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## HIV/AIDS monthly surveillance report

### Introduction

The Centre for Population Health (CPH) of the Macfarlane Burnet Institute for Medical Research and Public Health has produced this report on behalf of the Communicable Disease Prevention & Control Unit of the Department of Human Services, in cooperation with the Victorian Infectious Diseases Reference Laboratory. The Department of Human Services funds CPH to conduct surveillance and related research into sexually transmissible infections and blood-borne viruses.

*Please note that numbers are subject to change as a result of ongoing case investigations.*

### Monthly report

**Table 1: Number of new HIV diagnoses\*, AIDS diagnoses and deaths**

Disease Type	Current month <sup>^</sup>	Previous months			1 Jan to 31 August			1 Jan to 31 Dec		
	August 2009	July 2009	June 2009	May 2009	2009	2008	2007	2008	2007	2006
HIV	21	27	25	23	182	180	180	261	263	259
AIDS	3	6	4	2	34	42	33	57	49	77
Deaths	0	1	2	1	9	19	17	33	26	41

**Table 2: Number of new HIV diagnoses\* by sex**

Sex	Current month <sup>^</sup>	Previous months			1 Jan to 31 August			1 Jan to 31 Dec		
	August 2009	July 2009	June 2009	May 2009	2009	2008	2007	2008	2007	2006
Males	20	26	24	20	165	160	165	230	236	237
Females	1	1	1	3	17	20	15	31	27	21
Transgender	0	0	0	0	0	0	0	0	0	1
Total	21	27	25	23	182	180	180	261	263	259

**Table 3: Number of new HIV diagnoses\* by age group**

Age group (years)	Current month <sup>^</sup>	Previous months			1 Jan to 31 August			1 Jan to 31 Dec		
	August 2009	July 2009	June 2009	May 2009	2009	2008	2007	2008	2007	2006
0 to 12	0	0	0	0	0	2	0	2	4	1
13 to 19	0	1	0	1	4	6	2	8	3	4
20 to 29	4	8	9	8	57	47	33	70	52	54
30 to 39	11	7	7	9	61	63	63	90	92	86
40 to 49	5	7	6	4	39	41	56	60	76	68
50 to 59	1	2	2	1	16	12	19	19	26	30
60+	0	2	1	0	5	9	7	12	10	16
Total	21	27	25	23	182	180	180	261	263	259

\* Cases whose first ever HIV diagnosis was in Victoria.

<sup>^</sup> Refers to date of diagnosis/date of death. Data are produced six weeks after the end of the "current month".

**Table 4: Number of new HIV diagnoses\* by exposure category**

HIV Exposure Category	Current month <sup>^</sup>	Previous months			1 Jan to 31 August			1 Jan to 31 Dec		
	August 2009	July 2009	June 2009	May 2009	2009	2008	2007	2008	2007	2006
Male homosexual/bisexual	17	22	22	16	133	127	137	181	191	198
Male homosexual/bisexual and injecting drug user	1	1	0	2	5	5	2	7	5	5
Injecting drug user	0	0	0	1	1	7	5	7	5	8
Heterosexual contact	2	3	3	3	29	27	27	41	38	29
Heterosexual contact (person from a HPC <sup>#</sup> )	1	0	0	1	12	10	7	17	15	14
Other/unknown	0	1	0	0	2	4	2	8	9	5
<b>Total</b>	<b>21</b>	<b>27</b>	<b>25</b>	<b>23</b>	<b>182</b>	<b>180</b>	<b>180</b>	<b>261</b>	<b>263</b>	<b>259</b>

# 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 5: Number of new HIV diagnoses\* by time since last negative test or seroconversion illness**

Time between HIV diagnosis and negative test and/or seroconversion illness	Current month <sup>^</sup>	Previous months			1 Jan to 31 August			1 Jan to 31 Dec		
	August 2009	July 2009	June 2009	May 2009	2009	2008	2007	2008	2007	2006
Less than one year (incident infection)	9	13	10	9	72	63	68	97	93	99
One year to less than three years	5	2	4	3	24	27	24	36	41	44
Three or more years	3	1	3	4	20	29	29	35	44	53
No previous negative test or seroconversion illness	2	9	5	4	45	38	35	57	52	47
History unknown	2	2	3	3	21	23	24	36	33	16
<b>Total</b>	<b>21</b>	<b>27</b>	<b>25</b>	<b>23</b>	<b>182</b>	<b>180</b>	<b>180</b>	<b>261</b>	<b>263</b>	<b>259</b>

**Table 6: Number of new HIV diagnoses\* by DHS region of residence at diagnosis**

DHS Region	Current month <sup>^</sup>	Previous months			1 Jan to 31 August			1 Jan to 31 Dec		
	August 2009	July 2009	June 2009	May 2009	2009	2008	2007	2008	2007	2006
Barwon South-West	1	0	0	0	3	1	3	1	5	12
Eastern Metropolitan	6	3	3	3	26	17	17	23	27	24
Gippsland	0	0	1	1	3	3	3	6	5	1
Grampians	1	0	1	0	4	4	3	4	5	7
Hume	0	0	0	1	1	4	6	5	10	2
Loddon-Mallee	0	0	2	0	2	7	4	7	7	9
North-West Metropolitan	9	14	7	10	77	60	86	101	111	98
Southern Metropolitan	4	9	9	7	59	79	50	106	84	101
Unknown	0	1	2	1	7	5	8	8	9	5
<b>Total</b>	<b>21</b>	<b>27</b>	<b>25</b>	<b>23</b>	<b>182</b>	<b>180</b>	<b>180</b>	<b>261</b>	<b>263</b>	<b>259</b>

## Further information

For further information, please contact either:

- Carol El-Hayek, Macfarlane Burnet Institute for Medical Research and Public Health on telephone (03) 8506 2303.
- The Communicable Disease Prevention & Control Unit at the Department of Human Services on telephone 1300 651 160.