

#### The Kirby Institute Australian HIV Surveillance Report

Vol 27 No 4 October 2011

#### Diagnoses in the second quarter

#### 1 April – 30 June 2011

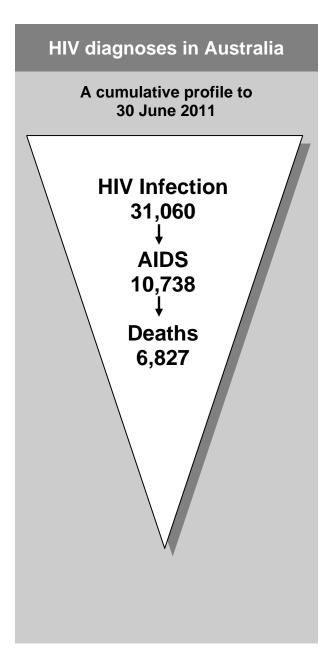
- a total of 289 diagnoses of HIV infection, 28 diagnoses of AIDS and 3 deaths following AIDS were reported, by 30 September 2011, to have occurred in the second quarter of 2011
- in comparison, 277 diagnoses of HIV infection, 29 diagnoses of AIDS and 5 deaths following AIDS were reported by 30 September 2011, to have occurred in the second quarter of 2010

#### **New HIV infection**

During the second quarter of 2011, 103 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 92.2% (95) of cases.

# Diagnoses in the year to 30 June 2011

- 1 049 diagnoses of HIV infection
- 119 diagnoses of AIDS
- 19 deaths following AIDS were reported by 30 September 2011



The Kirby Institute (formerly the National Centre in HIV Epidemiology and Clinical Research) is funded by the Australian Government Department of Health and Ageing and is affiliated with the Faculty of Medicine, The University of New South Wales. Its work is overseen by the Ministerial Advisory Committee on AIDS, Sexual Health and Hepatitis. The Kirby Institute Surveillance and Evaluation Program for Public Health is a research associate of the Australian Institute of Health and Welfare.

### 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 <u>http://www.hivaidsconference.com.au</u>.

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 <a href="http://www.hivaidsconference.com.au">http://www.hivaidsconference.com.au</a>

... continued from page 1

#### **HIV diagnoses**

People diagnosed with HIV infection in the year to 30 June 2011 had an average age of 38 years and 1.9% was in the age group 13 – 19 years

86.8% were male and 13.1% were female

of 854 cases of HIV infection, newly diagnosed among adult/adolescent males in the year to 30 June 2011 for which an exposure to HIV was reported, 712 (83.4%) were attributed to men who had sex with men, with or without a history of injecting drug use.

#### Total diagnoses to 30 June 2011

- 31 060 diagnoses of HIV infection
- 10 738 diagnoses of AIDS
- 6 827 deaths following AIDS were reported by 30 September 2011

#### HIV testing in sexual health clinics

Six sexual health clinics in Adelaide, Brisbane, Gold Coast, Melbourne and Sydney tested 6 897 people in the quarter 1 April – 30 June 2011 who were not previously known to have HIV infection.

- of 1 361 men reported as having been tested for the first time, 4 (0.3%) were found to have HIV infection
- of 3 277 men, reported as having been retested following a previous negative test, 32 (1.0%) were found to have HIV infection
- of 2 209 men who have sex with men, who were retested following a previous negative test, 32 (1.4%) were newly diagnosed with HIV infection

### **National AIDS Registry**

Table 1.1Cases of AIDS and deaths following AIDS by sex and State/Territory in which<br/>diagnosis of AIDS was made, cumulative to 30 June 2011, and for two previous yearly<br/>intervals

	1 Jul 09 –	1 Jul 09 – 30 Jun 10		30 Jun 11	Cumulative to 30 Jun 11					
State/Territory	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	%		
ACT	0	0	0	0	95	10	105	1.0		
NSW	43	6	41	7	5 660	288	5 967	55.6		
NT	2	0	2	0	52	6	58	0.5		
QLD	11	2	10	1	1 115	80	1 197	11.1		
SA	8	0	1	1	428	33	462	4.3		
TAS	0	0	0	0	55	4	59	0.5		
VIC	44	3	47	2	2 227	130	2 370	22.1		
WA	6	3	7	0	469	49	520	4.8		
Total	114	14	108	11	10 101	600	10 738	100.0		

#### Deaths

Cases

	1 Jul 09 –	30 Jun 10	1 Jul 10 –	30 Jun 11	Cumulative to 30 Jun 11					
State/Territory	Male	Female	Male	Female	Male	Female	Total <sup>†</sup>	%		
ACT	0	0	0	0	73	7	80	1.2		
NSW	3	0	5	1	3 614	143	3 768	55.2		
NT	0	0	0	0	33	1	34	0.5		
QLD	2	1	4	0	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	10	0	9	0	1 468	66	1 543	22.6		
WA	0	1	0	0	301	30	332	4.9		
Total	16	2	18	1	6 491	313	6 827	100.0		

† Totals include 37 AIDS cases and 23 deaths following AIDS in people whose sex was reported as transgender.

	1 Jul	09 – 30 Jun 10		1 Jul	10 – 30 Jun 11	
State/Territory	Male	Female	Total	Male	Female	Total
ACT	0.0	0.0	0.0	0.0	0.0	0.0
NSW	12.2	1.7	6.9	11.4	1.9	6.6
NT	17.0	0.0	8.8	16.8	0.0	8.7
QLD	5.0	0.9	2.9	4.4	0.4	2.4
SA	10.0	0.0	4.9	1.2	1.2	1.2
TAS	0.0	0.0	0.0	0.0	0.0	0.0
VIC	16.3	1.1	8.6	17.1	0.7	8.8
WA	5.3	2.7	4.0	6.0	0.0	3.1
Total	10.4	1.3	5.8	9.7	1.0	5.3

# Table 1.2Incidence of AIDS per million current population1 by sex and State/Territory of<br/>diagnosis for the two most recent yearly intervals

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

# Table 1.3Cases of AIDS and deaths following AIDS by sex and age group, cumulative to<br/>30 June 2011, and for two previous yearly intervals

	1 Jul 09 –	30 Jun 10	1 Jul 10 –	30 Jun 11		Cumulative	to 30 Jun 11	
Age group (years)	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	1	0	0	28	7	35	0.3
20 – 29	9	2	12	1	1 492	132	1 640	15.3
30 - 39	38	6	25	3	4 054	219	4 285	39.9
40 - 49	38	2	36	4	2 952	118	3 075	28.6
50 - 59	18	1	21	2	1 127	57	1 188	11.1
60+	11	0	14	1	416	43	459	4.3
Total	114	14	108	11	10 101	600	10 738	100.0

Cases<sup>1</sup>

Deaths<sup>2</sup>

	1 Jul 09 –	30 Jun 10	1 Jul 10 –	30 Jun 11		Cumulative	to 30 Jun 11	
Age group (years)	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	1	0	699	50	760	11.1
30 – 39	0	1	1	0	2 494	111	2 614	38.3
40 - 49	6	1	7	0	2 099	63	2 164	31.7
50 – 59	6	0	5	1	840	36	877	12.8
60+	2	0	4	0	321	38	359	5.3
Total	16	2	18	1	6 491	313	6 827	100.0

1 Cases are classified by age at diagnosis.

2 Deaths are classified by age at death.

	1 Jul 09 –	30 Jun 10	1 Jul 10 –	30 Jun 11		Cumulative	e to 30 Jun 1	1
Exposure category	Male	Female	Male	Female	Male	Female	Total	%
Men who had sex with men	70		66		8 123		8 123	78.9
Men who had sex with men and injecting drug use	8		3		521		521	5.1
Injecting drug use	9	0	3	1	252	108	360	3.5
Heterosexual	5	0	3	1	155	82	237	
Not further specified	4	0	0	0	97	26	123	
Heterosexual contact	18	11	25	9	582	369	951	9.2
Sex with injecting drug user	0	0	0	0	10	32	42	
Sex with bisexual male		0		0		53	53	
From a high prevalence country	5	5	5	3	117	110	227	
Sex with person from a high prevalence country	3	1	4	1	97	28	125	
Sex with person with medically acquired HIV	0	0	0	0	2	11	13	
Sex with HIV infected person, exposure not specified	1	0	1	0	36	38	74	
Not further specified	9	5	15	5	320	97	417	
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
Total Adults/Adolescents	105	11	98	10	9 688	550	10 238	99.4
Children (under 13 years at AID	S diagnosis)	)						
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
Total children	0	2	0	0	33	24	57	0.6
Sub-total	105	13	98	10	9 721	574	10 295	100.0
Other/undetermined <sup>1</sup>	9	1	10	1	380	26	443	
Total	114	14	108	11	10 101	600	10 738	

# Table 1.4Cases of AIDS by sex and exposure category, cumulative to 30 June 2011, and for two<br/>previous yearly intervals

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.

	1 Jul 09 –	30 Jun 10	1 Jul 10 –	30 Jun 11		Cumulative	to 30 Jun 1	1
Exposure category	Male	Female	Male	Female	Male	Female	Total	%
Men who had sex with men	11		15		5 415		5 415	82.2
Men who had sex with men and injecting drug use	1		0		319		319	4.8
Injecting drug use	0	1	0	0	140	67	207	3.1
Heterosexual	0	0	0	0	87	53	140	
Not further specified	0	1	0	0	53	14	67	
Heterosexual contact	0	1	2	0	214	154	368	5.6
Sex with injecting drug user	0	0	0	0	5	14	19	
Sex with bisexual male		0		0		36	36	
From a high prevalence country	0	0	0	0	21	22	43	
Sex with person from a high prevalence country	0	0	1	0	28	12	40	
Sex with person with medically acquired HIV	0	0	0	0	2	7	9	
Sex with HIV infected person, exposure not specified	0	0	0	0	21	17	38	
Not further specified	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
Total Adults/Adolescents	12	2	17	0	6 265	285	6 550	99.4
Children (under 13 years at AID	S diagnosis)							
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
Total children	0	0	0	0	26	13	39	0.6
Sub-total	12	2	17	0	6 291	298	6 589	100.0
Other/undetermined <sup>1</sup>	4	0	1	1	200	15	238	
Total	16	2	18	1	6 491	313	6 827	

# Table 1.5Deaths following AIDS by sex and exposure category, cumulative to 30 June 2011, and<br/>for two previous yearly intervals

1 Т

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**

	1 Jul 09 –	30 Jun 10	1 Jul 10 –	30 Jun 11	Cumulative to 30 Jun 11					
State/Territory	Male	Female	Male	Female	Male	Female	Total	Rate <sup>2</sup>		
ACT	8	1	10	2	298	40	338	94.3		
NSW <sup>3</sup>	342	43	300	20	14 990	1 050	16 302	225.4		
NT	10	1	4	1	166	31	197	85.8		
QLD	197	34	209	34	3 556	415	3 980	88.2		
SA	44	9	40	12	1 128	141	1 270	77.2		
TAS	7	2	12	3	147	24	171	33.7		
VIC <sup>4</sup>	257	28	269	34	6 406	518	6 970	125.7		
WA	79	27	67	31	1 512	313	1 832	79.9		
Total⁵	944	145	911	137	28 203	2 532	31 060	139.1		

# Table 2.1Number of new diagnoses of HIV infection by sex1 and State/Territory, cumulative to<br/>30 June 2011, and for two previous yearly intervals

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.

	1 Jul 09 –	30 Jun 10	1 Jul 10 –	30 Jun 11		Cumulative	e to 30 Jun <sup>.</sup>	11
Exposure category	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	%
Men who had sex with men	678		690		20 192		20 192	74.9
Men who had sex with men and injecting drug use	29		22		1 124		1 124	4.2
Injecting drug use	27	3	10	6	786	248	1 034	3.8
Heterosexual	18	2	8	4	352	183	535	
Not further specified	9	1	2	2	434	65	499	
Heterosexual contact	157	127	131	116	2 074	1 890	3 964	14.7
Sex with injecting drug user	1	1	0	6	43	143	186	
Sex with bisexual male		3		4		172	172	
From a high prevalence country	69	68	32	68	541	744	1 285	
Sex with person from a high prevalence country	32	13	50	8	469	183	652	
Sex with person with medically acquired HIV	0	2	0	0	6	25	31	
Sex with HIV infected person, exposure not specified	7	7	8	12	124	229	353	
Not further specified	48	33	41	18	891	394	1 285	
Haemophilia/ coagulation disorder	0	0	0	0	219	4	223	0.8
Receipt of blood/tissue	0	0	1	1	109	105	214	0.8
Health care setting <sup>2</sup>	0	0	0	0	4	9	13	0.0
Total Adults/ Adolescents <sup>1</sup>	891	130	854	123	24 508	2 256	26 764	99.2
Children (under 13 years at HIV d	iagnosis)							
Mother with/at risk for HIV infection <sup>3</sup>	3	8	2	6	62	61	123	0.5
Haemophilia/ coagulation disorder	0	0	0	0	65	0	65	0.2
Receipt of blood/tissue	1	1	0	0	14	10	24	0.1
Total children	4	9	2	6	141	71	212	0.8
Sub-total	895	139	856	129	24 649	2 327	26 976	100.0
Other/undetermined <sup>4</sup>	49	6	55	8	3 554	205	4 084	
Total <sup>1</sup>	944	145	911	137	28 203	2 532	31 060	

# Table 2.2Number of new diagnoses of HIV infection, by sex and exposure category, cumulative<br/>to 30 June 2011, and for two previous yearly intervals

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 606 children were notified as having been born to women with HIV infection, cumulative to 30 June 2011.

4 The 'Other/undetermined' exposure category includes 4 057 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.

	1 Jul 09 –	30 Jun 10	1 Jul 10 –	30 Jun 11		Cumulative	to 30 Jun 11	
Age group (years)	Male	Female	Male	Female	Male	Female	Total <sup>1</sup>	%
0-2	1	3	0	1	49	33	83	0.3
3 – 12	3	7	2	5	109	45	154	0.5
0 – 12	4	10	2	6	158	78	237	0.8
13 – 19	8	3	17	3	510	126	644	2.1
20 – 29	224	44	225	48	8 621	956	9 702	31.2
30 - 39	309	58	270	44	10 327	810	11 245	36.2
40 - 49	254	19	238	22	5 591	315	5 951	19.2
50 - 59	114	10	108	10	2 114	126	2 253	7.3
60+	31	1	51	4	745	89	838	2.7
Not reported	0	0	0	0	137	32	190	0.6
Total <sup>1</sup>	944	145	911	137	28 203	2 532	31 060	100.0

Table 2.3	Number of new diagnoses of HIV infection by sex and age group, cumulative to 30
	June 2011, and for two previous yearly intervals

1 See footnotes Table 2.1

Table 2.4Number of new diagnoses of HIV infection in the year 1 July 2010 to 30 June 2011 for<br/>which primary HIV infection was diagnosed or the date of a prior negative test was<br/>within one year of diagnosis of HIV infection, by sex and State/Territory and for two<br/>six month intervals of HIV diagnosis

	1 Jul 10 –	1 Jul 10 – 31 Dec 10			1 Jul 10 – 30 Jun 11			
State/Territory	Male	Female	Male	Female	Male	Female	Total	
ACT	2	0	1	0	3	0	3	
NSW	55	1	93	1	148	2	150	
NT	0	0	1	0	1	0	1	
QLD	28	1	30	3	58	4	62	
SA	1	0	5	0	6	0	6	
TAS	1	0	4	0	5	0	5	
VIC	40	3	56	2	96	5	101	
WA	3	0	11	1	14	1	15	
Total	130	5	201	7	331	12	343	

# Table 2.5Number of new diagnoses of HIV infection in the year 1 July 2010 to 30 June 2011 for<br/>which primary HIV infection was diagnosed or the date of a prior negative test was<br/>within one year of diagnosis of HIV infection, by sex and exposure category and for<br/>two six month intervals of HIV diagnosis

	1 Jul 10 –	1 Jul 10 – 31 Dec 10 1		1 Jan 11 – 30 Jun 11		1 Jul 10 – 30 Jun 11		
Exposure category	Male	Female	Male	Female	Male	Female	Total	
Men who had sex with men	114		181		295		295	
Men who had sex with men and injecting drug use	1		4		5		5	
Injecting drug use (female and heterosexual male)	1	0	2	0	3	0	3	
Heterosexual contact	10	5	11	7	21	12	33	
Health care setting	0	0	0	0	0	0	0	
Other/undetermined	4	0	3	0	7	0	7	
Total	130	5	201	7	331	12	343	

# Table 2.6Number of new diagnoses of HIV infection in the year 1 July 2010 to 30 June 2011 for<br/>which primary HIV infection was diagnosed or the date of a prior negative test was<br/>within one year of diagnosis of HIV infection, by sex and age group and for two six<br/>month intervals of HIV diagnosis

	1 Jul 10 –	1 Jul 10 – 31 Dec 10 1 Jan 11 – 30 Jun 14		30 Jun 11	1 Jul 10 – 30 Jun 11			
Age Group (years)	Male	Female	Male	Female	Male	Female	Total	
13 – 19	7	0	4	1	11	1	12	
20 – 29	41	1	61	1	102	2	104	
30 – 39	35	1	57	2	92	3	95	
40 – 49	32	2	57	1	89	3	92	
50 – 59	10	1	19	2	29	3	32	
60+	5	0	3	0	8	0	8	
Total	130	5	201	7	331	12	343	

### Sentinel surveillance of HIV infection in sexual health clinics

Table 3.1Number of people seen, number of people tested for HIV antibody and number of<br/>people newly diagnosed with HIV infection, by sex and sexual health clinic, during the<br/>quarter 1 April to 30 June 2011

	Seen	Tested for HIV Seen at Clinic antibody			Newly diagnosed with HIV infection			
Sexual health clinic	Male	Female	Male	Female	Male	Female	Total	
Sydney Sexual Health Centre	2 056	1 160	882	394	16	0	16	
RPA Sexual Health Centre, NSW	591	244	273	107	0	0	0	
Brisbane Sexual Health Clinic, QLD	991	564	296	90	1	0	1	
Gold Coast Sexual Health Clinic, QLD	755	508	307	198	0	1	1	
Clinic 275, Adelaide, SA	1 392	696	1 156	545	5	0	5	
Melbourne Sexual Health Centre, VIC	3 254	2 136	1 724	925	14	0	14	
Total	9 039	5 308	4 638	2 259	36	1	37	

# Table 3.2Number of people seen who had a previous negative HIV antibody test, percent<br/>retested for HIV antibody and number (percent) newly diagnosed with HIV infection,<br/>by sex and exposure category, during the quarter 1 April to 30 June 2011

	neg	revious ative HIV body test		ested for Intibody			agnosed infection	
Exposure category	Male	Female	Male	Female	Male	Female	Total	%
Men who have sex with men	3 138		67.0		31		31	1.5
Men who have sex with men and injecting drug use	150		71.3		1		1	0.9
Injecting drug use (female and heterosexual male)	117	92	53.0	55.4	0	0	0	0.0
Heterosexual contact	2 208	1 917	44.8	42.4	0	1	1	0.1
outside Australia	682	474	50.7	47.0	0	1	1	0.2
within Australia only	1 526	1 443	42.2	40.8	0	0	0	0.0
Sex worker		1 123		50.3		0	0	0.0
Sex worker and injecting drug use		70		47.1		0	0	0.0
Other/undetermined	34	70	47.1	52.9	0	0	0	0.0
Total	5 647	3 272	58.0	45.8	32	1	33	0.7

# Table 3.3Number of people seen with no previous HIV antibody test, percent tested for HIV<br/>antibody for the first time, and number (percent) newly diagnosed with HIV infection,<br/>by sex and exposure category, during the quarter 1 April to 30 June 2011

	No previous HIV antibody test		% tested for HIV antibody		Newly diagnosed with HIV infection				
Exposure category	Male	Female	Male	Female	Male	Female	Total	%	
Men who have sex with men	650		61.1		4		4	1.0	
Men who have sex with men and injecting drug use	29		20.7		0		0	0.0	
Injecting drug use (female and heterosexual male)	25	28	44.0	53.6	0	0	0	0.0	
Heterosexual contact	1 789	1 469	51.8	41.9	0	0	0	0.0	
outside Australia	508	327	59.6	49.5	0	0	0	0.0	
within Australia only	1 281	1 142	48.6	39.7	0	0	0	0.0	
Sex worker		166		68.7		0	0	0.0	
Sex worker and injecting drug use		4		75.0		0	0	0.0	
Other/undetermined	452	334	4.6	4.2	0	0	0	0.0	
Total	2 845	2 001	46.2	38.0	4	0	4	0.2	

# Table 3.4Number of people seen, number tested for HIV antibody and number newly diagnosed<br/>with HIV infection, by sex and age group, during the quarter 1 April to 30 June 2011

	Seen at Clinic		Tested for HIV antibody		Newly diagnosed with HIV infection		
Age group (years)	Male	Female	Male	Female	Male	Female	Total
13 – 19	329	424	189	158	0	0	0
20 – 29	4 111	2 879	2 153	1 174	18	1	19
30 – 39	2 414	1 366	1 266	640	11	0	11
40 – 49	1 284	468	623	211	5	0	5
50 – 59	593	143	271	68	2	0	2
60+	308	28	136	8	0	0	0
Total	9 039	5 308	4 638	2 259	36	1	37

### Contents

Australian HIV Surveillance Update	1
Announcements	2
National AIDS Registry	4
National HIV Registry	9
Sentinel HIV Surveillance in sexual health clinics	13
Notes	16

# List of tables

	cumulative to 30 June 2011, and for two previous yearly intervals	4
Table 1.2	Incidence of AIDS per million current population by sex and State/Territory of diagnosis for the two most recent yearly intervals	5
Table 1.3	Cases of AIDS and deaths following AIDS by sex and age group, cumulative to 30 June 2011, and for two previous yearly intervals	6
Table 1.4	Cases of AIDS by sex and exposure category, cumulative to 30 June 2011, and for two previous yearly intervals	7
Table 1.5	Deaths following AIDS by sex and exposure category, cumulative to 30 June 2011, and for two previous yearly intervals	8
Table 2.1	Number of new diagnoses of HIV infection by sex and State/Territory, cumulative to 30 June 2011, and for two previous yearly intervals	9
Table 2.2	Number of new diagnoses of HIV infection by sex and exposure category, cumulative to 30 June 2011, and for two previous yearly intervals	10
Table 2.3	Number of new diagnoses of HIV infection by sex and age group, cumulative to 30 June 2011, and for two previous yearly intervals	11
Table 2.4	Number of new diagnoses of HIV infection in the year 1 July 2010 to 31 June 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	11
Table 2.5	Number of new diagnoses of HIV infection in the year 1 July 2010 to 30 June 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	12
Table 2.6	Number of new diagnoses of HIV infection in the year 1 July 2010 to 30 June 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	12
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 2011	13
Table 3.2	Number of people seen who had a <i>previous negative HIV antibody test</i> , 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 2011	13
Table 3.3	Number of people seen with <i>no previous HIV antibody test</i> , 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 2011	14
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 April to 30 June 2011	14

Australian HIV Surveillance Report The Kirby Institute for infection and immunity in society

ISSN 1035-221X

#### 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.

The Australian HIV Surveillance Report is produced by the Kirby Institute on a quarterly basis, issued in January, April, July and October. Subscription is free, and can be obtained by writing to the Editor or by calling the Surveillance and Evaluation Program for Public Health of the Kirby Institute:

Australian HIV Surveillance Report The Kirby Institute The University of New South Wales Sydney NSW 2052 Australia

 Tel:
 (02) 9385 0900

 Fax:
 (02) 9385 0920 International prefix: (612)

 Email:
 recept@kirby.unsw.edu.au

 Internet:
 www.kirby.unsw.edu.au

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

NSW Public Health Bulletin	www.health.nsw.gov.au/publichealth/phb/phb.html
The Northern Territory Disease Control Bulletin	www.nt.gov.au/health/cdc/aids_std/report/index.shtml
Sexually Transmitted Diseases in South Australia	www.stdservices.on.net/publications
Victorian Infectious Diseases Bulletin	www.dhs.vic.gov.au/phd/vidb/
Disease WAtch	www.public.health.wa.gov.au/

#### For further information at a State/Territory level, contact:

ACT	Ms Rebecca Hundy, ACT Health	(02)	6205 2052
NSW	Ms Vicky Bowden, NSW Health Department	(02)	9391 9675
NT	Ms Wendy Armstrong, Department of Health and Community Services	(08)	8922 8606
QLD	Ms Jo Murray, Queensland Department of Health	(07)	3224 5526
SA	Ms Therese Davey, SA Health Commission	(08)	8226 6025
TAS	Mr David Coleman, Department of Health	(03)	6233 3203
VIC	Ms Carol El-Hayek, Burnet Institute	(03)	9282 2290
WA	Ms Carolien Giele, WA Department of Health	(08)	9388 4817