

# National Centre in HIV Epidemiology and Clinical Research Australian HIV Surveillance Report

Vol 24 No 1 January 2008

## Diagnoses in the third quarter

### 1 July – 30 September 2007

a total of 247 diagnoses of HIV infection, 31 diagnoses of AIDS and 13 deaths following AIDS were reported, by 31 December 2007, to have occurred in the third quarter of 2007

in comparison, 236 diagnoses of HIV infection, 63 diagnoses of AIDS and 25 deaths following AIDS were reported by 31 December 2007, to have occurred in the third quarter of 2006

### New HIV infection

During the third quarter of 2007, 67 males were reported as having newly acquired HIV infection identified by a negative test within the 12 months prior to diagnosis, or the diagnosis of primary HIV infection. A history of homosexual contact, with or without a history of injecting drug use, was reported in 53 (79.1%) cases.

### Diagnoses in the year to 30 September 2007

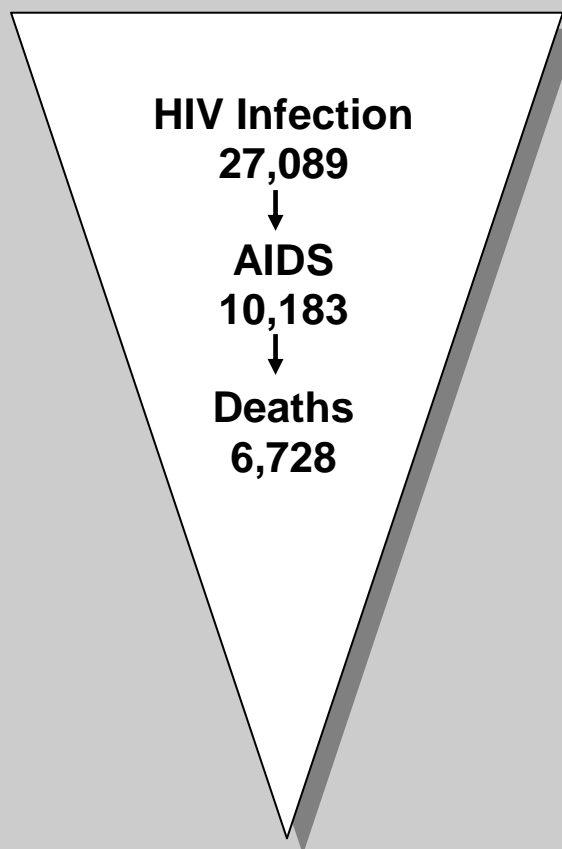
1,090 diagnoses of HIV infection

161 diagnoses of AIDS

59 deaths following AIDS were reported by 31 December 2007

## The HIV Epidemic in Australia

### A cumulative profile to 30 September 2007



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## Announcements

The **10th annual International Hepatitis C Conference** will be held in Derby, United Kingdom on 3 – 4 June 2008. Further information may be obtained through the website [www.hepccentre.org.uk](http://www.hepccentre.org.uk)

The **20th annual ASHM Conference** will be held in Perth, Western Australia, on 17 – 20 September 2008. **The Australasian Sexual Health Conference** will also be held in Perth, Western Australia, on 15 – 17 September 2008. Further information may be obtained through the website <http://www.ashm.org.au/conference>

The **XVII International AIDS Conference** will be held in Mexico City, Mexico, on 3 – 8 August 2008. Further information may be obtained through the website <http://www.aids2008.org>

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## **HIV diagnoses**

People diagnosed with HIV infection in the year to 30 September 2007 had an average age of 38 years and 1.1% was in the age group 13 – 19 years

86.1% were male, 13.7% were female and was reported as transgender in 0.2%

of 872 cases of HIV infection, newly diagnosed among males in the year to 30 September 2007 for which an exposure to HIV was reported, 710 (82.4%) were attributed to male homosexual/bisexual contact, with or without a history of injecting drug use.

## **Total diagnoses to 30 September 2007**

27,089 diagnoses of HIV infection

10,183 diagnoses of AIDS

6,728 deaths following AIDS were reported by 31 December 2007

## **HIV testing in sexual health clinics**

Six sexual health clinics in Adelaide, Brisbane, Gold Coast, Melbourne and Sydney tested 5,872 people in the quarter 1 July – 30 September 2007 who were not previously known to have HIV infection

of 1,292 men reported as having been tested for the first time, 4 (0.3%) was found to have HIV infection

of 2,319 men, reported as having been retested following a previous negative test, 15 (0.6%) were found to have HIV infection

of 1,348 homosexually active men who were retested following a previous negative test, 15 (1.1%) were newly diagnosed with HIV infection

# National AIDS Registry

**Table 1.1 Cases of AIDS and deaths following AIDS by sex and State/Territory in which diagnosis of AIDS was made, cumulative to 30 September 2007, and for two previous yearly intervals**

## Cases

State/Territory	1 Oct 05 – 30 Sep 06		1 Oct 06 – 30 Sep 07		Cumulative to 30 Sep 07			%
	Male	Female	Male	Female	Male	Female	Total†	
ACT	0	0	0	0	92	10	102	1.0
NSW	92	4	70	4	5 489	255	5 762	56.5
NT	2	1	2	0	45	4	49	0.5
QLD	27	3	19	2	1 051	73	1 126	11.1
SA	8	1	5	0	409	32	442	4.3
TAS	3	0	2	0	55	4	59	0.6
VIC	56	4	44	4	2 039	113	2 165	21.3
WA	8	4	8	0	434	42	478	4.7
<b>Total</b>	<b>196</b>	<b>17</b>	<b>150</b>	<b>10</b>	<b>9 614</b>	<b>533</b>	<b>10 183</b>	<b>100.0</b>

## Deaths

State/Territory	1 Oct 05 – 30 Sep 06		1 Oct 06 – 30 Sep 07		Cumulative to 30 Sep 07			%
	Male	Female	Male	Female	Male	Female	Total†	
ACT	2	0	0	0	73	7	80	1.2
NSW	26	3	21	1	3 595	137	3 743	55.6
NT	0	0	3	0	29	1	30	0.4
QLD	17	2	10	0	674	43	719	10.7
SA	5	0	2	0	280	20	300	4.5
TAS	1	0	0	0	33	2	35	0.5
VIC	22	1	9	4	1 421	64	1 494	22.2
WA	2	1	5	4	297	29	327	4.9
<b>Total</b>	<b>75</b>	<b>7</b>	<b>50</b>	<b>9</b>	<b>6 402</b>	<b>303</b>	<b>6 728</b>	<b>100.0</b>

† Totals include 36 AIDS cases and 23 deaths following AIDS in people whose sex was reported as transgender.

**Table 1.2 Incidence of AIDS per million current population<sup>1</sup> by sex and State/Territory of diagnosis for the two most recent yearly intervals**

State/Territory	1 Oct 05 – 30 Sep 06			1 Oct 06 – 30 Sep 07		
	Male	Female	Total	Male	Female	Total
ACT	0.0	0.0	0.0	0.0	0.0	0.0
NSW	27.2	1.2	14.1	20.5	1.2	10.7
NT	18.3	9.9	14.2	17.9	0.0	9.3
QLD	13.2	1.5	7.3	9.1	1.0	5.0
SA	10.3	1.3	5.7	6.4	0.0	3.2
TAS	12.4	0.0	6.1	8.2	0.0	4.1
VIC	22.1	1.5	11.7	17.1	1.5	9.2
WA	7.7	3.9	5.8	7.5	0.0	3.8
<b>Total</b>	<b>19.0</b>	<b>1.6</b>	<b>10.2</b>	<b>14.4</b>	<b>0.9</b>	<b>7.6</b>

Population estimates by sex, State/Territory and calendar period from *Australian Demographic Statistics* (Australian Bureau of Statistics).

**Table 1.3 Cases of AIDS and deaths following AIDS by sex and age group, cumulative to 30 September 2007, and for two previous yearly intervals**

**Cases<sup>1</sup>**

Age group (years)	1 Oct 05 – 30 Sep 06		1 Oct 06 – 30 Sep 07		Cumulative to 30 Sep 07			%
	Male	Female	Male	Female	Male	Female	Total†	
0–2	0	0	0	0	9	9	18	0.2
2–12	0	0	0	0	21	12	33	0.3
0–12	0	0	0	0	30	21	51	0.5
13–19	0	0	0	0	28	5	33	0.3
20–29	13	3	10	1	1 453	124	1 592	15.6
30–39	60	8	39	3	3 916	197	4 125	40.5
40–49	76	5	56	2	2 788	100	2 893	28.4
50–59	28	0	28	2	1 029	46	1 079	10.6
60+	19	1	17	2	370	40	410	4.0
<b>Total</b>	<b>196</b>	<b>17</b>	<b>150</b>	<b>10</b>	<b>9 614</b>	<b>533</b>	<b>10 183</b>	<b>100.0</b>

**Deaths<sup>2</sup>**

Age group (years)	1 Oct 05 – 30 Sep 06		1 Oct 06 – 30 Sep 07		Cumulative to 30 Sep 07			%
	Male	Female	Male	Female	Male	Female	Total†	
0–2	0	0	0	0	5	6	11	0.2
2–12	0	0	0	0	17	6	23	0.3
0–12	0	0	0	0	22	12	34	0.5
13–19	1	0	0	0	15	3	18	0.3
20–29	1	1	5	0	695	50	756	11.2
30–39	9	0	7	3	2 480	107	2 596	38.6
40–49	36	4	10	2	2 067	60	2 129	31.6
50–59	15	0	18	2	819	34	854	12.7
60+	13	2	10	2	304	37	341	5.1
<b>Total</b>	<b>75</b>	<b>7</b>	<b>50</b>	<b>9</b>	<b>6 402</b>	<b>303</b>	<b>6 728</b>	<b>100.0</b>

1 Cases are classified by age at diagnosis.

2 Deaths are classified by age at death.

**Table 1.4 Cases of AIDS by sex and exposure category, cumulative to 30 September 2007, and for two previous yearly intervals**

Exposure category	1 Oct 05 – 30 Sep 06		1 Oct 06 – 30 Sep 07		Cumulative to 30 Sep 07			%
	Male	Female	Male	Female	Male	Female	Total	
Male homosexual/ bisexual contact	128	–	87	–	7 805	–	7 805	79.8
Male homosexual/ bisexual contact and injecting drug use	9	–	18	–	498	–	498	5.1
Injecting drug use	10	1	4	0	234	102	336	3.4
<i>Heterosexual</i>	5	1	0	0	142	78	220	
<i>Not further specified</i>	5	0	4	0	92	24	116	
Heterosexual contact	34	14	24	10	494	314	808	8.3
<i>Sex with injecting drug user</i>	0	2	0	0	9	31	40	
<i>Sex with bisexual male</i>	–	0	–	0	–	50	50	
<i>From a high prevalence country</i>	7	7	6	4	95	90	185	
<i>Sex with person from a high prevalence country</i>	6	1	6	0	84	24	108	
<i>Sex with person with medically acquired HIV</i>	0	0	0	0	2	10	12	
<i>Sex with HIV infected person, exposure not specified</i>	2	0	0	1	34	34	68	
<i>Not further specified</i>	19	4	12	5	270	75	345	
Haemophilia/coagulation disorder	0	0	1	0	122	3	125	1.3
Receipt of blood/tissue	1	0	1	0	84	67	151	1.5
Health care setting	0	0	0	0	1	3	4	0.0
<b>Total Adults/ Adolescents</b>	<b>182</b>	<b>15</b>	<b>135</b>	<b>10</b>	<b>9 238</b>	<b>489</b>	<b>9 727</b>	<b>99.5</b>
<b>Children (under 13 years at AIDS diagnosis)</b>								
Mother with/at risk for HIV infection	0	0	0	0	15	18	33	0.3
Haemophilia/coagulation disorder	0	0	0	0	5	0	5	0.1
Receipt of blood/tissue	0	0	0	0	11	3	14	0.1
<b>Total children</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31</b>	<b>21</b>	<b>52</b>	<b>0.5</b>
<b>Sub-total</b>	<b>182</b>	<b>15</b>	<b>135</b>	<b>10</b>	<b>9 269</b>	<b>510</b>	<b>9 779</b>	<b>100.0</b>
Other/undetermined <sup>1</sup>	14	2	15	0	345	23	404	
<b>Total</b>	<b>196</b>	<b>17</b>	<b>150</b>	<b>10</b>	<b>9 614</b>	<b>533</b>	<b>10 183</b>	

1 The 'Other/undetermined' exposure category includes 36 AIDS cases in people whose sex was reported as transgender. The category was excluded from the calculation of the percentage of cases attributed to each exposure category.

**Table 1.5 Deaths following AIDS by sex and exposure category, cumulative to 30 September 2007, and for two previous yearly intervals**

Exposure category	1 Oct 05 – 30 Sep 06		1 Oct 06 – 30 Sep 07		Cumulative to 30 Sep 07			%
	Male	Female	Male	Female	Male	Female	Total	
Male homosexual/ bisexual contact	53	–	24	–	5 354	–	5 354	82.4
Male homosexual/ bisexual contact and injecting drug use	5	–	5	–	312	–	312	4.8
Injecting drug use	3	2	1	1	138	63	201	3.1
<i>Heterosexual</i>	2	1	0	1	86	51	137	
<i>Not further specified</i>	1	1	1	0	52	12	64	
Heterosexual contact	8	4	11	6	208	150	358	5.5
<i>Sex with injecting drug user</i>	0	1	0	0	5	14	19	
<i>Sex with bisexual male</i>	–	3	–	0	–	36	36	
<i>From a high prevalence country</i>	0	0	1	1	21	21	42	
<i>Sex with person from a high prevalence country</i>	1	0	1	0	27	11	38	
<i>Sex with person with medically acquired HIV</i>	0	0	0	0	2	7	9	
<i>Sex with HIV infected person, exposure not specified</i>	0	0	0	1	21	16	37	
<i>Not further specified</i>	7	0	9	4	132	45	177	
Haemophilia/ coagulation disorder	2	0	2	0	98	3	101	1.5
Receipt of blood/tissue	2	0	2	2	75	59	134	2.1
Health care setting	0	0	0	0	1	2	3	0.0
<b>Total Adults/ Adolescents</b>	<b>73</b>	<b>6</b>	<b>45</b>	<b>9</b>	<b>6 186</b>	<b>277</b>	<b>6 463</b>	<b>99.4</b>
<b>Children (under 13 years at AIDS diagnosis)</b>								
Mother with/at risk for HIV infection	1	0	0	0	9	10	19	0.3
Haemophilia/ coagulation disorder	0	0	0	0	5	0	5	0.1
Receipt of blood/tissue	0	0	0	0	11	3	14	0.2
<b>Total children</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>13</b>	<b>38</b>	<b>0.6</b>
<b>Sub-total</b>	<b>74</b>	<b>6</b>	<b>45</b>	<b>9</b>	<b>6 211</b>	<b>290</b>	<b>6 501</b>	<b>100.0</b>
Other/undetermined <sup>1</sup>	1	1	5	0	191	13	227	
<b>Total</b>	<b>75</b>	<b>7</b>	<b>50</b>	<b>9</b>	<b>6 402</b>	<b>303</b>	<b>6 728</b>	

1 The 'Other/undetermined' exposure category includes 23 deaths following AIDS in people whose sex was reported as transgender. The category was excluded from the calculation of the percentage of cases attributed to each exposure category.



# The National HIV Database

**Table 2.1 Number of new diagnoses of HIV infection by sex<sup>1</sup> and State/Territory, cumulative to 30 September 2007, and for two previous yearly intervals**

State/Territory	1 Oct 05 – 30 Sep 06		1 Oct 06 – 30 Sep 07		Cumulative to 30 Sep 07			Rate <sup>2</sup>
	Male	Female	Male	Female	Male	Female	Total	
ACT	5	2	5	0	266	32	298	88.6
NSW <sup>3</sup>	333	43	387	55	13 743	914	14 915	217.6
NT	3	3	7	2	136	23	159	74.8
QLD	128	18	163	31	2 847	293	3 149	76.2
SA	48	7	53	12	972	108	1 081	68.6
TAS	5	0	4	2	111	12	123	25.0
VIC <sup>4</sup>	259	24	259	33	5 443	389	5 876	113.8
WA	57	23	61	14	1 263	218	1 488	71.5
<b>Total<sup>5</sup></b>	<b>838</b>	<b>120</b>	<b>939</b>	<b>149</b>	<b>24 781</b>	<b>1 989</b>	<b>27 089<sup>6</sup></b>	<b>129.9</b>

- 1 Sixty nine people (30 NSW, 9 QLD, 1 SA, 22 VIC and 7 WA) whose sex was reported as transgender are included in the total columns of Tables 2.1 – 2.3
- 2 Rate per one hundred thousand current population. Population estimates by sex, State/Territory and calendar interval from *Australian Demographic Statistics* (Australian Bureau of Statistics).
- 3 Cumulative total for NSW includes 228 people whose sex was not reported.
- 4 Cumulative total for VIC includes 22 people whose sex was not reported.
- 5 Cumulative total for Australia includes 250 people whose sex was not reported.
- 6 Estimated number of new diagnoses of HIV infection, adjusted for multiple reports, was 23 360 (range 22 825 to 23 890). Reference: Law MG, McDonald AM and Kaldor JM. Estimation of cumulative HIV incidence in Australia, based on national case reporting. *Aust NZ J Public Health* 1996; 20: 215 - 217

**Table 2.2 Number of new diagnoses of HIV infection for which exposure category was reported, by sex and exposure category, cumulative to 30 September 2007, and for two previous yearly intervals**

Exposure category	1 Oct 05 – 30 Sep 06		1 Oct 06 – 30 Sep 07		Cumulative to 30 Sep 07			%
	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	
Male homosexual/ bisexual contact	600	–	685	–	17 643	–	17 643	76.2
Male homosexual/bisexual contact and injecting drug use	38	–	31	–	1 004	–	1 004	4.4
Injecting drug use	23	7	21	7	710	228	944	4.1
<i>Heterosexual</i>	14	5	10	5	303	170	473	
<i>Not further specified</i>	9	2	11	2	407	58	471	
Heterosexual contact	111	101	131	124	1 545	1 408	2 956	12.7
<i>Sex with injecting drug user</i>	2	5	1	8	37	118	155	
<i>Sex with bisexual male</i>	–	5	–	6	–	159	159	
<i>From a high prevalence country</i>	37	55	32	65	359	495	855	
<i>Sex with person from a high prevalence country</i>	28	10	50	10	350	149	499	
<i>Sex with person with medically acquired HIV</i>	1	2	0	0	6	20	26	
<i>Sex with HIV infected person, exposure not specified</i>	6	7	9	12	96	190	287	
<i>Not further specified</i>	37	17	39	23	697	277	975	
Haemophilia/ coagulation disorder	0	0	0	0	219	4	223	1.0
Receipt of blood/tissue	0	0	0	0	109	102	211	0.9
Health care setting <sup>2</sup>	0	0	0	0	3	9	12	0.0
<b>Total Adults/ Adolescents<sup>1</sup></b>	<b>772</b>	<b>108</b>	<b>868</b>	<b>131</b>	<b>21 233</b>	<b>1 751</b>	<b>22 993</b>	<b>99.2</b>
<b>Children (under 13 years at HIV diagnosis)</b>								
Mother with/at risk for HIV infection <sup>3</sup>	2	3	3	3	45	43	88	0.4
Haemophilia/ coagulation disorder	0	0	0	0	65	0	65	0.3
Receipt of blood/tissue	0	0	0	0	13	9	22	0.1
<b>Total children</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>123</b>	<b>52</b>	<b>175</b>	<b>0.8</b>
<b>Sub-total</b>	<b>774</b>	<b>111</b>	<b>871</b>	<b>134</b>	<b>21 356</b>	<b>1 803</b>	<b>23 168</b>	<b>100.0</b>
Other/undetermined <sup>4</sup>	64	9	68	15	3 425	186	3 921	
<b>Total<sup>1</sup></b>	<b>838</b>	<b>120</b>	<b>939</b>	<b>149</b>	<b>24 781</b>	<b>1 989</b>	<b>27 089<sup>5</sup></b>	

1 Total column includes people whose sex was not reported.

2 'Health care setting' includes 5 cases of occupationally acquired HIV infection and 4 cases of HIV transmission in surgical rooms.

3 A total of 420 children were notified as having been born to women with HIV infection, cumulative to 30 September 2007.

4 The 'Other/undetermined' exposure category includes 3 893 adults/adolescents and 28 children. Sixty nine people whose sex was reported as transgender were included in the 'Other/undetermined' category. The 'Other/undetermined' category was excluded from the calculation of the percentage of cases attributed to each exposure category.

5 See footnote Table 2.1

**Table 2.3 Number of new diagnoses of HIV infection by sex and age group, cumulative to 30 September 2007, and for two previous yearly intervals**

Age group (years)	1 Oct 05 – 30 Sep 06		1 Oct 06 – 30 Sep 07		Cumulative to 30 Sep 07			%
	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	
0–2	0	3	2	0	46	27	74	0.3
3–12	2	0	2	4	95	30	125	0.4
0–12	2	3	4	4	141	57	199	0.7
13–19	9	3	5	7	469	114	591	2.2
20–29	172	51	192	42	7 775	774	8 672	32.0
30–39	299	40	321	57	9 252	604	9 961	36.8
40–49	227	17	259	26	4 682	239	4 966	18.3
50–59	90	5	108	9	1 726	90	1 828	6.7
60+	38	1	49	4	598	79	681	2.5
Not reported	1	0	1	0	138	32	191	0.7
<b>Total<sup>1</sup></b>	<b>838</b>	<b>120</b>	<b>939</b>	<b>149</b>	<b>24 781</b>	<b>1 989</b>	<b>27 089</b>	<b>100.0</b>

1 See footnotes Table 2.1

**Table 2.4 Number of new diagnoses of HIV infection in the year 1 October 2006 to 30 September 2007 for which primary HIV infection was diagnosed or the date of a prior negative test was within one year of diagnosis of HIV infection, by sex and State/Territory and for two six month intervals of HIV diagnosis**

State/Territory	1 Oct 06 – 31 Mar 07		1 Apr 07 – 30 Sep 07		1 Oct 06 to 30 Sep 07		
	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>
ACT	1	0	0	0	1	0	1
NSW <sup>1</sup>	75	4	60	2	135	6	142
NT	3	0	0	0	3	0	3
QLD	36	1	18	0	54	1	55
SA	8	0	4	0	12	0	12
TAS	0	0	0	0	0	0	0
VIC	46	6	44	1	90	7	97
WA	8	0	9	0	17	0	17
<b>Total<sup>1</sup></b>	<b>177</b>	<b>11</b>	<b>135</b>	<b>3</b>	<b>312</b>	<b>14</b>	<b>327</b>

1 Totals include 1 person whose sex was reported as transgender.

**Table 2.5** Number of new diagnoses of HIV infection in the year 1 October 2006 to 30 September 2007 for which primary HIV infection was diagnosed or the date of a prior negative test was within one year of diagnosis of HIV infection, by sex and exposure category and for two six month intervals of HIV diagnosis

Exposure category	1 Oct 06 – 31 Mar 07		1 Apr 07 – 30 Sep 07		1 Oct 06 to 30 Sep 07		Total <sup>1</sup>
	Male	Female	Male	Female	Male	Female	
Male homosexual/bisexual contact	156	–	114	–	270	–	270
Male homosexual/bisexual contact and injecting drug use	7	–	2	–	9	–	9
Injecting drug use (female and heterosexual male)	0	0	1	0	1	0	1
Heterosexual contact	10	10	12	2	22	12	34
Health care setting	0	0	0	0	0	0	0
Other/undetermined <sup>1</sup>	4	1	6	1	10	2	13
<b>Total<sup>1</sup></b>	<b>177</b>	<b>11</b>	<b>135</b>	<b>3</b>	<b>312</b>	<b>14</b>	<b>327</b>

1. See Footnote Table 2.4

**Table 2.6** Number of new diagnoses of HIV infection in the year 1 October 2006 to 30 September 2007 for which primary HIV infection was diagnosed or the date of a prior negative test was within one year of diagnosis of HIV infection, by sex and age group and for two six month intervals of HIV diagnosis

Age Group (years)	1 Oct 06 – 31 Mar 07		1 Apr 07 – 30 Sep 07		1 Oct 06 to 30 Sep 07		Total <sup>1</sup>
	Male	Female	Male	Female	Male	Female	
13 – 19	2	2	3	0	5	2	7
20 – 29 <sup>1</sup>	46	2	33	1	79	3	83
30 – 39	62	2	50	1	112	3	115
40 – 49	46	3	33	1	79	4	83
50 – 59	12	2	10	0	22	2	24
60+	9	0	6	0	15	0	15
<b>Total<sup>1</sup></b>	<b>177</b>	<b>11</b>	<b>135</b>	<b>3</b>	<b>312</b>	<b>14</b>	<b>327</b>

1. See Footnote Table 2.4

## Sentinel surveillance of HIV infection in sexual health clinics

**Table 3.1** Number of people seen, number of people tested for HIV antibody and number of people newly diagnosed with HIV infection, by sex and sexual health clinic, during the quarter 1 July to 30 September 2007

Sexual health clinic	Seen at Clinic		Tested for HIV antibody		Newly diagnosed with HIV infection		Total
	Male	Female	Male	Female	Male	Female	
Sydney Sexual Health Centre, NSW	1 549	805	769	348	3	0	3
Sydney South West Sexual Health Centre, NSW	297	108	152	35	0	1	1
Brisbane Sexual Health Clinic, QLD	1 031	787	521	253	4	0	4
Gold Coast Sexual Health Clinic, QLD	648	473	210	182	2	0	2
Clinic 275, Adelaide, SA	1 591	979	982	750	2	0	2
Melbourne Sexual Health Centre, VIC	1 834	1 538	977	693	8	1	9
<b>Total</b>	<b>6 950</b>	<b>4 690</b>	<b>3 611</b>	<b>2 261</b>	<b>19</b>	<b>2</b>	<b>21</b>

**Table 3.2** Number of people seen who had a *previous negative HIV antibody test*, percent retested for HIV antibody and number (percent) newly diagnosed with HIV infection, by sex and exposure category, during the quarter 1 July to 30 September 2007

Exposure category	Previous negative HIV antibody test		% retested for HIV antibody		Newly diagnosed with HIV infection			%
	Male	Female	Male	Female	Male	Female	Total	
Male homosexual/bisexual contact	1 838	--	69.5	--	14	--	14	1.1
Male homosexual/bisexual contact and injecting drug use	112	--	62.5	--	1	--	1	1.4
Injecting drug use (female and heterosexual male)	116	89	49.1	47.2	0	0	0	0.0
Heterosexual contact	2 039	1 667	44.1	45.5	0	0	0	0.0
<i>outside Australia</i>	472	306	53.2	54.6	0	0	0	0.0
<i>within Australia only</i>	1 567	1 361	41.4	43.4	0	0	0	0.0
Sex worker	--	890	--	55.4	--	0	0	0.0
Sex worker and injecting drug use	--	92	--	59.8	--	0	0	0.0
Other/undetermined	35	91	40.0	36.3	0	0	0	0.0
<b>Total</b>	<b>4 140</b>	<b>2 829</b>	<b>56.0</b>	<b>48.8</b>	<b>15</b>	<b>0</b>	<b>15</b>	<b>0.4</b>

**Table 3.3** Number of people seen with *no previous HIV antibody test*, percent tested for HIV antibody for the first time, and number (percent) newly diagnosed with HIV infection, by sex and exposure category, during the quarter 1 July to 30 September 2007

Exposure category	No previous HIV antibody test		% tested for HIV antibody		Newly diagnosed with HIV infection			%
	Male	Female	Male	Female	Male	Female	Total	
Male homosexual/bisexual contact	530	--	79.8	--	3	--	3	0.7
Male homosexual/bisexual contact and injecting drug use	32	--	96.9	--	0	--	0	0.0
Injecting drug use (female and heterosexual male)	42	19	64.3	100.0	0	0	0	0.0
Heterosexual contact	1 644	1 548	47.6	47.2	1	2	3	0.2
<i>outside Australia</i>	396	319	52.3	53.6	0	0	0	0.0
<i>within Australia only</i>	1 248	1 229	46.1	45.5	1	2	3	0.3
Sex worker	--	101	--	84.2	--	0	0	0.0
Sex worker and injecting drug use	--	7	--	100.0	--	0	0	0.0
Other/undetermined	224	162	12.9	21.0	0	0	0	0.0
<b>Total</b>	<b>2 472</b>	<b>1 837</b>	<b>52.3</b>	<b>47.9</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>0.3</b>

**Table 3.4** Number of people seen, number of people tested for HIV antibody and number of people newly diagnosed with HIV infection, by sex and age group, during the quarter 1 July to 30 September 2007

Age group (years)	Seen at Clinic		Tested for HIV antibody		Newly diagnosed with HIV infection		
	Male	Female	Male	Female	Male	Female	Total
13 – 19	255	495	157	189	0	1	1
20 – 29	2 926	2 388	1 522	1 193	9	1	10
30 – 39	1 930	1 161	1 043	559	4	0	4
40 – 49	1 103	474	554	239	3	0	3
50 – 59	517	141	229	72	3	0	3
60+	219	31	106	9	0	0	0
<b>Total</b>	<b>6 950</b>	<b>4 690</b>	<b>3 611</b>	<b>2 261</b>	<b>19</b>	<b>2</b>	<b>21</b>

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### Australian HIV Surveillance Report

National Centre in HIV Epidemiology and Clinical Research

ISSN 1035-221X

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## Notes

**The National AIDS Registry** is maintained by NCHECR on behalf of the National Blood Borne Virus and Sexually Transmissible Infections Surveillance Committee, which consists of representatives from NCHECR, the Health Departments of each State and Territory, the affected communities and the Australian Government Department of Health and Ageing. The Registry is based on reports from doctors who diagnose AIDS, made to the Health Department in the State/Territory of diagnosis. Date of birth and a name code (first two letters of first and last name) are used to minimise duplicate registration, while maintaining confidentiality.

**The National HIV Registry** is maintained by NCHECR on behalf of the National Blood Borne Virus and Sexually Transmissible Infections Surveillance Committee. It is based on reports of new diagnoses of HIV infection from HIV Reference Laboratories (ACT, NSW, TAS, VIC), or from a combination of Reference Laboratory and diagnosing doctors (NT, QLD, SA, WA). In order to avoid counting the same case more than once, only diagnoses which are determined to be new by the diagnosing laboratory or doctor are reported for the purposes of national surveillance.

**Sentinel surveillance** is carried out by six sexual health clinics in five Australian cities, which send quarterly reports on HIV antibody testing to NCHECR. Tabulations from the National AIDS Registry, the National HIV Registry and Sentinel HIV Surveillance in sexual health clinics are based on data available three months after the end of the reporting interval indicated, to allow for reporting delay and to incorporate newly available information.

**Abbreviations:** HIV is the human immunodeficiency virus, and unless otherwise specified, refers to HIV-1 only. AIDS is the acquired immunodeficiency syndrome and STI stands for sexually transmissible infection. High prevalence countries are those of sub-Saharan Africa, the Caribbean and specific countries in South East Asia (Cambodia, Myanmar and Thailand), where HIV prevalence is above 1% and transmission is believed to be predominantly heterosexual. The Australian States and Territories are: Australian Capital Territory (ACT), New South Wales (NSW), Northern Territory (NT), Queensland (QLD), South Australia (SA), Tasmania (TAS), Victoria (VIC) and Western Australia (WA). NCHECR is the National Centre in HIV Epidemiology and Clinical Research.

### All data in this report are provisional and subject to future revision.

The Australian HIV Surveillance Report is produced by the National Centre in HIV Epidemiology and Clinical Research on a quarterly basis, issued in January, April, July and October. Subscription is free, and can be obtained by writing to the Editor or by calling the Epidemiology Section of the NCHECR:

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State/Territory publications of surveillance data, available through the Internet, are listed below:

<b>NSW Public Health Bulletin</b>	<a href="http://www.health.nsw.gov.au/public-health/phb/phb.html">www.health.nsw.gov.au/public-health/phb/phb.html</a>
<b>The Northern Territory Disease Control Bulletin</b>	<a href="http://www.nt.gov.au/health/cdc/aids_std/report/index.shtml">www.nt.gov.au/health/cdc/aids_std/report/index.shtml</a>
<b>Sexually Transmitted Diseases in South Australia</b>	<a href="http://www.stdservices.on.net/publications">www.stdservices.on.net/publications</a>
<b>Victorian Infectious Diseases Bulletin</b>	<a href="http://www.dhs.vic.gov.au/phd/vidb/">www.dhs.vic.gov.au/phd/vidb/</a>
<b>Disease WAtch</b>	<a href="http://www.public.health.wa.gov.au/">www.public.health.wa.gov.au/</a>

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