



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

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## Diagnoses in the third quarter

### 1 July – 30 September 2006

- a total of 234 diagnoses of HIV infection, 49 diagnoses of AIDS and 20 deaths following AIDS were reported, by 31 December 2006, to have occurred in the third quarter of 2006
- following adjustment for reporting delay, the estimated numbers of AIDS diagnoses and deaths following AIDS occurring in the third quarter of 2006 were 72 and 34
- in comparison, 226 diagnoses of HIV infection, 54 diagnoses of AIDS and 18 deaths following AIDS were reported by 31 December 2006, to have occurred in the third quarter of 2005

### New HIV infection

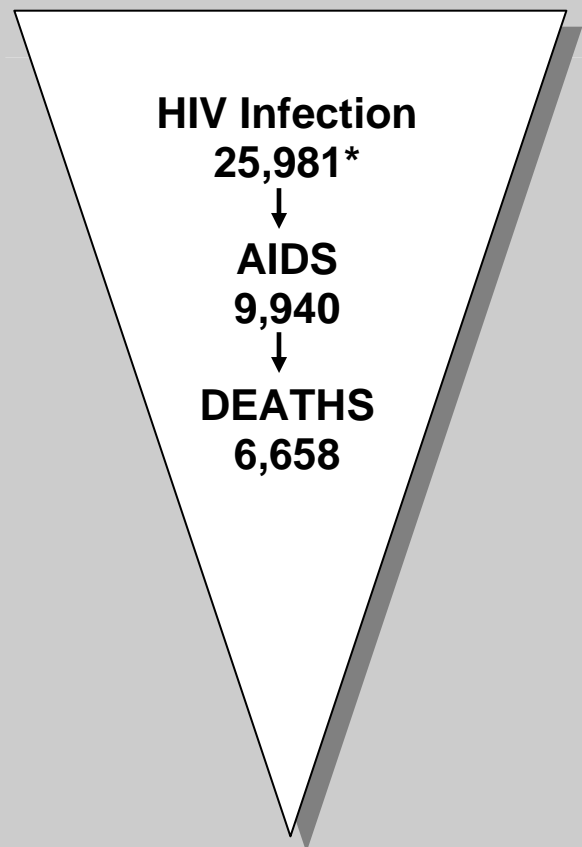
During the third quarter of 2006, 60 males were reported as having newly acquired HIV infection identified by a negative test within the 12 months prior to diagnosis or the diagnosis of HIV seroconversion illness. A history of homosexual contact, with or without a history of injecting drug use, was reported in 56 (93.3%) cases.

### Diagnoses in the year to 30 September 2006

- 1,183 diagnoses of HIV infection
- 180 diagnoses of AIDS
- 72 deaths following AIDS were reported by 31 December 2006

## The HIV Epidemic in Australia

### A cumulative profile to 30 September 2006



- Estimated number of new diagnoses of HIV infection, adjusted for multiple reports, was 23,065 (range 22,540 – 23,310).

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## Announcements

The **4th IAS Conference on HIV Pathogenesis and Treatment** will be held in Sydney on 22 – 25 July 2007. Further information may be obtained through the website <http://www.ias2007.org/>

### **Australian HIV Surveillance Report**

From January 2007, the Australian HIV Surveillance Report will no longer be printed but will be available electronically on a quarterly basis through the website <http://www.med.unsw.edu.au/nchechr>.

If you would like to receive an e-mail alert of the release of a new issue of the *Australian HIV Surveillance Report*, please subscribe to the email alert system by completing and returning the enclosed form or by completing the subscription form on our website <http://www.med.unsw.edu.au/nchechr>.

The *Australian HIV Surveillance Report* will continue to include quarterly updates of the number of new diagnoses of HIV infection and AIDS, and estimates of HIV prevalence and incidence available through a network of metropolitan sexual health clinics in Australia.

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## **HIV diagnoses**

People diagnosed with HIV infection in the year to 30 September 2006 had an average age of 38 years and 1.3% was in the age group 13 – 19 years

- 87.5% were male, 12.3% were female and gender was reported as transsexual in 0.2%
- of 949 cases of HIV infection, newly diagnosed among males in the year to 30 September 2006 for which an exposure to HIV was reported, 789 (83.1%) were attributed to male homosexual/bisexual contact, with or without a history of injecting drug use.

## **Total diagnoses to 30 September 2006**

- 25,981 diagnoses of HIV infection
- 23,065 diagnoses of HIV infection following adjustment for multiple reporting
- 9,940 diagnoses of AIDS
- 6,658 deaths following AIDS were reported by 31 December 2006

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

Five sexual health clinics in Adelaide, Brisbane, Gold Coast, Melbourne and Sydney tested 4,996 people in the quarter 1 July – 30 September 2006 who were not previously known to have HIV infection

- of 868 men reported as having been tested for the first time, 4 (0.5%) were found to have HIV infection
- of 2,467 men, reported as having been retested following a previous negative test, 14 (0.6%) were found to have HIV infection
- of 1,196 homosexually active men who were retested following a previous negative test, 11 (0.9%) 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 2006, and for two previous yearly intervals**

## Cases

State/Territory	1 Oct 04 – 30 Sep 05		1 Oct 05 – 30 Sep 06		Cumulative to 30 Sep 06			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
ACT	1	0	0	0	93	10	103	1.0
NSW	93	16	70	5	5 375	250	5 642	56.8
NT	1	0	2	1	43	3	46	0.5
QLD	21	6	21	2	1 022	70	1 094	11.0
SA	8	1	7	1	399	32	432	4.3
TAS	2	0	0	0	50	4	54	0.5
VIC	48	9	56	5	1 984	110	2 106	21.2
WA	8	1	8	2	423	38	463	4.7
<b>Total</b>	<b>182</b>	<b>33</b>	<b>164</b>	<b>16</b>	<b>9 389</b>	<b>517</b>	<b>9 940</b>	<b>100.0</b>

## Deaths

State/Territory	1 Oct 04 – 30 Sep 05		1 Oct 05 – 30 Sep 06		Cumulative to 30 Sep 06			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
ACT	1	1	2	0	74	7	81	1.2
NSW	41	2	24	3	3 572	136	3 719	55.9
NT	0	0	0	0	26	1	27	0.4
QLD	10	0	13	1	661	42	705	10.6
SA	2	0	4	0	276	20	296	4.4
TAS	0	0	0	0	32	2	34	0.5
VIC	12	1	22	1	1 410	60	1 479	22.2
WA	6	0	2	0	292	24	317	4.8
<b>Total</b>	<b>72</b>	<b>4</b>	<b>67</b>	<b>5</b>	<b>6 343</b>	<b>292</b>	<b>6 658</b>	<b>100.0</b>

† Totals include 34 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 04 – 30 Sep 05			1 Oct 05 – 30 Sep 06		
	Male	Female	Total	Male	Female	Total
ACT	6.2	0.0	3.1	0.0	0.0	0.0
NSW	27.6	4.7	16.1	20.6	1.5	11.0
NT	9.4	0.0	4.9	18.3	10.3	14.5
QLD	10.6	3.0	6.8	10.3	1.0	5.7
SA	10.5	1.3	5.8	9.1	1.3	5.1
TAS	8.4	0.0	4.1	0.0	0.0	0.0
VIC	19.4	3.5	11.3	22.3	1.9	12.0
WA	7.9	1.0	4.5	7.8	2.0	4.9
<b>Total</b>	<b>18.0</b>	<b>3.2</b>	<b>10.6</b>	<b>16.0</b>	<b>1.5</b>	<b>8.7</b>

1 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 2006, and for two previous yearly intervals**

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

Age group (years)	1 Oct 04 – 30 Sep 05		1 Oct 05 – 30 Sep 06		Cumulative to 30 Sep 06			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
0–2	0	0	0	0	9	9	18	0.2
2–12	0	0	0	0	21	11	32	0.3
0–12	0	0	0	0	30	20	50	0.5
13–19	1	0	0	0	28	5	33	0.3
20–29	12	3	10	2	1 432	120	1 567	15.8
30–39	54	13	54	8	3 857	192	4 060	40.8
40–49	65	11	61	4	2 700	97	2 801	28.2
50–59	33	4	21	0	991	44	1 039	10.5
60+	17	2	18	2	351	39	390	3.9
<b>Total</b>	<b>182</b>	<b>33</b>	<b>164</b>	<b>16</b>	<b>9 389</b>	<b>517</b>	<b>9 940</b>	<b>100.0</b>

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

Age group (years)	1 Oct 04 – 30 Sep 05		1 Oct 05 – 30 Sep 06		Cumulative to 30 Sep 06			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
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	0	0	1	0	15	3	18	0.3
20–29	1	0	1	0	690	49	750	11.3
30–39	18	2	8	0	2 472	104	2 585	38.8
40–49	27	2	32	3	2 051	57	2 110	31.7
50–59	14	0	13	0	800	32	833	12.5
60+	12	0	12	2	293	35	328	4.9
<b>Total</b>	<b>72</b>	<b>4</b>	<b>67</b>	<b>5</b>	<b>6 343</b>	<b>292</b>	<b>6 658</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 2006, and for two previous yearly intervals**

Exposure category	1 Oct 04 – 30 Sep 05		1 Oct 05 – 30 Sep 06		Cumulative to 30 Sep 06			%
	Male	Female	Male	Female	Male	Female	Total	
Male homosexual/ bisexual contact	112	–	112	–	7 671	–	7 671	80.1
Male homosexual/ bisexual contact and injecting drug use	20	–	7	–	472	–	472	4.9
Injecting drug use	9	5	9	1	227	102	331	3.5
<i>Heterosexual</i>	2	4	4	1	139	77	216	
<i>Not further specified</i>	7	1	5	0	88	25	115	
Heterosexual contact	24	26	27	12	472	300	772	8.1
<i>Sex with injecting drug user</i>	0	3	0	2	9	31	40	
<i>Sex with bisexual male</i>	–	2	–	0	–	50	50	
<i>From a high prevalence country</i>	6	12	7	7	89	85	174	
<i>Sex with person from a high prevalence country</i>	6	2	5	2	77	24	101	
<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>	1	3	0	0	39	36	75	
<i>Not further specified</i>	11	4	15	1	256	64	320	
Haemophilia/coagulation disorder	1	0	0	0	121	3	124	1.3
Receipt of blood/tissue	2	1	1	0	83	66	149	1.6
Health care setting	0	0	0	0	1	3	4	0.0
<b>Total Adults/ Adolescents</b>	<b>168</b>	<b>32</b>	<b>156</b>	<b>13</b>	<b>9 047</b>	<b>474</b>	<b>9 523</b>	<b>99.5</b>
<b>Children (under 13 years at AIDS diagnosis)</b>								
Mother with/at risk for HIV infection	1	0	0	0	15	17	32	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>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31</b>	<b>20</b>	<b>51</b>	<b>0.5</b>
<b>Sub-total</b>	<b>169</b>	<b>32</b>	<b>156</b>	<b>13</b>	<b>9 078</b>	<b>494</b>	<b>9 574</b>	<b>100.0</b>
Other/undetermined <sup>1</sup>	13	1	8	3	311	23	366	
<b>Total</b>	<b>182</b>	<b>33</b>	<b>164</b>	<b>16</b>	<b>9 389</b>	<b>517</b>	<b>9 940</b>	

1 The 'Other/undetermined' exposure category includes 32 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 2006, and for two previous yearly intervals**

Exposure category	1 Oct 04 – 30 Sep 05		1 Oct 05 – 30 Sep 06		Cumulative to 30 Sep 06			%
	Male	Female	Male	Female	Male	Female	Total	
Male homosexual/ bisexual contact	44	–	46	–	5 323	–	5 323	82.6
Male homosexual/ bisexual contact and injecting drug use	5	–	5	–	307	–	307	4.8
Injecting drug use	5	1	3	2	137	62	200	3.1
<i>Heterosexual</i>	1	1	2	1	86	50	136	
<i>Not further specified</i>	4	0	1	1	51	12	64	
Heterosexual contact	9	2	7	3	202	143	345	5.4
<i>Sex with injecting drug user</i>	0	0	0	1	5	14	19	
<i>Sex with bisexual male</i>	–	0	–	2	–	35	35	
<i>From a high prevalence country</i>	0	0	0	0	20	20	40	
<i>Sex with person from a high prevalence country</i>	2	1	0	0	25	11	36	
<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>	1	1	0	0	26	17	43	
<i>Not further specified</i>	6	0	7	0	124	39	163	
Haemophilia/ coagulation disorder	1	0	2	0	95	3	98	1.5
Receipt of blood/tissue	2	1	2	0	72	57	129	2.0
Health care setting	0	0	0	0	1	2	3	0.0
<b>Total Adults/ Adolescents</b>	<b>66</b>	<b>4</b>	<b>65</b>	<b>5</b>	<b>6 137</b>	<b>267</b>	<b>6 405</b>	<b>99.4</b>
<b>Children (under 13 years at AIDS diagnosis)</b>								
Mother with/at risk for HIV infection	0	0	1	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>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>25</b>	<b>13</b>	<b>38</b>	<b>0.6</b>
<b>Sub-total</b>	<b>66</b>	<b>4</b>	<b>66</b>	<b>5</b>	<b>6 162</b>	<b>280</b>	<b>6 443</b>	<b>100.0</b>
Other/undetermined <sup>1</sup>	6	0	1	0	181	12	215	
<b>Total</b>	<b>72</b>	<b>4</b>	<b>67</b>	<b>5</b>	<b>6 343</b>	<b>292</b>	<b>6 658</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 2006, and for two previous yearly intervals**

State/Territory	1 Oct 04 – 30 Sep 05		1 Oct 05 – 30 Sep 06		Cumulative to 30 Sep 06			Rate <sup>2</sup>
	Male	Female	Male	Female	Male	Female	Total	
ACT	7	0	4	2	259	32	291	88.7
NSW <sup>3</sup>	380	44	333	42	13 352	855	14 465	212.2
NT	3	0	4	2	130	20	150	72.8
QLD	152	17	126	19	2 683	261	2 953	73.2
SA	42	6	48	7	920	96	1 017	65.5
TAS	5	0	5	0	99	8	107	21.9
VIC <sup>4</sup>	211	27	260	24	5 187	356	5 587	110.0
WA	46	16	56	23	1 201	203	1 411	69.1
<b>Total<sup>5</sup></b>	<b>846</b>	<b>110</b>	<b>836</b>	<b>119</b>	<b>23 831</b>	<b>1 831</b>	<b>25 981<sup>6</sup></b>	<b>126.4</b>

- 1 Sixty seven people (28 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 230 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 252 people whose sex was not reported.
- 6 Estimated number of new diagnoses of HIV infection, adjusted for multiple reports, was 23 065 (range 22 540 to 23 595). 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 2006, and for two previous yearly intervals**

Exposure category	1 Oct 04 – 30 Sep 05		1 Oct 05 – 30 Sep 06		Cumulative to 30 Sep 06			%
	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	
Male homosexual/ bisexual contact	634	–	592	–	16 926	–	16 926	76.5
Male homosexual/bisexual contact and injecting drug use	32	–	37	–	966	–	966	4.4
Injecting drug use	23	6	23	7	687	218	911	4.1
<i>Heterosexual</i>	11	5	14	5	293	161	454	
<i>Not further specified</i>	12	1	9	2	394	57	457	
Heterosexual contact	79	94	112	98	1 417	1 277	2 699	12.2
<i>Sex with injecting drug user</i>	2	8	2	5	36	110	146	
<i>Sex with bisexual male</i>	–	9	–	5	–	152	152	
<i>From a high prevalence country</i>	22	43	38	53	327	422	752	
<i>Sex with person from a high prevalence country</i>	29	5	28	10	301	139	440	
<i>Sex with person with medically acquired HIV</i>	1	0	1	2	6	20	26	
<i>Sex with HIV infected person, exposure not specified</i>	3	11	5	6	86	176	263	
<i>Not further specified</i>	22	18	38	17	661	258	920	
Haemophilia/ coagulation disorder	0	0	0	0	218	4	222	1.0
Receipt of blood/tissue	0	1	0	0	109	102	211	1.0
Health care setting <sup>2</sup>	0	0	0	0	3	9	12	0.0
<b>Total Adults/ Adolescents<sup>1</sup></b>	<b>768</b>	<b>101</b>	<b>764</b>	<b>105</b>	<b>20 326</b>	<b>1 610</b>	<b>21 947</b>	<b>99.2</b>
<b>Children (under 13 years at HIV diagnosis)</b>								
Mother with/at risk for HIV infection <sup>3</sup>	1	3	2	3	43	41	84	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>1</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>121</b>	<b>50</b>	<b>171</b>	<b>0.8</b>
<b>Sub-total</b>	<b>769</b>	<b>104</b>	<b>766</b>	<b>108</b>	<b>20 447</b>	<b>1 660</b>	<b>22 118</b>	<b>100.0</b>
Other/undetermined <sup>4</sup>	77	6	70	11	3 384	171	3 863	
<b>Total<sup>1</sup></b>	<b>846</b>	<b>110</b>	<b>836</b>	<b>119</b>	<b>23 831</b>	<b>1 831</b>	<b>25 981<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 383 children were notified as having been born to women with HIV infection, cumulative to 30 September 2006.

4 The 'Other/undetermined' exposure category includes 3 841 adults/adolescents and 22 children. Sixty seven 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 2006, and for two previous yearly intervals

Age group (years)	1 Oct 04 – 30 Sep 05		1 Oct 05 – 30 Sep 06		Cumulative to 30 Sep 06			%
	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	
0–2	0	1	0	3	44	27	72	0.3
3–12	1	2	2	1	93	27	120	0.5
0–12	1	3	2	4	137	54	192	0.8
13–19	11	3	9	3	463	106	577	2.2
20–29	166	33	172	49	7 579	727	8 428	32.4
30–39	320	44	294	41	8 925	546	9 577	36.9
40–49	215	15	228	17	4 425	211	4 681	18.0
50–59	95	9	92	4	1 615	80	1 707	6.6
60+	38	3	38	1	546	75	625	2.4
Not reported	0	0	1	0	141	32	194	0.7
<b>Total<sup>1</sup></b>	<b>846</b>	<b>110</b>	<b>836</b>	<b>119</b>	<b>23 831</b>	<b>1 831</b>	<b>25 981</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 2005 to 30 September 2006 for which an HIV seroconversion illness 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 05 – 31 Mar 06		1 Apr 06 – 30 Sep 06		1 Oct 05 – 30 Sep 06		
	Male	Female	Male	Female	Male	Female	Total
ACT	2	1	0	0	2	1	3
NSW	57	1	44	1	101	2	103
NT	0	0	0	0	0	0	0
QLD	23	0	15	1	38	1	39
SA	5	0	8	0	13	0	13
TAS	0	0	0	0	0	0	0
VIC	27	2	48	2	75	4	79
WA	3	1	6	2	9	3	12
<b>Total</b>	<b>117</b>	<b>5</b>	<b>121</b>	<b>6</b>	<b>238</b>	<b>11</b>	<b>249</b>

**Table 2.5** Number of new diagnoses of HIV infection in the year 1 October 2005 to 30 September 2006 for which an HIV seroconversion illness 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 05 – 31 Mar 06		1 Apr 06 – 30 Sep 06		1 Oct 05 – 30 Sep 06		Total
	Male	Female	Male	Female	Male	Female	
Male homosexual/bisexual contact	98	–	107	–	205	–	205
Male homosexual/bisexual contact and injecting drug use	5	–	6	–	11	–	11
Injecting drug use (female and heterosexual male)	1	0	0	2	1	2	3
Heterosexual contact	6	5	5	4	11	9	20
Health care setting	0	0	0	0	0	0	0
Other/undetermined	7	0	3	0	10	0	10
<b>Total</b>	<b>117</b>	<b>5</b>	<b>121</b>	<b>6</b>	<b>238</b>	<b>11</b>	<b>249</b>

**Table 2.6** Number of new diagnoses of HIV infection in the year 1 October 2005 to 30 September 2006 for which an HIV seroconversion illness 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 05 – 31 Mar 06		1 Apr 06 – 30 Sep 06		1 Oct 05 – 30 Sep 06		Total
	Male	Female	Male	Female	Male	Female	
13 – 19	3	0	1	0	4	0	4
20 – 29	33	1	25	2	58	3	61
30 – 39	43	1	53	3	96	4	100
40 – 49	26	2	27	1	53	3	56
50 – 59	9	1	11	0	20	1	21
60+	3	0	4	0	7	0	7
<b>Total</b>	<b>117</b>	<b>5</b>	<b>121</b>	<b>6</b>	<b>238</b>	<b>11</b>	<b>249</b>

## 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 2006

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	1 206	600	533	235	5	0	5
Brisbane Sexual Health Clinic, QLD	951	869	313	175	3	0	3
Gold Coast Sexual Health Clinic, QLD	637	487	157	163	4	1	5
Clinic 275, Adelaide, SA	1 280	755	961	521	2	0	2
Melbourne Sexual Health Centre, VIC	1 756	1 339	1 371	567	4	1	5
<b>Total</b>	<b>5 830</b>	<b>4 050</b>	<b>3 335</b>	<b>1 661</b>	<b>18</b>	<b>2</b>	<b>20</b>

1 Data for Livingstone Road Sexual Health Centre, Marrickville, NSW, was not available for this quarter.

**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 2006

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	1 525	–	78.4	–	11	–	11	0.9
Male homosexual/bisexual contact and injecting drug use	90	–	85.6	–	2	–	1	2.6
Injecting drug use (female and heterosexual male)	130	94	58.5	42.5	0	0	1	0.9
Heterosexual contact	1 757	1 486	62.2	39.6	1	0	1	0.1
<i>outside Australia</i>	405	260	72.3	50.0	1	0	1	0.2
<i>within Australia only</i>	1 352	1 226	59.2	37.4	0	0	0	0.0
Sex worker	–	639	–	56.3	–	0	0	0.0
Sex worker and injecting drug use	–	53	–	64.2	–	1	1	2.9
Other/undetermined	51	100	49.0	42.0	0	0	0	0.0
<b>Total</b>	<b>3 553</b>	<b>2 372</b>	<b>69.4</b>	<b>44.9</b>	<b>14</b>	<b>1</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 2006

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	346	–	55.2	–	3	–	3	1.6
Male homosexual/bisexual contact and injecting drug use	20	–	100.0	–	0	–	0	0.0
Injecting drug use (female and heterosexual male)	40	16	17.5	100.0	0	0	0	0.0
Heterosexual contact	1 370	1 370	45.8	37.1	1	1	2	0.2
<i>outside Australia</i>	334	248	54.8	46.8	1	0	1	0.3
<i>within Australia only</i>	1 036	1 122	43.0	34.9	0	1	1	0.1
Sex worker	–	68	–	55.9	–	0	0	0.0
Sex worker and injecting drug use	–	11	–	36.4	–	0	0	0.0
Other/undetermined	242	189	13.2	15.9	0	0	0	0.0
<b>Total</b>	<b>2 018</b>	<b>1 654</b>	<b>43.0</b>	<b>36.0</b>	<b>4</b>	<b>1</b>	<b>5</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 2006

Age group (years)	Seen at Clinic		Tested for HIV antibody		Newly diagnosed with HIV infection		
	Male	Female	Male	Female	Male	Female	Total
13 – 19	217	434	128	150	0	0	0
20 – 29	2 517	2 126	1 472	830	5	2	7
30 – 39	1 596	961	952	431	6	0	6
40 – 49	911	407	488	197	6	0	6
50 – 59	410	106	217	50	1	0	1
60+	179	16	78	3	0	0	0
<b>Total</b>	<b>5 830</b>	<b>4 050</b>	<b>3 335</b>	<b>1 661</b>	<b>18</b>	<b>2</b>	<b>20</b>

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### Australian HIV Surveillance Report

National Centre in HIV Epidemiology and Clinical Research

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## Notes

**The National AIDS Registry** is maintained by NCHECR on behalf of the National HIV Surveillance Committee, which consists of representatives from NCHECR, and the Health Departments of each State and Territory and the Commonwealth of Australia. 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 Database** is maintained by NCHECR on behalf of the National HIV 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 Database 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.

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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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