

## The Kirby Institute Australian HIV Surveillance Report

Vol 28 No 4 October 2012

### Diagnoses in the second quarter

#### 1 April – 30 June 2012

a total of 213 diagnoses of HIV infection, 15 diagnoses of AIDS and 1 death following AIDS were reported by 30 September 2012, to have occurred in the second quarter of 2012

in comparison, 307 diagnoses of HIV infection, 27 diagnoses of AIDS and 5 deaths following AIDS were reported by 30 September 2012, to have occurred in the second quarter of 2011

#### New HIV infection

During the second quarter of 2012, 62 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 95.2% (59) of cases.

#### Diagnoses in the year to 30 June 2012

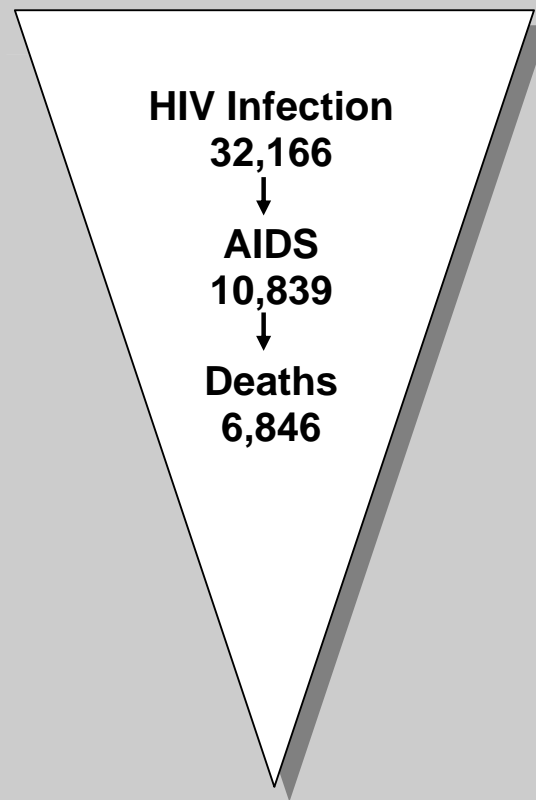
1 060 diagnoses of HIV infection

98 diagnoses of AIDS

15 deaths following AIDS were reported by 30 September 2012

### HIV diagnoses in Australia

#### A cumulative profile to 30 June 2012



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## Announcements

The **2013 Australasian HIV & AIDS Conference** will be held in Darwin, Northern Territory, Australia, on 21 – 23 October 2013. Further information may be obtained through the website [www.hivaidconference.com.au](http://www.hivaidconference.com.au)

The **2013 Australasian Sexual Health Conference** will be held back-to-back with the Australasian HIV & AIDS Conference (21-23 October 2013) in Darwin, Northern Territory, Australia, on 23 – 25 October 2013. Further information may be obtained through the website [www.shconference.com.au](http://www.shconference.com.au)

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## **HIV diagnoses**

People diagnosed with HIV infection in the year to 30 June 2012 had an average age of 36 years and 2.0% were in the age group 13 – 19 years  
86.4% were male and 13.3% were female  
of 867 cases of HIV infection, newly diagnosed among adult/adolescent males in the year to 30 June 2012 for which an exposure to HIV was reported, 725 (83.6%) were attributed to men who had sex with men, with or without a history of injecting drug use.

## **Total diagnoses to 30 June 2012**

32 166 diagnoses of HIV infection  
10 839 diagnoses of AIDS  
6 846 deaths following AIDS were reported by 30 September 2012

# 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 June 2012, and for two previous yearly intervals**

## Cases

State/Territory	1 Jul 10 - 30 Jun 11		1 Jul 11 - 30 Jun 12		Cumulative to 30 Jun 12			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
ACT	0	0	0	0	95	10	105	1.0
NSW	42	7	23	3	5 683	291	5 993	55.3
NT	2	0	6	1	58	7	65	0.6
QLD	10	1	5	1	1 120	81	1 203	11.1
SA	1	1	0	0	428	33	462	4.3
TAS	0	0	5	0	60	4	64	0.6
VIC	46	4	36	6	2 261	138	2 412	22.3
WA	8	1	11	1	482	51	535	4.9
<b>Total</b>	<b>109</b>	<b>14</b>	<b>86</b>	<b>12</b>	<b>10 187</b>	<b>615</b>	<b>10 839</b>	<b>100.0</b>

## Deaths

State/Territory	1 Jul 10 - 30 Jun 11		1 Jul 11 - 30 Jun 12		Cumulative to 30 Jun 12			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
ACT	0	0	0	0	73	7	80	1.2
NSW <sup>†</sup>	9	1	9	1	3 627	144	3 782	55.2
NT	0	0	0	0	33	1	34	0.5
QLD	4	0	0	0	687	44	733	10.7
SA	0	0	0	0	281	20	301	4.4
TAS	0	0	0	0	34	2	36	0.5
VIC	9	0	4	1	1 472	67	1 548	22.6
WA	0	0	0	0	301	30	332	4.8
<b>Total</b>	<b>22</b>	<b>1</b>	<b>13</b>	<b>2</b>	<b>6 508</b>	<b>315</b>	<b>6 846</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 Jul 10 - 30 Jun 11			1 Jul 11 - 30 Jun 12		
	Male	Female	Total	Male	Female	Total
ACT	0.0	0.0	0.0	0.0	0.0	0.0
NSW	11.7	1.9	6.8	6.4	0.8	3.6
NT	16.5	0.0	8.6	48.7	9.0	29.8
QLD	4.5	0.4	2.5	2.2	0.4	1.3
SA	1.2	1.2	1.2	0.0	0.0	0.0
TAS	0.0	0.0	0.0	19.6	0.0	9.8
VIC	16.8	1.4	9.0	12.9	2.1	7.5
WA	6.8	0.9	3.8	9.0	0.8	4.9
<b>Total</b>	<b>9.8</b>	<b>1.2</b>	<b>5.5</b>	<b>7.6</b>	<b>1.1</b>	<b>4.3</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 June 2012, and for two previous yearly intervals**

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

Age group (years)	1 Jul 10 - 30 Jun 11		1 Jul 11 - 30 Jun 12		Cumulative to 30 Jun 12			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
0–2	0	0	1	0	11	12	23	0.2
2–12	0	0	0	0	22	12	34	0.3
0–12	0	0	1	0	33	24	57	0.5
13–19	0	0	0	0	28	7	35	0.3
20–29	11	2	10	0	1 501	133	1 650	15.2
30–39	25	5	19	6	4 072	227	4 311	39.8
40–49	38	4	24	5	2 978	123	3 106	28.7
50–59	21	2	18	1	1 145	58	1 207	11.1
60+	14	1	14	0	430	43	473	4.4
<b>Total<sup>1</sup></b>	<b>109</b>	<b>14</b>	<b>86</b>	<b>12</b>	<b>10 187</b>	<b>615</b>	<b>10 839</b>	<b>100.0</b>

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

Age group (years)	1 Jul 10 - 30 Jun 11		1 Jul 11 - 30 Jun 12		Cumulative to 30 Jun 12			%
	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	1	0	1	0	700	50	761	11.1
30–39	1	0	2	0	2 496	111	2 616	38.2
40–49	8	0	1	1	2 101	64	2 167	31.7
50–59	7	1	3	1	845	37	883	12.9
60+	5	0	6	0	328	38	366	5.3
<b>Total<sup>1</sup></b>	<b>22</b>	<b>1</b>	<b>13</b>	<b>2</b>	<b>6 508</b>	<b>315</b>	<b>6 846</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 June 2012, and for two previous yearly intervals**

Exposure category	1 Jul 10 - 30 Jun 11		1 Jul 11 - 30 Jun 12		Cumulative to 30 Jun 12			%
	Male	Female	Male	Female	Male	Female	Total	
Men who had sex with men	64	--	48	--	8 168	--	8 168	78.6
Men who had sex with men and injecting drug use	4	--	3	--	525	--	525	5.1
Injecting drug use	3	1	2	1	254	109	363	3.5
<i>Heterosexual</i>	3	1	2	1	157	83	240	
<i>Not further specified</i>	0	0	0	0	97	26	123	
Heterosexual contact	26	11	28	11	611	382	993	9.6
<i>Sex with injecting drug user</i>	0	0	0	0	10	32	42	
<i>Sex with bisexual male</i>	--	0	--	1	--	54	54	
<i>From a high prevalence country</i>	5	4	6	7	123	118	241	
<i>Sex with person from a high prevalence country</i>	4	1	5	0	102	28	130	
<i>Sex with person with medically acquired HIV</i>	0	0	0	0	2	11	13	
<i>Sex with HIV infected person, other exposure</i>	1	1	1	2	37	41	78	
<i>Not further specified</i>	16	5	16	1	337	98	435	
Haemophilia/coagulation disorder	0	0	0	0	124	3	127	1.2
Receipt of blood/tissue	1	0	0	0	85	67	152	1.5
Health care setting	0	0	0	0	1	3	4	0.0
<b>Total Adults/ Adolescents</b>	<b>98</b>	<b>12</b>	<b>81</b>	<b>12</b>	<b>9 768</b>	<b>564</b>	<b>10 332</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	18	21	39	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>0</b>	<b>1</b>	<b>0</b>	<b>34</b>	<b>24</b>	<b>58</b>	<b>0.6</b>
<b>Sub-total</b>	<b>98</b>	<b>12</b>	<b>82</b>	<b>12</b>	<b>9 802</b>	<b>588</b>	<b>10 390</b>	<b>100.0</b>
Other/undetermined <sup>1</sup>	11	2	4	0	385	27	449	
<b>Total</b>	<b>109</b>	<b>14</b>	<b>86</b>	<b>12</b>	<b>10 187</b>	<b>615</b>	<b>10 839</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 30 June 2012, and for two previous yearly intervals**

Exposure category	1 Jul 10 - 30 Jun 11		1 Jul 11 - 30 Jun 12		Cumulative to 30 Jun 12			%
	Male	Female	Male	Female	Male	Female	Total	
Men who had sex with men	17	--	7	--	5 424	--	5 424	82.1
Men who had sex with men and injecting drug use	1	--	1	--	321	--	321	4.9
Injecting drug use	1	0	1	0	142	67	209	3.2
<i>Heterosexual</i>	1	0	1	0	89	53	142	
<i>Not further specified</i>	0	0	0	0	53	14	67	
Heterosexual contact	2	0	2	2	216	156	372	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	0	0	0	21	22	43	
<i>Sex with person from a high prevalence country</i>	1	0	2	0	30	12	42	
<i>Sex with person with medically acquired HIV</i>	0	0	0	0	2	7	9	
<i>Sex with HIV infected person, other exposure</i>	0	0	0	1	21	18	39	
<i>Not further specified</i>	1	0	0	1	137	47	184	
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>21</b>	<b>0</b>	<b>11</b>	<b>2</b>	<b>6 280</b>	<b>287</b>	<b>6 567</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>21</b>	<b>0</b>	<b>11</b>	<b>2</b>	<b>6 306</b>	<b>300</b>	<b>6 606</b>	<b>100.0</b>
Other/undetermined <sup>1</sup>	1	1	2	0	202	15	240	
<b>Total</b>	<b>22</b>	<b>1</b>	<b>13</b>	<b>2</b>	<b>6 508</b>	<b>315</b>	<b>6 846</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 30 June 2012, and for two previous yearly intervals

State/Territory	1 Jul 10 - 30 Jun 11		1 Jul 11 - 30 Jun 12		Cumulative to 30 Jun 12			Rate <sup>2</sup>
	Male	Female	Male	Female	Male	Female	Total	
ACT	10	2	5	0	303	40	343	91.6
NSW <sup>3</sup>	334	24	290	28	15 319	1 085	16 667	228.6
NT	4	1	13	4	179	35	214	91.1
QLD	209	34	204	32	3 761	446	4 216	92.5
SA	41	11	31	11	1 161	151	1 313	79.3
TAS	12	3	8	2	155	26	181	35.4
VIC <sup>4</sup>	268	34	283	31	6 687	549	7 284	129.5
WA	67	32	82	33	1 594	347	1 948	80.2
<b>Total<sup>5</sup></b>	<b>945</b>	<b>141</b>	<b>916</b>	<b>141</b>	<b>29 159</b>	<b>2 679</b>	<b>32 166</b>	<b>141.8</b>

1 Seventy eight people (35 NSW, 9 QLD, 1 SA, 26 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.

**Table 2.2 Number of new diagnoses of HIV infection, by sex and exposure category, cumulative to 30 June 2012, and for two previous yearly intervals**

Exposure category	1 Jul 10 – 30 Jun 11		1 Jul 11 – 30 Jun 12		Cumulative to 30 Jun 12			%
	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	
Men who had sex with men	717	--	698	--	20 922	--	20 922	74.6
Men who had sex with men and injecting drug use	22	--	27	--	1 155	--	1 155	4.1
Injecting drug use	10	6	17	8	803	257	1 060	3.8
<i>Heterosexual</i>	8	4	10	8	362	192	554	
<i>Not further specified</i>	2	2	7	0	441	65	506	
Heterosexual contact	140	123	122	123	2 203	2 020	4 223	15.1
<i>Sex with injecting drug user</i>	0	6	0	1	43	143	186	
<i>Sex with bisexual male</i>	--	4	--	4	--	176	176	
<i>From a high prevalence country</i>	36	72	33	68	576	815	1 391	
<i>Sex with person from a high prevalence country</i>	51	8	35	11	506	195	701	
<i>Sex with person with medically acquired HIV</i>	0	0	0	1	6	26	32	
<i>Sex with HIV infected person, other exposure</i>	8	12	8	18	132	248	380	
<i>Not further specified</i>	45	21	46	20	940	417	1 357	
Haemophilia/coagulation disorder	0	0	0	0	219	4	223	0.8
Receipt of blood/tissue	1	1	2	0	111	105	216	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>890</b>	<b>130</b>	<b>866</b>	<b>131</b>	<b>25 417</b>	<b>2 395</b>	<b>27 812</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	5	4	3	66	64	130	0.5
Haemophilia/ coagulation disorder	0	0	0	0	65	0	65	0.2
Receipt of blood/tissue	0	0	0	0	14	10	24	0.1
<b>Total children</b>	<b>2</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>145</b>	<b>74</b>	<b>219</b>	<b>0.8</b>
<b>Sub-total</b>	<b>892</b>	<b>135</b>	<b>870</b>	<b>134</b>	<b>25 562</b>	<b>2 469</b>	<b>28 031</b>	<b>100.0</b>
Other/undetermined <sup>4</sup>	53	6	46	7	3 597	210	4 135	
<b>Total<sup>1</sup></b>	<b>945</b>	<b>141</b>	<b>916</b>	<b>141</b>	<b>29 159</b>	<b>2 679</b>	<b>32 166</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 672 children were notified as having been born to women with HIV infection, cumulative to 30 June 2012.

4 The 'Other/undetermined' exposure category includes 4 107 adults/adolescents and 28 children. Seventy eight 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 30 June 2012, and for two previous yearly intervals**

Age group (years)	1 Jul 10 – 30 Jun 11		1 Jul 11 – 30 Jun 12		Cumulative to 30 Jun 12			%
	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	
0 – 2	0	1	1	0	50	33	84	0.3
3 – 12	2	4	2	2	111	48	159	0.5
0 – 12	2	5	3	2	161	81	243	0.8
13 – 19	18	3	13	8	525	134	667	2.1
20 – 29	235	48	253	35	8 888	991	10 004	31.1
30 – 39	285	47	277	59	10 622	871	11 603	36.1
40 – 49	237	25	201	29	5 791	348	6 184	19.2
50 – 59	115	10	113	7	2 234	133	2 381	7.4
60+	53	3	54	1	800	89	893	2.8
Not reported	0	0	2	0	138	32	191	0.6
<b>Total<sup>1</sup></b>	<b>945</b>	<b>141</b>	<b>916</b>	<b>141</b>	<b>29 159</b>	<b>2 679</b>	<b>32 166</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 July 2011 to 30 June 2012 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 Jul 11 - 31 Dec 11		1 Jan 12 – 30 Jun 12		1 Jul 11 - 30 Jun 12		
	Male	Female	Male	Female	Male	Female	Total
ACT	3	0	0	0	3	0	3
NSW	67	3	67	2	134	5	139
NT	1	1	1	1	2	2	4
QLD	28	0	28	2	56	2	58
SA	0	0	0	0	0	0	0
TAS	1	0	0	0	1	0	1
VIC	41	2	55	2	96	4	100
WA	13	3	12	1	25	4	29
<b>Total</b>	<b>154</b>	<b>9</b>	<b>163</b>	<b>8</b>	<b>317</b>	<b>17</b>	<b>334</b>

**Table 2.5** Number of new diagnoses of HIV infection in the year 1 July 2011 to 30 June 2012 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 Jul 11 - 31 Dec 11		1 Jan 12 - 30 Jun 12		1 Jul 11 - 30 Jun 12		Total
	Male	Female	Male	Female	Male	Female	
Men who had sex with men	140	--	146	--	286	--	286
Men who had sex with men and injecting drug use	3	--	6	--	9	--	9
Injecting drug use (female and heterosexual male)	0	1	3	1	3	2	5
Heterosexual contact	9	7	3	7	12	14	26
Health care setting	0	0	0	0	0	0	0
Other/undetermined	2	1	5	0	7	1	8
<b>Total</b>	<b>154</b>	<b>9</b>	<b>163</b>	<b>8</b>	<b>317</b>	<b>17</b>	<b>334</b>

**Table 2.6** Number of new diagnoses of HIV infection in the year 1 July 2011 to 30 June 2012 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 Jul 11 - 31 Dec 11		1 Jan 12 - 30 Jun 12		1 Jul 11 - 30 Jun 12		Total
	Male	Female	Male	Female	Male	Female	
13 – 19	1	1	4	0	5	1	6
20 – 29	52	1	56	5	108	6	114
30 – 39	53	4	52	2	105	6	111
40 – 49	34	3	31	0	65	3	68
50 – 59	9	0	16	1	25	1	26
60+	5	0	2	0	7	0	7
Not reported	0	0	2	0	2	0	2
<b>Total</b>	<b>154</b>	<b>9</b>	<b>163</b>	<b>8</b>	<b>317</b>	<b>17</b>	<b>334</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 April to 30 June 2012

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	2 338	1 196	775	332	10	0	10
RPA Sexual Health Centre, NSW	625	228	340	118	4	0	4
Brisbane Sexual Health Clinic, QLD	967	576	275	118	1	0	1
Gold Coast Sexual Health Clinic, QLD	939	622	297	180	1	0	1
Clinic 275, Adelaide, SA	1 303	365	1 116	297	0	0	0
Melbourne Sexual Health Centre, VIC	3 774	2 175	2 563	1 152	19	0	19
<b>Total</b>	<b>9 946</b>	<b>5 162</b>	<b>5 366</b>	<b>2 197</b>	<b>35</b>	<b>0</b>	<b>35</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 April to 30 June 2012

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	3 405	--	73.9	--	27	--	27	1.1
Men who have sex with men and injecting drug use	114	--	78.9	--	0	--	0	0.0
Injecting drug use (female and heterosexual male)	77	63	59.7	44.4	0	0	0	0.0
Heterosexual contact	2 276	1 714	49.8	44.0	2	0	2	0.1
<i>outside Australia</i>	773	516	58.0	52.3	1	0	1	0.1
<i>within Australia only</i>	1 503	1 198	45.6	40.4	1	0	1	0.1
Sex worker	--	1 024	--	56.4	--	0	0	0.0
Sex worker and injecting drug use	--	49	--	65.3	--	0	0	0.0
Other/undetermined	32	61	50.0	54.1	0	0	0	0.0
<b>Total</b>	<b>5 904</b>	<b>2 911</b>	<b>58.1</b>	<b>49.0</b>	<b>29</b>	<b>0</b>	<b>29</b>	<b>0.8</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 April to 30 June 2012

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	750	--	60.0	--	6	--	6	1.3
Men who have sex with men and injecting drug use	36	--	47.2	--	0	--	0	0.0
Injecting drug use (female and heterosexual male)	38	20	63.2	100.0	0	0	0	0.0
Heterosexual contact	2 200	1 652	48.3	37.5	0	0	0	0.0
<i>outside Australia</i>	683	443	58.9	45.4	0	0	0	0.0
<i>within Australia only</i>	1 517	1 209	43.6	34.7	0	0	0	0.0
Sex worker	--	182	--	63.7	--	0	0	0.0
Sex worker and injecting drug use	--	6	--	50.0	--	0	0	0.0
Other/undetermined	545	356	2.4	3.7	0	0	0	0.0
<b>Total</b>	<b>3 569</b>	<b>2 216</b>	<b>43.9</b>	<b>34.8</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>0.3</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 April to 30 June 2012

Age group (years)	Seen at Clinic		Tested for HIV antibody		Newly diagnosed with HIV infection		
	Male	Female	Male	Female	Male	Female	Total
13 – 19	407	453	210	105	1	0	1
20 – 29	4 517	2 809	2 532	1 180	19	0	19
30 – 39	2 681	1 239	1 440	594	8	0	8
40 – 49	1 386	483	723	244	6	0	6
50 – 59	621	149	294	66	1	0	1
60+	334	29	167	8	0	0	0
<b>Total</b>	<b>9 946</b>	<b>5 162</b>	<b>5 366</b>	<b>2 197</b>	<b>35</b>	<b>0</b>	<b>35</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 WAatch</b>	<a href="http://www.public.health.wa.gov.au/">www.public.health.wa.gov.au/</a>

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