25	21	39
60+	1	1	1	1	9	5	6	9	10	18
Total	30	20	30	26	221	188	197	283	303	307

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

Exposure Category	Current Month	Previous Months			1 Jan to 31 Aug			1 Jan to 31 Dec		
	August 2016	July 2016	June 2016	May 2016	2016	2015	2014	2015	2014	2013
Male-to-male sex	25	13	20	20	160	137	138	206	220	218
Male-to-male sex and injecting drug use	1	1	1	2	9	8	11	11	15	13
Injecting drug user	0	0	1	0	3	5	9	9	13	7
Heterosexual	3	6	8	2	41	35	33	50	47	56
Other	0	0	0	0	3	2	1	3	1	4
Unknown	1	0	0	2	5	1	5	4	7	9
Total	30	20	30	26	221	188	197	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 31 Aug			1 Jan to 31 Dec		
	August 2016	July 2016	June 2016	May 2016	2016	2015	2014	2015	2014	2013
Person is from a high prevalence country <sup>#</sup>	0	1	2	0	8	4	6	7	9	16
Sex with a person from a high prevalence country <sup>#</sup>	0	0	0	0	2	9	4	13	7	8
Sex with an injecting drug user	1	0	0	0	1	2	1	2	2	1
Sex with a bisexual male	0	0	1	0	1	3	1	4	3	2
Sex with a person diagnosed with HIV infection	1	1	0	0	6	4	1	6	1	4
Not further specified	1	4	5	2	23	13	20	18	25	25
<b>Total</b>	<b>3</b>	<b>6</b>	<b>8</b>	<b>2</b>	<b>41</b>	<b>35</b>	<b>33</b>	<b>50</b>	<b>47</b>	<b>56</b>

<sup>#</sup> 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 Aug			1 Jan to 31 Dec		
	August 2016	July 2016	June 2016	May 2016	2016	2015	2014	2015	2014	2013
Less than one year (incident infection)	9	10	9	8	76	82	88	122	143	96
One year to less than three years	6	0	6	4	33	32	30	42	42	46
Three or more years	4	1	2	6	27	23	9	27	17	40
No previous negative test or seroconversion illness	7	5	7	3	44	25	38	47	53	65
History unknown	4	4	6	5	41	26	32	45	48	60
<b>Total</b>	<b>30</b>	<b>20</b>	<b>30</b>	<b>26</b>	<b>221</b>	<b>188</b>	<b>197</b>	<b>283</b>	<b>303</b>	<b>307</b>

**Table 8: Number of notified cases of HIV by health region<sup>†</sup>**

Region	Current Month	Previous Months			1 Jan to 31 Aug			1 Jan to 31 Dec		
	August 2016	July 2016	June 2016	May 2016	2016	2015	2014	2015	2014	2013
Barwon-South Western	0	1	1	1	8	5	7	8	10	8
Eastern Metropolitan	0	2	0	1	13	24	19	35	34	34
Gippsland	0	0	3	0	3	2	5	2	11	6
Grampians	0	0	1	0	2	8	2	9	3	9
Hume	1	0	1	0	7	1	4	1	4	5
Loddon Mallee	1	1	0	0	6	2	1	5	2	6
North & West Metropolitan	14	8	15	11	97	74	85	119	121	118
Southern Metropolitan	12	6	8	7	64	68	71	93	110	98
Unknown	2	2	1	6	21	4	3	11	8	23
<b>Total</b>	<b>30</b>	<b>20</b>	<b>30</b>	<b>26</b>	<b>221</b>	<b>188</b>	<b>197</b>	<b>283</b>	<b>303</b>	<b>307</b>

<sup>†</sup> Reflects residential location at the time of diagnosis and does not necessarily indicate where infection acquired.

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