



# 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 2009

a total of 277 diagnoses of HIV infection, 21 diagnoses of AIDS and 3 death following AIDS were reported, by 31 December 2009, to have occurred in the third quarter of 2009

in comparison, 230 diagnoses of HIV infection, 30 diagnoses of AIDS and 7 deaths following AIDS were reported by 31 December 2009, to have occurred in the third quarter of 2008

### New HIV infection

During the third quarter of 2009, 69 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 56 (81.2%) cases.

### Diagnoses in the year to 30 September 2009

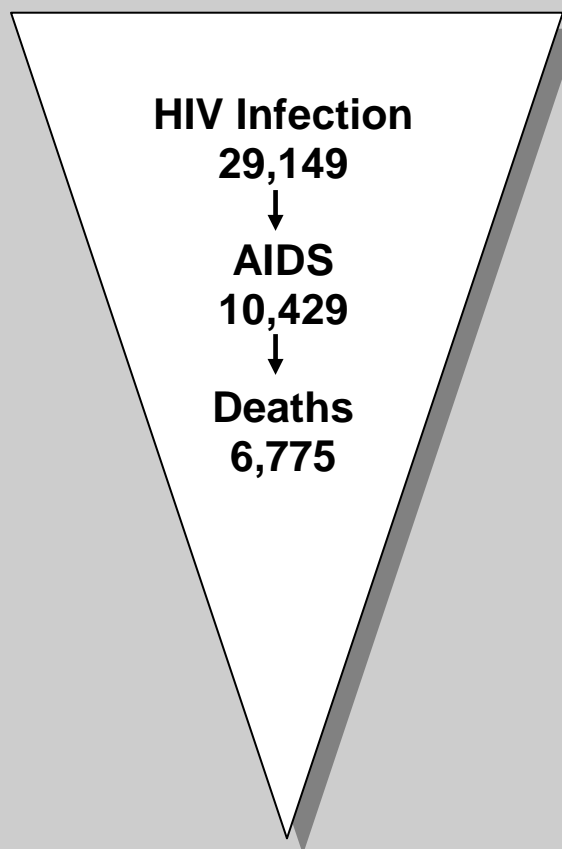
1 044 diagnoses of HIV infection

99 diagnoses of AIDS

18 deaths following AIDS were reported by 31 December 2009

## The HIV Epidemic in Australia

### A cumulative profile to 30 September 2009



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## Announcements

The **22nd annual ASHM Conference** will be held in Sydney, New South Wales, Australia, on 20 – 22 October 2010. The conference will be held at the Sydney Convention and Exhibition Centre, Darling Harbour, Sydney. Further information may be obtained through the website <http://www.hivaidconference.com.au>.

The **2010 Australasian Sexual Health Conference** will also be held in Sydney, New South Wales, on 18 – 20 October 2010. 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 30 September 2009 had an average age of 38 years and 0.9% were in the age group 13 – 19 years

86.7% were male and 13.1% were female

of 843 cases of HIV infection, newly diagnosed among adult/adolescent males in the year to 30 September 2009 for which an exposure to HIV was reported, 666 (79.0%) were men who have sex with men, with or without a history of injecting drug use.

## **Total diagnoses to 30 September 2009**

29,149 diagnoses of HIV infection

10,429 diagnoses of AIDS

6,775 deaths following AIDS were reported by 31 December 2009

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

Six sexual health clinics in Adelaide, Brisbane, Gold Coast, Melbourne and Sydney tested 7,132 people in the quarter 1 July – 30 September 2009 who were not previously known to have HIV infection

of 1,421 men reported as having been tested for the first time, 7 (0.5%) was found to have HIV infection

of 3,168 men, reported as having been retested following a previous negative test, 20 (0.6%) were found to have HIV infection

of 1,909 men who have sex with men, who were retested following a previous negative test, 20 (1.0%) 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 2009, and for two previous yearly intervals**

## Cases

State/Territory	1 Oct 07 – 30 Sep 08		1 Oct 08 – 30 Sep 09		Cumulative to 30 Sep 09			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
ACT	2	0	1	0	95	10	105	1.0
NSW <sup>1</sup>	27	4	--	--	5 513	265	5 796	55.6
NT	1	0	2	2	48	6	54	0.5
QLD	24	1	17	2	1 094	76	1 172	11.2
SA	5	0	6	0	422	32	455	4.4
TAS	0	0	0	0	55	4	59	0.6
VIC	50	7	48	4	2 145	124	2 282	21.9
WA	9	1	13	4	457	47	506	4.9
<b>Total</b>	<b>118</b>	<b>13</b>	<b>87</b>	<b>12</b>	<b>9 829</b>	<b>564</b>	<b>10 429</b>	<b>100.0</b>

## Deaths

State/Territory	1 Oct 07 – 30 Sep 08		1 Oct 08 – 30 Sep 09		Cumulative to 30 Sep 09			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
ACT	0	0	0	0	73	7	80	1.2
NSW <sup>1</sup>	7	4	--	--	3 597	138	3 746	55.3
NT	2	0	2	0	33	1	34	0.5
QLD	5	0	0	0	679	43	724	10.7
SA	0	0	0	0	280	20	300	4.4
TAS	1	0	0	0	34	2	36	0.5
VIC	15	1	12	1	1 448	66	1 523	22.5
WA	2	0	2	1	301	30	332	4.9
<b>Total</b>	<b>32</b>	<b>5</b>	<b>16</b>	<b>2</b>	<b>6 445</b>	<b>307</b>	<b>6 775</b>	<b>100.0</b>

<sup>†</sup> Totals include 36 AIDS cases and 23 deaths following AIDS in people whose sex was reported as transgender.  
 1 AIDS diagnoses and death following AIDS occurring in NSW not included from 1 January 2008.

**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 07 – 30 Sep 08			1 Oct 08 – 31 Sep 09		
	Male	Female	Total	Male	Female	Total
ACT	11.8	0.0	5.9	5.8	0.0	2.9
NSW <sup>2</sup>	10.5	1.5	6.0	--	--	--
NT	9.0	0.0	4.7	17.5	18.9	18.2
QLD	11.5	0.5	6.0	7.9	0.9	4.4
SA	6.4	0.0	3.2	7.6	0.0	3.7
TAS	0.0	0.0	0.0	0.0	0.0	0.0
VIC	19.3	2.7	10.9	18.2	1.5	9.8
WA	8.4	1.0	4.7	11.8	3.7	7.8
<b>Total</b>	<b>11.3</b>	<b>1.2</b>	<b>6.2</b>	<b>8.2</b>	<b>1.1</b>	<b>4.6</b>

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

2 AIDS diagnoses in NSW not included from 1 January 2008.

**Table 1.3 Cases of AIDS<sup>1</sup> and deaths following AIDS<sup>1</sup> by sex and age group, cumulative to 30 September 2009, and for two previous yearly intervals**

**Cases<sup>2</sup>**

Age group (years)	1 Oct 07 – 30 Sep 08		1 Oct 08 – 30 Sep 09		Cumulative to 30 Sep 09			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
0–2	1	1	0	0	10	10	20	0.2
2–12	1	0	0	0	22	12	34	0.3
0–12	2	1	0	0	32	22	54	0.5
13–19	0	0	0	1	28	6	34	0.3
20–29	8	1	5	0	1 465	127	1 607	15.4
30–39	33	5	25	5	3 983	207	4 202	40.3
40–49	39	3	26	3	2 855	110	2 970	28.5
50–59	23	2	24	3	1 074	51	1 129	10.8
60+	13	1	7	0	392	41	433	4.2
<b>Total</b>	<b>118</b>	<b>13</b>	<b>87</b>	<b>12</b>	<b>9 829</b>	<b>564</b>	<b>10 429</b>	<b>100.0</b>

**Deaths<sup>3</sup>**

Age group (years)	1 Oct 07 – 30 Sep 08		1 Oct 08 – 30 Sep 09		Cumulative to 30 Sep 09			%
	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	
0–2	1	0	0	0	6	6	12	0.2
2–12	0	0	0	0	17	6	23	0.3
0–12	1	0	0	0	23	12	35	0.5
13–19	0	0	0	0	15	3	18	0.3
20–29	0	0	0	0	695	50	756	11.2
30–39	7	1	3	2	2 489	110	2 608	38.5
40–49	11	2	6	0	2 081	61	2 144	31.6
50–59	4	1	6	0	829	34	864	12.8
60+	9	1	1	0	313	37	350	5.2
<b>Total</b>	<b>32</b>	<b>5</b>	<b>16</b>	<b>2</b>	<b>6 445</b>	<b>307</b>	<b>6 775</b>	<b>100.0</b>

1 AIDS diagnoses and death following AIDS occurring in NSW not included from 1 January 2008.

2 Cases are classified by age at diagnosis.

3 Deaths are classified by age at death.

**Table 1.4 Cases of AIDS<sup>1</sup> by sex and exposure category, cumulative to 30 September 2009, and for two previous yearly intervals**

Exposure category	1 Oct 07 – 30 Sep 08		1 Oct 08 – 30 Sep 09		Cumulative to 30 Sep 09		Total	%
	Male	Female	Male	Female	Male	Female		
Men who have sex with men	85	--	46	--	7 946	--	7 946	79.4
Men who have sex with men and injecting drug use	4	--	5	--	506	--	506	5.1
Injecting drug use	1	1	2	0	238	104	342	3.4
<i>Heterosexual</i>	1	0	0	0	144	78	222	
<i>Not further specified</i>	0	1	2	0	94	26	120	
Heterosexual contact	20	11	19	12	532	343	875	8.7
<i>Sex with injecting drug user</i>	0	0	0	0	9	31	40	
<i>Sex with bisexual male</i>	--	0	--	0	--	50	50	
<i>From a high prevalence country</i>	8	2	2	3	105	98	203	
<i>Sex with person from a high prevalence country</i>	2	0	4	1	90	26	116	
<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	1	0	3	34	40	74	
<i>Not further specified</i>	9	8	13	5	292	88	380	
Haemophilia/coagulation disorder	1	0	0	0	123	3	126	1.3
Receipt of blood/tissue	0	0	0	0	84	66	150	1.5
Health care setting	0	0	0	0	1	3	4	0.0
<b>Total Adults/ Adolescents</b>	<b>111</b>	<b>12</b>	<b>72</b>	<b>12</b>	<b>9 430</b>	<b>519</b>	<b>9 949</b>	<b>99.5</b>
<b>Children (under 13 years at AIDS diagnosis)</b>								
Mother with/at risk for HIV infection	2	1	0	0	17	19	36	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>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>33</b>	<b>22</b>	<b>55</b>	<b>0.5</b>
<b>Sub-total</b>	<b>113</b>	<b>13</b>	<b>72</b>	<b>12</b>	<b>9 463</b>	<b>541</b>	<b>10 004</b>	<b>100.0</b>
Other/undetermined <sup>2</sup>	5	0	15	0	366	23	425	
<b>Total</b>	<b>118</b>	<b>13</b>	<b>87</b>	<b>12</b>	<b>9 829</b>	<b>564</b>	<b>10 429</b>	

1 AIDS diagnoses occurring in NSW not included from 1 January 2008.

2 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 2009, and for two previous yearly intervals**

Exposure category	1 Oct 07 – 30 Sep 08		1 Oct 08 – 30 Sep 09		Cumulative to 30 Sep 09			%
	Male	Female	Male	Female	Male	Female	Total	
Men who have sex with men	19	--	12	--	5 381	--	5 381	82.2
Men who have sex with men and injecting drug use	4	--	0	--	315	--	315	4.8
Injecting drug use	2	2	0	0	140	65	205	3.1
<i>Heterosexual</i>	1	1	0	0	87	52	139	
<i>Not further specified</i>	1	1	0	0	53	13	66	
Heterosexual contact	2	3	1	2	211	152	363	5.5
<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	1	21	22	43	
<i>Sex with person from a high prevalence country</i>	0	1	0	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	1	0	0	21	16	37	
<i>Not further specified</i>	2	1	1	1	135	46	181	
Haemophilia/coagulation disorder	2	0	1	0	101	3	104	1.6
Receipt of blood/tissue	0	0	0	0	75	58	133	2.0
Health care setting	0	0	0	0	1	2	3	0.0
<b>Total Adults/Adolescents</b>	<b>29</b>	<b>5</b>	<b>14</b>	<b>2</b>	<b>6 224</b>	<b>280</b>	<b>6 504</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	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>1</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>30</b>	<b>5</b>	<b>14</b>	<b>2</b>	<b>6 250</b>	<b>293</b>	<b>6 543</b>	<b>100.0</b>
Other/undetermined <sup>1</sup>	2	0	2	0	195	14	232	
<b>Total</b>	<b>32</b>	<b>5</b>	<b>16</b>	<b>2</b>	<b>6 445</b>	<b>307</b>	<b>6 775</b>	

1 Deaths following AIDS occurring in NSW not included from 1 January 2008.

2 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 September 2009, and for two previous yearly intervals

State/Territory	1 Oct 07 – 30 Sep 08		1 Oct 08 – 30 Sep 09		Cumulative to 30 Sep 09			Rate <sup>2</sup>
	Male	Female	Male	Female	Male	Female	Total	
ACT	8	1	10	2	283	36	319	92.3
NSW <sup>3</sup>	326	47	332	42	14 398	999	15 657	224.2
NT	7	2	12	5	155	30	185	84.2
QLD	184	27	180	33	3 211	354	3 574	83.2
SA	36	8	46	5	1 056	120	1 177	73.4
TAS	5	1	11	2	127	15	142	28.5
VIC <sup>4</sup>	254	38	249	31	5 944	459	6 447	121.3
WA	55	20	65	17	1 385	256	1 648	75.9
<b>Total<sup>5</sup></b>	<b>875</b>	<b>144</b>	<b>905</b>	<b>137</b>	<b>26 559</b>	<b>2 269</b>	<b>29 149</b>	<b>136.0</b>

1 Seventy one people (32 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.

**Table 2.2 Number of new diagnoses of HIV infection by sex and exposure category, cumulative to 30 September 2009, and for two previous yearly intervals**

Exposure category	1 Oct 07 – 30 Sep 08		1 Oct 08 – 30 Sep 09		Cumulative to 30 Sep 09			
	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	%
Men who have sex with men	638	--	634	--	18 947	--	18 947	75.4
Men who have sex with men and injecting drug use	28	--	32	--	1 069	--	1 069	4.3
Injecting drug use	24	6	21	4	755	236	991	3.9
<i>Heterosexual</i>	13	5	9	2	325	175	500	
<i>Not further specified</i>	11	1	12	2	430	61	491	
Heterosexual contact	131	127	156	121	1 828	1 662	3 490	13.9
<i>Sex with injecting drug user</i>	4	4	0	4	41	136	177	
<i>Sex with bisexual male</i>	--	9	--	4	--	163	163	
<i>From a high prevalence country</i>	48	64	58	59	463	619	1 082	
<i>Sex with person from a high prevalence country</i>	30	9	24	7	400	166	566	
<i>Sex with person with medically acquired HIV</i>	0	1	0	1	6	22	28	
<i>Sex with HIV infected person, exposure not specified</i>	6	6	7	8	109	202	311	
<i>Not further specified</i>	43	34	67	38	809	354	1 163	
Haemophilia/ coagulation disorder	0	0	0	0	219	4	223	0.9
Receipt of blood/tissue	0	1	0	1	108	104	212	0.8
Health care setting <sup>2</sup>	0	0	0	0	4	9	13	0.1
<b>Total Adults/ Adolescents<sup>1</sup></b>	<b>821</b>	<b>134</b>	<b>843</b>	<b>126</b>	<b>22 930</b>	<b>2 015</b>	<b>24 945</b>	<b>99.2</b>
<b>Children (under 13 years at HIV diagnosis)</b>								
Mother with/at risk for HIV infection <sup>3</sup>	7	4	1	4	55	51	106	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<sup>3</sup></b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>133</b>	<b>60</b>	<b>193</b>	<b>0.8</b>
<b>Sub-total</b>	<b>828</b>	<b>138</b>	<b>844</b>	<b>130</b>	<b>23 063</b>	<b>2 075</b>	<b>25 138</b>	<b>100.0</b>
Other/undetermined <sup>4</sup>	47	6	61	7	3 496	194	4 011	
<b>Total<sup>1</sup></b>	<b>875</b>	<b>144</b>	<b>905</b>	<b>137</b>	<b>26 559</b>	<b>2 269</b>	<b>29 149</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 518 children were notified as having been born to women with HIV infection, cumulative to 30 September 2009.

4 The 'Other/undetermined' exposure category includes 3 984 adults/adolescents and 27 children. Seventy one 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 September 2009, and for two previous yearly intervals**

Age group (years)	1 Oct 07 – 30 Sep 08		1 Oct 08 – 30 Sep 09		Cumulative to 30 Sep 09			%
	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	
0–2	3	2	0	1	56	39	96	0.3
3–12	5	2	2	1	96	25	121	0.4
0–12	8	4	2	2	152	64	217	0.7
13–19	11	4	5	4	485	120	613	2.1
20–29	209	47	228	44	8 215	869	9 208	31.6
30–39	293	59	274	53	9 817	713	10 635	36.5
40–49	226	17	249	22	5 159	277	5 481	18.8
50–59	89	11	112	7	1 923	108	2 044	7.0
60+	39	2	35	4	670	85	759	2.6
Not reported	0	0	0	1	138	33	192	0.7
<b>Total<sup>1</sup></b>	<b>875</b>	<b>144</b>	<b>905</b>	<b>137</b>	<b>26 559</b>	<b>2 269</b>	<b>29 149</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 2008 to 30 September 2009 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 08 – 31 Mar 09		1 Apr 09 – 30 Sep 09		Cumulative to 30 Sep 09		
	Male	Female	Male	Female	Male	Female	Total
ACT	0	0	3	0	3	0	3
NSW <sup>1</sup>	68	3	50	2	118	5	124
NT	1	1	4	2	5	3	8
QLD	18	1	35	2	53	3	56
SA	3	0	4	0	7	0	7
TAS	0	0	2	0	2	0	2
VIC	46	0	41	2	87	2	89
WA	4	0	2	0	6	0	6
<b>Total<sup>1</sup></b>	<b>140</b>	<b>5</b>	<b>141</b>	<b>8</b>	<b>281</b>	<b>13</b>	<b>295</b>

1 Total includes 1 person whose sex was reported as transgender.

**Table 2.5** Number of new diagnoses of HIV infection in the year 1 October 2008 to 30 September 2009 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 08 – 31 Mar 09		1 Apr 09 – 30 Sep 09		Cumulative to 30 Sep 09		
	Male	Female	Male	Female	Male	Female	Total
Men who have sex with men	123	--	117	--	240	--	240
Men who have sex with men and injecting drug use	4	--	3	--	7	--	7
Injecting drug use (female and heterosexual male)	1	1	1	0	2	1	3
Heterosexual contact	8	4	13	8	21	12	33
Health care setting	0	0	0	0	0	0	0
Other/undetermined <sup>1</sup>	4	0	7	0	11	0	12
<b>Total<sup>1</sup></b>	<b>140</b>	<b>5</b>	<b>141</b>	<b>8</b>	<b>281</b>	<b>13</b>	<b>295</b>

1 Total includes 1 person whose sex was reported as transgender.

**Table 2.6** Number of new diagnoses of HIV infection in the year 1 October 2008 to 30 September 2009 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 08 – 31 Mar 09		1 Apr 09 – 30 Sep 09		Cumulative to 30 Sep 09		
	Male	Female	Male	Female	Male	Female	Total
13 – 19	0	0	1	1	1	1	2
20 – 29 <sup>1</sup>	49	1	42	4	91	5	97
30 – 39	33	2	42	2	75	4	79
40 – 49	41	2	34	0	75	2	77
50 – 59	14	0	21	1	35	1	36
60+	3	0	1	0	4	0	4
<b>Total<sup>1</sup></b>	<b>140</b>	<b>5</b>	<b>141</b>	<b>8</b>	<b>281</b>	<b>13</b>	<b>295</b>

1 Total includes 1 person whose sex was reported as transgender.

## 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 2009

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	1 659	1 063	804	414	10	1	11
RPA Sexual Health Centre, NSW	559	211	277	89	0	0	0
Brisbane Sexual Health Clinic, QLD	1 321	781	430	166	2	0	2
Gold Coast Sexual Health Clinic, QLD	704	469	171	101	0	0	0
Clinic 275, Adelaide, SA	1 747	956	1 451	767	1	0	1
Melbourne Sexual Health Centre, VIC	2 340	2 424	1 456	1 006	14	1	15
<b>Total</b>	<b>8 330</b>	<b>5 904</b>	<b>4 589</b>	<b>2 543</b>	<b>27</b>	<b>2</b>	<b>29</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 2009

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	2 405	--	75.9	--	15	--	15	0.8
Men who have sex with men and injecting drug use	110	--	75.5	--	5	--	5	6.0
Injecting drug use (female and heterosexual male)	124	100	61.3	53.0	0	0	0	0.0
Heterosexual contact	2 330	1 693	50.0	46.2	0	1	1	0.1
<i>outside Australia</i>	548	346	61.7	53.7	0	0	0	0.0
<i>within Australia only</i>	1 782	1 347	46.5	44.3	0	1	1	0.1
Sex worker	--	1 115	--	52.8	--	1	1	0.2
Sex worker and injecting drug use	--	64	--	51.6	--	0	0	0.0
Other/undetermined	43	112	44.2	46.3	0	0	0	0.0
<b>Total</b>	<b>5 012</b>	<b>3 084</b>	<b>63.2</b>	<b>49.4</b>	<b>20</b>	<b>2</b>	<b>22</b>	<b>0.5</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 2009

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	615	--	59.7	--	6	--	6	1.6
Men who have sex with men and injecting drug use	17	--	76.5	--	1	--	1	7.7
Injecting drug use (female and heterosexual male)	48	31	60.4	61.3	0	0	0	0.0
Heterosexual contact	1 938	2 370	51.2	36.6	0	0	0	0.0
<i>outside Australia</i>	468	354	59.8	52.5	0	0	0	0.0
<i>within Australia only</i>	1 470	2 016	48.5	33.8	0	0	0	0.0
Sex worker	--	139	--	69.1	--	0	0	0.0
Sex worker and injecting drug use	--	8	--	50.0	--	0	0	0.0
Other/undetermined	253	237	7.5	14.3	0	0	0	0.0
<b>Total</b>	<b>2 871</b>	<b>2 785</b>	<b>49.5</b>	<b>36.6</b>	<b>7</b>	<b>0</b>	<b>7</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 2009

Age group (years)	Seen at Clinic		Tested for HIV antibody		Newly diagnosed with HIV infection		
	Male	Female	Male	Female	Male	Female	Total
13 – 19	296	514	172	199	2	0	2
20 – 29	3 710	3 056	2 147	1 301	11	2	13
30 – 39	2 270	1 524	1 228	679	9	0	9
40 – 49	1 219	627	635	288	4	0	4
50 – 59	549	144	274	55	1	0	1
60+	286	39	133	21	0	0	0
<b>Total</b>	<b>8 330</b>	<b>5 904</b>	<b>4 589</b>	<b>2 543</b>	<b>27</b>	<b>2</b>	<b>29</b>

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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.

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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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