

# The Kirby Institute Australian HIV Surveillance Report

Vol 27 No 3 July 2011

## Diagnoses in the first quarter

### 1 January – 31 March 2011

a total of 267 diagnoses of HIV infection, 30 diagnoses of AIDS and 5 deaths following AIDS were reported, by 30 June 2011, to have occurred in the first quarter of 2011

in comparison, 282 diagnoses of HIV infection, 34 diagnoses of AIDS and 7 deaths following AIDS were reported by 30 June 2011, to have occurred in the first quarter of 2010

### New HIV infection

During the first quarter of 2011, 98 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. Men who had sex with men, with or without a history of injecting drug use, accounted for 90.8% (89) of cases.

### Diagnoses in the year to 31 March 2011

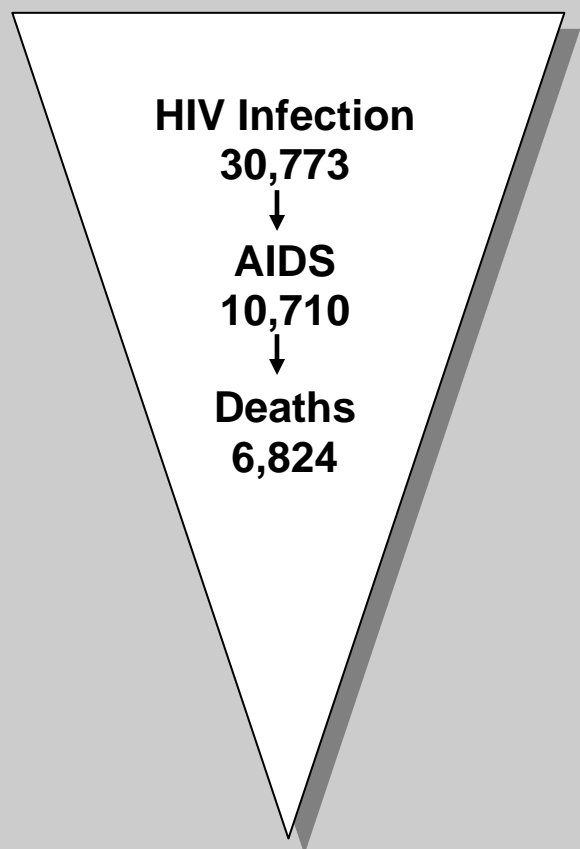
1 038 diagnoses of HIV infection

120 diagnoses of AIDS

21 deaths following AIDS were reported by 30 June 2011

## HIV diagnoses in Australia

A cumulative profile to  
31 March 2011



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## Announcements

The **23rd annual ASHM Conference** will be held in Canberra, Australian Capital Territory, Australia, on 26 – 28 September 2011. The conference will be held at the National Convention Centre, Canberra. Further information may be obtained through the website <http://www.hivaidconference.com.au>.

The **2011 Australasian Sexual Health Conference** will also be held in Canberra, Australian Capital Territory, on 28 – 30 September 2011. Further information may be obtained through the website <http://www.hivaidconference.com.au>

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## **HIV diagnoses**

People diagnosed with HIV infection in the year to 31 March 2011 had an average age of 38 years and 1.7% was in the age group 13 – 19 years

87.3% were male and 12.6% were female of 849 cases of HIV infection, newly diagnosed among adult/adolescent males in the year to 31 March 2011 for which an exposure to HIV was reported, 704 (82.9%) were attributed to men who had sex with men, with or without a history of injecting drug use.

## **Total diagnoses to 31 March 2011**

30 773 diagnoses of HIV infection

10 710 diagnoses of AIDS

6 824 deaths following AIDS were reported by 30 June 2011

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

Six sexual health clinics in Adelaide, Brisbane, Gold Coast, Melbourne and Sydney tested 7 078 people in the quarter 1 January – 31 March 2011 who were not previously known to have HIV infection.

of 1 442 men reported as having been tested for the first time, 3 (0.2%) were found to have HIV infection

of 3 364 men, reported as having been retested following a previous negative test, 20 (0.6%) were found to have HIV infection

of 2 257 men who have sex with men, who were retested following a previous negative test, 19 (0.8%) 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 31 March 2011, and for two previous yearly intervals**

## Cases

State/Territory	1 Apr 09 – 31 Mar 10		1 Apr 10 – 31 Mar 11		Cumulative to 31 Mar 11			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
ACT	1	0	0	0	95	10	105	1.0
NSW	46	9	38	7	5 647	286	5 952	55.6
NT	3	1	2	0	52	6	58	0.5
QLD	13	2	14	1	1 114	80	1 196	11.2
SA	8	0	1	0	428	32	461	4.3
TAS	0	0	0	0	55	4	59	0.6
VIC	44	5	48	0	2 218	128	2 359	22.0
WA	9	2	8	1	469	49	520	4.9
<b>Total</b>	<b>124</b>	<b>19</b>	<b>111</b>	<b>9</b>	<b>10 078</b>	<b>595</b>	<b>10 710</b>	<b>100.0</b>

## Deaths

State/Territory	1 Apr 09 – 31 Mar 10		1 Apr 10 – 31 Mar 11		Cumulative to 31 Mar 11			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
ACT	0	0	0	0	73	7	80	1.2
NSW	3	0	4	1	3 612	143	3 766	55.2
NT	1	0	0	0	33	1	34	0.5
QLD	2	0	5	1	687	44	733	10.7
SA	1	0	0	0	281	20	301	4.4
TAS	0	0	0	0	34	2	36	0.5
VIC	8	1	10	0	1 467	66	1 542	22.6
WA	0	1	0	0	301	30	332	4.9
<b>Total</b>	<b>15</b>	<b>2</b>	<b>19</b>	<b>2</b>	<b>6 488</b>	<b>313</b>	<b>6 824</b>	<b>100.0</b>

† Totals include 37 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 Apr 09 – 31 Mar 10			1 Apr 10 – 31 Mar 11		
	Male	Female	Total	Male	Female	Total
ACT	5.7	0.0	2.8	0.0	0.0	0.0
NSW	13.0	2.5	7.7	10.6	1.9	6.2
NT	25.6	9.2	17.7	16.8	0.0	8.7
QLD	5.9	0.9	3.4	6.2	0.4	3.3
SA	10.0	0.0	4.9	1.2	0.0	0.6
TAS	0.0	0.0	0.0	0.0	0.0	0.0
VIC	16.3	1.8	9.0	17.4	0.0	8.7
WA	7.9	1.8	4.9	6.9	0.9	3.9
<b>Total</b>	<b>11.3</b>	<b>1.7</b>	<b>6.5</b>	<b>10.0</b>	<b>0.8</b>	<b>5.4</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 31 March 2011, and for two previous yearly intervals**

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

Age group (years)	1 Apr 09 – 31 Mar 10		1 Apr 10 – 31 Mar 11		Cumulative to 31 Mar 11			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
0 – 2	0	2	0	0	10	12	22	0.2
2 – 12	0	0	0	0	22	12	34	0.3
0 – 12	0	2	0	0	32	24	56	0.5
13 – 19	0	0	0	1	28	7	35	0.3
20 – 29	11	2	10	1	1 490	131	1 637	15.3
30 – 39	35	8	30	2	4 048	217	4 277	39.9
40 – 49	40	4	34	3	2 942	117	3 064	28.6
50 – 59	28	3	22	1	1 124	56	1 184	11.1
60+	10	0	15	1	414	43	457	4.3
<b>Total</b>	<b>124</b>	<b>19</b>	<b>111</b>	<b>9</b>	<b>10 078</b>	<b>595</b>	<b>10 710</b>	<b>100.0</b>

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

Age group (years)	1 Apr 09 – 31 Mar 10		1 Apr 10 – 31 Mar 11		Cumulative to 31 Mar 11			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
0 – 2	0	0	0	0	6	6	12	0.2
2 – 12	0	0	0	0	17	6	23	0.3
0 – 12	0	0	0	0	23	12	35	0.5
13 – 19	0	0	0	0	15	3	18	0.3
20 – 29	2	0	0	0	698	50	759	11.1
30 – 39	0	2	1	0	2 494	111	2 614	38.3
40 – 49	5	0	8	1	2 098	63	2 163	31.7
50 – 59	7	0	6	1	840	36	877	12.9
60+	1	0	4	0	320	38	358	5.2
<b>Total</b>	<b>15</b>	<b>2</b>	<b>19</b>	<b>2</b>	<b>6 488</b>	<b>313</b>	<b>6 824</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 31 March 2011, and for two previous yearly intervals**

Exposure category	1 Apr 09 – 31 Mar 10		1 Apr 10 – 31 Mar 11		Cumulative to 31 Mar 11			%
	Male	Female	Male	Female	Male	Female	Total	
Men who had sex with men	73	--	68	--	8 107	--	8 107	78.9
Men who had sex with men and injecting drug use	9	--	3	--	520	--	520	5.1
Injecting drug use	10	0	3	1	252	108	360	3.5
<i>Heterosexual</i>	5	0	3	1	155	82	237	
<i>Not further specified</i>	5	0	0	0	97	26	123	
Heterosexual contact	21	16	25	7	578	364	942	9.2
<i>Sex with injecting drug user</i>	0	0	0	0	10	32	42	
<i>Sex with bisexual male</i>	--	2	--	0	--	53	53	
<i>From a high prevalence country</i>	3	6	6	4	116	109	225	
<i>Sex with person from a high prevalence country</i>	4	2	3	1	96	28	124	
<i>Sex with person with medically acquired HIV</i>	0	1	0	0	2	11	13	
<i>Sex with HIV infected person, exposure not specified</i>	1	0	0	0	35	38	73	
<i>Not further specified</i>	13	5	16	2	319	93	412	
Haemophilia/coagulation disorder	0	0	0	0	124	3	127	1.2
Receipt of blood/tissue	0	0	1	0	85	67	152	1.5
Health care setting	0	0	0	0	1	3	4	0.0
<b>Total Adults/Adolescents</b>	<b>113</b>	<b>16</b>	<b>100</b>	<b>8</b>	<b>9 667</b>	<b>545</b>	<b>10 212</b>	<b>99.4</b>
<b>Children (under 13 years at AIDS diagnosis)</b>								
Mother with/at risk for HIV infection	0	2	0	0	17	21	38	0.4
Haemophilia/coagulation disorder	0	0	0	0	5	0	5	0.0
Receipt of blood/tissue	0	0	0	0	11	3	14	0.1
<b>Total children</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>33</b>	<b>24</b>	<b>57</b>	<b>0.6</b>
<b>Sub-total</b>	<b>113</b>	<b>18</b>	<b>100</b>	<b>8</b>	<b>9 700</b>	<b>569</b>	<b>10 269</b>	<b>100.0</b>
Other/undetermined <sup>1</sup>	11	1	11	1	378	26	441	
<b>Total</b>	<b>124</b>	<b>19</b>	<b>111</b>	<b>9</b>	<b>10 078</b>	<b>595</b>	<b>10 710</b>	

1 The 'Other/undetermined' exposure category includes 37 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 31 March 2011, and for two previous yearly intervals**

Exposure category	1 Apr 09 – 31 Mar 10		1 Apr 10 – 31 Mar 11		Cumulative to 31 Mar 11			%
	Male	Female	Male	Female	Male	Female	Total	
Men who had sex with men	9	--	16	--	5 413	--	5 413	82.2
Men who had sex with men and injecting drug use	3	--	0	--	319	--	319	4.8
Injecting drug use	0	0	0	1	140	67	207	3.1
<i>Heterosexual</i>	0	0	0	0	87	53	140	
<i>Not further specified</i>	0	0	0	1	53	14	67	
Heterosexual contact	0	2	2	0	214	154	368	5.6
<i>Sex with injecting drug user</i>	0	0	0	0	5	14	19	
<i>Sex with bisexual male</i>	--	0	--	0	--	36	36	
<i>From a high prevalence country</i>	0	1	0	0	21	22	43	
<i>Sex with person from a high prevalence country</i>	0	0	1	0	28	12	40	
<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	0	21	17	38	
<i>Not further specified</i>	0	1	1	0	137	46	183	
Haemophilia/ coagulation disorder	0	0	0	0	101	3	104	1.6
Receipt of blood/tissue	0	0	0	0	75	59	134	2.0
Health care setting	0	0	0	0	1	2	3	0.0
<b>Total Adults/Adolescents</b>	<b>12</b>	<b>2</b>	<b>18</b>	<b>1</b>	<b>6 263</b>	<b>285</b>	<b>6 548</b>	<b>99.4</b>
<b>Children (under 13 years at AIDS diagnosis)</b>								
Mother with/at risk for HIV infection	0	0	0	0	10	10	20	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>0</b>	<b>0</b>	<b>26</b>	<b>13</b>	<b>39</b>	<b>0.6</b>
<b>Sub-total</b>	<b>12</b>	<b>2</b>	<b>18</b>	<b>1</b>	<b>6 289</b>	<b>298</b>	<b>6 587</b>	<b>100.0</b>
Other/undetermined <sup>1</sup>	3	0	1	1	199	15	237	
<b>Total</b>	<b>15</b>	<b>2</b>	<b>19</b>	<b>2</b>	<b>6 488</b>	<b>313</b>	<b>6 824</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.



# National HIV Registry

**Table 2.1** Number of new diagnoses of HIV infection by sex<sup>1</sup> and State/Territory, cumulative to 31 March 2011, and for two previous yearly intervals

State/Territory	1 Apr 09 – 31 Mar 10		1 Apr 10 – 31 Mar 11		Cumulative to 31 Mar 11			Rate <sup>2</sup>
	Male	Female	Male	Female	Male	Female	Total	
ACT	9	2	11	2	295	39	334	93.1
NSW <sup>3</sup>	339	44	309	26	14 915	1 047	16 224	224.3
NT	13	3	3	1	165	31	196	85.3
QLD	198	35	212	31	3 508	405	3 922	86.9
SA	44	9	33	4	1 111	131	1 243	75.6
TAS	14	3	7	2	142	23	165	32.5
VIC <sup>4</sup>	254	27	261	33	6 329	509	6 884	124.1
WA	71	22	71	32	1 493	305	1 805	78.7
<b>Total<sup>5</sup></b>	<b>942</b>	<b>145</b>	<b>907</b>	<b>131</b>	<b>27 958</b>	<b>2 490</b>	<b>30 773</b>	<b>137.8</b>

- 1 Seventy six people (35 NSW, 9 QLD, 1 SA, 24 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 227 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 249 people whose sex was not reported.

**Table 2.2 Number of new diagnoses of HIV infection, by sex and exposure category, cumulative to 31 March 2011, and for two previous yearly intervals**

Exposure category	1 Apr 09 – 31 Mar 10		1 Apr 10 – 31 Mar 11		Cumulative to 31 Mar 11			%
	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	
Men who had sex with men	669	--	680	--	20 002	--	20 002	74.9
Men who had sex with men and injecting drug use	31	--	24	--	1 117	--	1 117	4.2
Injecting drug use	28	4	13	4	783	246	1 029	3.9
<i>Heterosexual</i>	17	3	9	2	350	181	531	
<i>Not further specified</i>	11	1	4	2	433	65	498	
Heterosexual contact	165	128	131	114	2 045	1 855	3 900	14.6
<i>Sex with injecting drug user</i>	1	0	0	5	43	141	184	
<i>Sex with bisexual male</i>	--	3	--	3	--	170	170	
<i>From a high prevalence country</i>	73	61	36	71	534	726	1 260	
<i>Sex with person from a high prevalence country</i>	31	13	44	10	456	182	638	
<i>Sex with person with medically acquired HIV</i>	0	2	0	0	6	25	31	
<i>Sex with HIV infected person, exposure not specified</i>	9	13	6	8	121	223	344	
<i>Not further specified</i>	51	36	45	17	885	388	1 273	
Haemophilia/ coagulation disorder	0	0	0	0	219	4	223	0.8
Receipt of blood/tissue	0	0	1	0	109	104	213	0.8
Health care setting <sup>2</sup>	0	0	0	0	4	9	13	0.0
<b>Total Adults/ Adolescents<sup>1</sup></b>	<b>893</b>	<b>132</b>	<b>849</b>	<b>118</b>	<b>24 279</b>	<b>2 218</b>	<b>26 497</b>	<b>99.2</b>
<b>Children (under 13 years at HIV diagnosis)</b>								
Mother with/at risk for HIV infection <sup>3</sup>	4	7	3	5	61	59	120	0.4
Haemophilia/ coagulation disorder	0	0	0	0	65	0	65	0.2
Receipt of blood/tissue	0	1	1	0	14	10	24	0.1
<b>Total children</b>	<b>4</b>	<b>8</b>	<b>4</b>	<b>5</b>	<b>140</b>	<b>69</b>	<b>209</b>	<b>0.8</b>
<b>Sub-total</b>	<b>897</b>	<b>140</b>	<b>853</b>	<b>123</b>	<b>24 419</b>	<b>2 287</b>	<b>26 706</b>	<b>100.0</b>
Other/undetermined <sup>4</sup>	45	5	54	8	3 539	203	4 067	
<b>Total<sup>1</sup></b>	<b>942</b>	<b>145</b>	<b>907</b>	<b>131</b>	<b>27 958</b>	<b>2 490</b>	<b>30 773</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 600 children were notified as having been born to women with HIV infection, cumulative to 31 March 2011.

4 The 'Other/undetermined' exposure category includes 4 040 adults/adolescents and 27 children. Seventy six 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.

**Table 2.3 Number of new diagnoses of HIV infection by sex and age group, cumulative to 31 March 2011, and for two previous yearly intervals**

Age group (years)	1 Apr 09 – 31 Mar 10		1 Apr 10 – 31 Mar 11		Cumulative to 31 Mar 11			%
	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	
0–2	0	3	1	0	49	32	82	0.3
3–12	3	6	3	5	108	44	152	0.5
0–12	3	9	4	5	157	76	234	0.8
13–19	9	3	16	2	507	124	639	2.1
20–29	222	46	213	49	8 551	945	9 621	31.3
30–39	312	59	262	43	10 250	795	11 153	36.2
40–49	249	19	256	19	5 536	307	5 888	19.1
50–59	113	8	108	10	2 084	123	2 220	7.2
60+	34	1	48	3	736	88	828	2.7
Not reported	0	0	0	0	137	32	190	0.6
<b>Total<sup>1</sup></b>	<b>942</b>	<b>145</b>	<b>907</b>	<b>131</b>	<b>27 958</b>	<b>2 490</b>	<b>30 773</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 April 2010 to 31 March 2011 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 Apr 10 – 30 Sep 10		1 Oct 10 – 31 Mar 11		1 Apr 10 – 31 Mar 11		
	Male	Female	Male	Female	Male	Female	Total
ACT	2	0	2	0	4	0	4
NSW	68	2	70	0	138	2	140
NT	0	0	1	0	1	0	1
QLD	28	0	29	2	57	2	59
SA	3	1	1	0	4	1	5
TAS	1	0	0	0	1	0	1
VIC	55	2	44	3	99	5	104
WA	10	0	6	0	16	0	16
<b>Total</b>	<b>167</b>	<b>5</b>	<b>153</b>	<b>5</b>	<b>320</b>	<b>10</b>	<b>330</b>

**Table 2.5** Number of new diagnoses of HIV infection in the year 1 April 2010 to 31 March 2011 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 Apr 10 – 30 Sep 10		1 Oct 10 – 31 Mar 11		1 Apr 10 – 31 Mar 11		Total
	Male	Female	Male	Female	Male	Female	
Men who had sex with men	149	--	134	--	284	--	284
Men who had sex with men and injecting drug use	6	--	2	--	8	--	8
Injecting drug use (female and heterosexual male)	0	0	2	0	2	0	2
Heterosexual contact	6	5	13	5	19	10	29
Health care setting	0	0	0	0	0	0	0
Other/undetermined	6	0	1	0	7	0	7
<b>Total</b>	<b>167</b>	<b>5</b>	<b>152</b>	<b>5</b>	<b>320</b>	<b>10</b>	<b>330</b>

**Table 2.6** Number of new diagnoses of HIV infection in the year 1 April 2010 to 31 March 2011 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 Apr 10 – 30 Sep 10		1 Oct 10 – 31 Mar 11		1 Apr 10 – 31 Mar 11		Total
	Male	Female	Male	Female	Male	Female	
13 – 19	4	0	6	0	10	0	10
20 – 29	59	0	42	2	101	2	103
30 – 39	42	1	41	1	83	2	85
40 – 49	39	3	52	0	91	3	94
50 – 59	20	1	9	2	29	3	32
60+	3	0	3	0	6	0	6
<b>Total</b>	<b>167</b>	<b>5</b>	<b>153</b>	<b>5</b>	<b>320</b>	<b>10</b>	<b>330</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 January to 31 March 2011

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	2 121	1 250	892	442	8	0	8
RPA Sexual Health Centre, NSW	607	242	275	134	0	0	0
Brisbane Sexual Health Clinic, QLD	1 004	610	308	126	0	0	0
Gold Coast Sexual Health Clinic, QLD	776	453	289	151	3	0	3
Clinic 275, Adelaide, SA	1 511	863	1 238	688	3	0	3
Melbourne Sexual Health Centre, VIC	2 937	2 172	1 804	731	9	2	11
<b>Total</b>	<b>8 956</b>	<b>5 590</b>	<b>4 806</b>	<b>2 272</b>	<b>23</b>	<b>2</b>	<b>25</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 January to 31 March 2011

Exposure category	Previous negative HIV antibody test		% retested for HIV antibody		Newly diagnosed with HIV infection			%
	Male	Female	Male	Female	Male	Female	Total	
Men who have sex with men	2 875	--	76.0	--	16	--	16	0.7
Men who have sex with men and injecting drug use	113	--	63.7	--	3	--	3	4.2
Injecting drug use (female and heterosexual male)	96	56	63.5	48.2	0	0	0	0.0
Heterosexual contact	2 225	1 812	46.5	39.2	1	1	1	0.1
<i>outside Australia</i>	662	446	56.9	49.3	0	0	0	0.0
<i>within Australia only</i>	1 563	1 366	42.1	36.5	1	1	1	0.2
Sex worker	--	1 268	--	52.7	--	1	0	0.1
Sex worker and injecting drug use	--	55	--	57.9	--	0	0	0.0
Other/undetermined	33	75	33.3	52.3	0	0	1	1.7
<b>Total</b>	<b>5 342</b>	<b>3 266</b>	<b>63.0</b>	<b>48.8</b>	<b>20</b>	<b>2</b>	<b>22</b>	<b>0.2</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 January to 31 March 2011

Exposure category	No previous HIV antibody test		% tested for HIV antibody		Newly diagnosed with HIV infection			%
	Male	Female	Male	Female	Male	Female	Total	
Men who have sex with men	675	--	63.9	--	2	--	2	0.5
Men who have sex with men and injecting drug use	23	--	39.1	--	0	--	0	0.0
Injecting drug use (female and heterosexual male)	35	31	40.0	38.7	0	0	0	0.0
Heterosexual contact	1 887	1 721	51.2	34.2	1	0	1	0.1
<i>outside Australia</i>	569	460	59.8	32.8	0	0	0	0.0
<i>within Australia only</i>	1 318	1 261	47.5	34.7	1	0	1	0.1
Sex worker	--	155	--	28.4	--	0	0	0.0
Sex worker and injecting drug use	--	11	--	9.1	--	0	0	0.0
Other/undetermined	516	379	4.3	8.4	0	0	0	0.0
<b>Total</b>	<b>3 136</b>	<b>2 297</b>	<b>46.0</b>	<b>29.5</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0.1</b>

**Table 3.4** Number of people seen, number tested for HIV antibody and number newly diagnosed with HIV infection, by sex and age group, during the quarter 1 January to 31 March 2011

Age group (years)	Seen at Clinic		Tested for HIV antibody		Newly diagnosed with HIV infection		
	Male	Female	Male	Female	Male	Female	Total
13 – 19	330	448	199	177	0	0	0
20 – 29	4 081	3 030	2 232	1 128	7	1	8
30 – 39	2 425	1 480	1 342	678	9	1	10
40 – 49	1 259	477	618	230	7	0	7
50 – 59	554	120	263	50	0	0	0
60+	307	35	152	9	0	0	0
<b>Total</b>	<b>8 956</b>	<b>5 590</b>	<b>4 806</b>	<b>2 272</b>	<b>23</b>	<b>2</b>	<b>25</b>

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## Notes

**The National AIDS Registry** is maintained by the Kirby Institute on behalf of the National Blood Borne Virus and Sexually Transmissible Infections Surveillance Committee, which consists of representatives from the Kirby Institute, 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 the Kirby Institute 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 the Kirby Institute. 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).

### 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/publichealth/phb/phb.html">www.health.nsw.gov.au/publichealth/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 WA</b>	<a href="http://www.public.health.wa.gov.au/">www.public.health.wa.gov.au/</a>

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