



National Centre in HIV Epidemiology and Clinical Research

Australian HIV Surveillance Report

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Diagnoses in the fourth quarter

1 October – 31 December 2005

- a total of 231 diagnoses of HIV infection, 38 diagnoses of AIDS and 16 deaths following AIDS were reported, by 31 March 2006, to have occurred in the fourth quarter of 2005
- following adjustment for reporting delay, the estimated numbers of AIDS diagnoses and deaths following AIDS occurring in the fourth quarter of 2005 were 80 and 24
- in comparison, 231 diagnoses of HIV infection, 49 diagnoses of AIDS and 28 deaths following AIDS were reported by 31 March 2006, to have occurred in the fourth quarter of 2004

New HIV infection

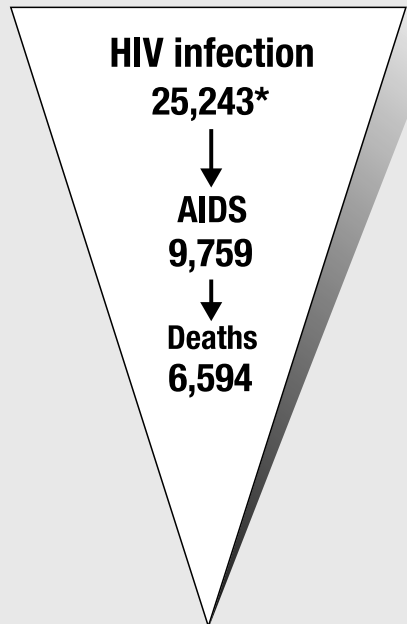
During the fourth quarter of 2005, 45 cases among males were reported as having newly acquired HIV infection identified by a negative test within the 12 months prior to diagnosis or the diagnosis of HIV seroconversion illness. A history of male homosexual contact, with or without a history of injecting drug use, was reported in 40 (88.9%) cases.

Diagnoses in the year to 31 December 2005

- 956 diagnoses of HIV infection
- 194 diagnoses of AIDS
- 63 deaths following AIDS were reported by 31 March 2006

The HIV Epidemic in Australia

A cumulative profile to 31 December 2005



* Estimated number of new diagnoses of HIV infection, adjusted for multiple reports, was 22,360 (range 21,845 – 22,875).

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. The NCHECR Surveillance Program is a collaborating unit of the Australian Institute of Health and Welfare. Its work is overseen by the Ministerial Advisory Committee on AIDS, Sexual Health and Hepatitis.

Announcements

National meetings

The **2006 Australasian Sexual Health Conference** will be held at the Carlton Crest Hotel, Melbourne on 9 – 11 October 2006. Further information may be obtained from ASHM Conference 2006,

Locked Mail Bag 5057, Darlinghurst NSW 1300 Australia.

Telephone: +61 2 8204 0770

Facsimile: +61 2 9212 4670

E-mail: conferenceinfo@ashm.org.au

Website: www.ashm.org.au/conference

The **18th Annual Conference of Australasian Society for HIV Medicine** will be held in conjunction with the **3rd Australian Centre for HIV and Hepatitis Virology Research** at the Carlton Crest Hotel, Melbourne, on 11 – 14 October 2006. Further information may be obtained from ASHM Conference 2006,

Locked Mail Bag 5057, Darlinghurst NSW 1300 Australia.

Telephone: +61 2 8204 0770

Facsimile: +61 2 9212 4670

E-mail: conferenceinfo@ashm.org.au

Website: www.ashm.org.au/conference

The **14th National Symposium on hepatitis B and C** will be held on Saturday 18 November 2006, at St Vincent's Hospital, Aikenhead Wing, 27 Victoria Parade, Fitzroy. For further information, please contact Eleanor Belôt.

Telephone: (03) 9288 3580

E-mail: eleanor.belot@svhm.org.au

Website: www.svhm.org.au

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

HIV diagnoses

People diagnosed with HIV infection in the year to 31 December 2005 had an average age of 37 years and 1.3% were in the age group 13 – 19 years

- 90.3% were male, 9.6% were female and gender was reported as transsexual in 0.1%
- of 768 cases of HIV infection, newly diagnosed among men in the year to 31 December 2005 for which an exposure to HIV was reported, 656 (85.4%) were attributed to male homosexual/bisexual contact, with or without a history of injecting drug use.

Total diagnoses to 31 December 2005

- 25,243 diagnoses of HIV infection
- 22,360 diagnoses of HIV infection following adjustment for multiple reporting
- 9,759 diagnoses of AIDS
- 6,594 deaths following AIDS were reported by 31 March 2006

HIV testing in sexual health clinics

Five sexual health clinics in Brisbane, Gold Coast, Melbourne and Sydney tested 3,266 people in the quarter 1 October – 31 December 2005 who were not previously known to have HIV infection

- of 681 men reported as having been tested for the first time, 3 (0.4%) were found to have HIV infection
- of 1,382 men reported as having been retested following a previous negative test, 8 (0.6%) were found to have HIV infection
- of 821 homosexually active men who were retested following a previous negative test, 8 (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 31 December 2005, and for two previous yearly intervals

Cases

State/Territory	1 Jan 04 – 31 Dec 04		1 Jan 05 – 31 Dec 05		Cumulative to 31 Dec 05			
	Male	Female	Male	Female	Male	Female	Total†	%
ACT	0	1	0	0	92	10	102	1.1
NSW	84	8	74	12	5 296	244	5 557	56.9
NT	1	1	0	1	41	3	44	0.5
QLD	23	5	28	4	1 010	68	1 080	11.1
SA	7	1	8	0	393	31	425	4.4
TAS	1	0	2	0	50	4	54	0.5
VIC	34	5	50	8	1 926	105	2 041	20.9
WA	7	0	6	1	418	36	456	4.7
Total	157	21	168	26	9 226	501	9 759	100.0

Deaths

State/Territory	1 Jan 04 – 31 Dec 04		1 Jan 05 – 31 Dec 05		Cumulative to 31 Dec 05			
	Male	Female	Male	Female	Male	Female	Total†	%
ACT	0	0	1	1	72	7	79	1.2
NSW	43	2	27	4	3 553	134	3 697	56.1
NT	0	1	0	0	26	1	27	0.4
QLD	11	2	12	0	652	41	695	10.5
SA	10	0	2	0	273	20	293	4.4
TAS	0	0	0	0	32	2	34	0.5
VIC	12	1	13	0	1 385	59	1 452	22.0
WA	7	1	3	0	292	24	317	4.8
Total	83	7	58	5	6 285	288	6 594	100.0

† Totals include 32 AIDS cases and 21 deaths following AIDS in people whose sex was reported as transgender.

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

State/Territory	1 Jan 04 – 31 Dec 04			1 Jan 05 – 31 Dec 05		
	Male	Female	Total	Male	Female	Total
ACT	0.0	6.1	3.1	0.0	0.0	0.0
NSW	25.1	2.4	13.7	22.0	3.5	12.7
NT	9.5	10.6	10.0	0.0	10.4	4.9
QLD	11.8	2.6	7.2	14.1	2.0	8.1
SA	9.2	1.3	5.2	10.5	0.0	5.2
TAS	4.2	0.0	2.1	8.4	0.0	4.1
VIC	13.5	2.0	7.7	20.2	3.1	11.5
WA	7.1	0.0	3.5	6.0	1.0	3.5
Total	15.6	2.1	8.8	16.6	2.5	9.5

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 December 2005, and for two previous yearly intervals

Cases¹

Age group (years)	1 Jan 04 – 31 Dec 04		1 Jan 05 – 31 Dec 05		Cumulative to 31 Dec 05			
	Male	Female	Male	Female	Male	Female	Total [†]	%
0–2	0	0	0	0	9	9	18	0.2
2–12	0	0	0	0	21	11	32	0.3
0–12	0	0	0	0	30	20	50	0.5
13–19	0	0	0	0	27	5	32	0.3
20–29	7	3	11	3	1 421	118	1 553	15.9
30–39	50	5	52	11	3 799	184	3 993	40.9
40–49	58	5	65	9	2 646	93	2 743	28.1
50–59	29	5	25	3	967	44	1 015	10.4
60+	13	3	15	0	336	37	373	3.8
Total	157	21	168	26	9 226	501	9 759	100.0

Deaths²

Age group (years)	1 Jan 04 – 31 Dec 04		1 Jan 05 – 31 Dec 05		Cumulative to 31 Dec 05			
	Male	Female	Male	Female	Male	Female	Total [‡]	%
0–2	0	0	0	0	5	6	11	0.2
2–12	0	0	0	0	17	6	23	0.3
0–12	0	0	0	0	22	12	34	0.5
13–19	0	0	0	0	14	3	17	0.3
20–29	1	0	1	0	689	49	749	11.3
30–39	20	4	15	1	2 466	104	2 578	39.1
40–49	28	1	22	4	2 022	55	2 079	31.5
50–59	22	1	12	0	790	32	822	12.5
60+	12	1	8	0	282	33	315	4.8
Total	83	7	58	5	6 285	288	6 594	100.0

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 December 2005, and for two previous yearly intervals

Exposure category	1 Jan 04 – 31 Dec 04		1 Jan 05 – 31 Dec 05		Cumulative to 31 Dec 05			%
	Male	Female	Male	Female	Male	Female	Total	
Male homosexual/ bisexual contact	103	–	112	–	7 568	–	7 568	80.5
Male homosexual/bisexual contact and injecting drug use	15	–	15	–	460	–	460	4.9
Injecting drug use	9	2	8	4	218	102	320	3.4
<i>Heterosexual</i>	5	2	4	3	137	76	213	
<i>Not further specified</i>	4	0	4	1	81	26	107	
Heterosexual contact	18	17	20	21	438	287	725	7.8
<i>Sex with injecting drug user</i>	0	0	0	3	9	29	38	
<i>Sex with bisexual male</i>	–	2	–	1	–	50	50	
<i>From a high prevalence country</i>	4	12	6	9	83	78	161	
<i>Sex with person from a high prevalence country</i>	6	0	4	2	73	22	95	
<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>	2	1	0	3	39	36	75	
<i>Not further specified</i>	6	2	10	3	232	62	294	
Haemophilia/coagulation disorder	1	0	0	0	121	3	124	1.3
Receipt of blood/tissue	2	0	0	1	81	66	147	1.6
Health care setting	0	0	0	0	1	3	4	0.0
Total Adults/Adolescents	148	19	155	26	8 887	461	9 348	99.5
Children (under 13 years at AIDS diagnosis)								
Mother with/at risk for HIV infection	0	0	0	0	14	17	31	0.3
Haemophilia/coagulation disorder	0	0	0	0	5	0	5	0.0
Receipt of blood/tissue	0	0	0	0	11	3	14	0.2
Total children	0	0	0	0	30	20	50	0.5
Sub-total	148	19	155	26	8 917	481	9 398	100.0
Other/undetermined ¹	9	2	13	0	309	20	361	
Total	157	21	168	26	9 226	501	9 759	

1 The 'Other/undetermined' exposure category includes 32 AIDS cases in people whose sex was reported as transgender. The category was excluded from the calculation of the percentage of cases attributed to each exposure category.

Table 1.5 Deaths following AIDS by sex and exposure category, cumulative to 31 December 2005, and for two previous yearly intervals

Exposure category	1 Jan 04 – 31 Dec 04		1 Jan 05 – 31 Dec 05		Cumulative to 31 Dec 05			%
	Male	Female	Male	Female	Male	Female	Total	
Male homosexual/ bisexual contact	57	–	35	–	5 283	–	5 283	82.9
Male homosexual/bisexual contact and injecting drug use	8	–	6	–	303	–	303	4.8
Injecting drug use	6	0	4	3	133	62	195	3.1
<i>Heterosexual</i>	1	0	2	2	84	50	134	
<i>Not further specified</i>	5	0	2	1	49	12	61	
Heterosexual contact	6	6	7	1	189	139	328	5.1
<i>Sex with injecting drug user</i>	0	1	0	0	5	13	18	
<i>Sex with bisexual male</i>	–	1	–	0	–	32	32	
<i>From a high prevalence country</i>	1	1	0	0	20	20	40	
<i>Sex with person from a high prevalence country</i>	3	1	1	0	25	11	36	
<i>Sex with person with medically acquired HIV</i>	0	0	0	0	2	7	9	
<i>Sex with HIV infected person, exposure not specified</i>	0	0	1	1	26	17	43	
<i>Not further specified</i>	2	2	5	0	111	39	150	
Haemophilia/coagulation disorder	0	0	2	0	97	3	100	1.6
Receipt of blood/tissue	2	1	0	1	71	58	129	2.0
Health care setting	0	0	0	0	1	2	3	0.0
Total Adults/Adolescents	79	7	54	5	6 077	264	6 341	99.5
Children (under 13 years at death following AIDS)								
Mother with/at risk for HIV infection	0	0	0	0	8	10	18	0.3
Haemophilia/coagulation disorder	0	0	0	0	3	0	3	0.0
Receipt of blood/tissue	0	0	0	0	11	2	13	0.2
Total children	0	0	0	0	22	12	34	0.5
Sub-total	79	7	54	5	6 099	276	6 375	100.0
Other/undetermined ¹	4	0	4	0	186	12	219	
Total	83	7	58	5	6 285	288	6 594	

1 The 'Other/undetermined' exposure category includes 21 deaths following AIDS in people whose sex was reported as transgender. The category was excluded from the calculation of the percentage of cases attributed to each exposure category.

The National HIV Database

Table 2.1 Number of new diagnoses of HIV infection by sex¹ and State/Territory, cumulative to 31 December 2005, and for two previous year intervals

State/Territory	1 Jan 04 – 31 Dec 04		1 Jan 05 – 31 Dec 05		Cumulative to 31 Dec 05			
	Male	Female	Male	Female	Male	Female	Total	Rate ²
ACT	6	1	7	0	255	30	285	87.6
NSW ³	346	60	370	31	13 095	817	14 171	209.2
NT	5	3	2	0	125	18	143	70.5
QLD	134	22	155	12	2 591	244	2 844	71.7
SA	47	7	48	4	884	91	976	63.3
TAS	4	1	5	0	95	8	103	21.2
VIC ⁴	191	23	227	30	4 993	340	5 375	107.0
WA	42	7	48	15	1 157	182	1 346	67.0
Total⁵	775	124	862	92	23 195	1 730	25 243⁶	124.2

- 1 Sixty five people (28 NSW, 9 QLD, 1 SA, 20 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 231 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 253 people whose sex was not reported.
- 6 Estimated number of new diagnoses of HIV infection, adjusted for multiple reports, was 22 360 (range 21 845 to 22 875). Reference: Law MG, McDonald AM and Kaldor JM. Estimation of cumulative HIV incidence in Australia, based on national case reporting. *Aust NZ J Public Health* 1996; 20: 215 - 217

Table 2.2 Number of new diagnoses of HIV infection for which exposure category was reported, by sex and exposure category, cumulative to 31 December 2005, and for two previous yearly intervals

Exposure category	1 Jan 04 – 31 Dec 04		1 Jan 05 – 31 Dec 05		Cumulative to 31 Dec 05			%
	Male	Female	Male	Female	Male	Female	Total ¹	
Male homosexual/ bisexual contact	565	–	619	–	16 444	–	16 444	76.8
Male homosexual/bisexual contact and injecting drug use	33	–	37	–	932	–	932	4.4
Injecting drug use	25	11	25	4	673	212	891	4.2
<i>Heterosexual</i>	15	7	12	3	283	156	439	
<i>Not further specified</i>	10	4	13	1	390	56	452	
Heterosexual contact	94	103	87	80	1 338	1 194	2 538	11.8
<i>Sex with injecting drug user</i>	1	5	3	7	35	107	142	
<i>Sex with bisexual male</i>	–	8	–	7	–	148	148	
<i>From a high prevalence country</i>	27	55	23	35	302	378	683	
<i>Sex with person from a high prevalence country</i>	31	11	31	6	282	128	410	
<i>Sex with person with medically acquired HIV</i>	0	0	1	0	5	18	23	
<i>Sex with HIV infected person, exposure not specified</i>	9	7	2	11	81	172	254	
<i>Not further specified</i>	26	17	27	14	633	243	878	
Haemophilia/coagulation disorder	0	0	0	0	218	4	222	1.0
Receipt of blood/tissue	1	0	0	1	109	102	211	1.0
Health care setting ²	1	0	0	0	3	9	12	0.0
Total Adults/Adolescents¹	719	114	768	85	19 717	1 521	21 250	99.2
Children (under 13 years at HIV diagnosis)								
Mother with/at risk for HIV infection ³	0	1	2	3	42	38	80	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
Total children	0	1	2	3	120	47	167	0.8
Sub-total	719	115	770	88	19 837	1 568	21 417	100.0
Other/undetermined ⁴	56	9	92	4	3 358	162	3 826	
Total¹	775	124	862	92	23 195	1 730	25 243⁵	

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 362 children were notified as having been born to women with HIV infection, cumulative to 31 December 2005.

4 The 'Other/undetermined' exposure category includes 3 805 adults/adolescents and 21 children. Sixty five people whose sex was reported as transgender were included in the 'Other/undetermined' category. The 'Other/undetermined' category was excluded from the calculation of the percentage of cases attributed to each exposure category.

5 See footnote Table 2.1

Table 2.3 Number of new diagnoses of HIV infection by sex and age group, cumulative to 31 December 2005, and for two previous yearly intervals

Age group (years)	1 Jan 04 – 31 Dec 04		1 Jan 05 – 31 Dec 05		Cumulative to 31 Dec 05			%
	Male	Female	Male	Female	Male	Female	Total ¹	
0–2	0	1	0	1	44	24	69	0.3
3–12	0	0	2	2	92	26	118	0.5
0–12	0	1	2	3	136	50	187	0.8
13–19	8	6	9	3	455	103	566	2.2
20–29	160	51	179	25	7 458	683	8 262	32.7
30–39	308	30	314	41	8 696	515	9 318	36.9
40–49	189	20	215	15	4 241	197	4 483	17.7
50–59	81	12	101	4	1 548	76	1 636	6.5
60+	29	4	41	1	519	74	596	2.4
Not reported	0	0	1	0	142	32	195	0.8
Total¹	775	124	862	92	23 195	1 730	25 243	100.0

1 See footnotes Table 2.1

Table 2.4 Number of new diagnoses of HIV infection in the year 1 January 2005 to 31 December 2005 for which an HIV seroconversion illness was diagnosed or the date of a prior negative test was within one year of diagnosis of HIV infection, by sex and State/Territory and for two six month intervals of HIV diagnosis

State/Territory	1 Jan 05 – 30 Jun 05		1 Jul 05 – 31 Dec 05		1 Jan 05 – 31 Dec 05		
	Male	Female	Male	Female	Male	Female	Total
ACT	1	0	0	0	1	0	1
NSW	72	1	50	2	122	3	125
NT	1	0	0	0	1	0	1
QLD	27	1	14	0	41	1	42
SA	12	0	3	0	15	0	15
TAS	1	0	0	0	1	0	1
VIC	39	3	36	1	75	4	79
WA	2	0	7	1	9	1	10
Total	155	5	110	4	265	9	274

Table 2.5 Number of new diagnoses of HIV infection in the year 1 January 2005 to 31 December 2005 for which an HIV seroconversion illness was diagnosed or the date of a prior negative test was within one year of diagnosis of HIV infection, by sex and exposure category and for two six month intervals of HIV diagnosis

Exposure category	1 Jan 05 – 30 Jun 05		1 Jul 05 – 31 Dec 05		1 Jan 05 – 31 Dec 05		
	Male	Female	Male	Female	Male	Female	Total
Male homosexual/bisexual contact	133	–	93	–	226	–	226
Male homosexual/bisexual contact and injecting drug use	10	–	4	–	14	–	14
Injecting drug use (female and heterosexual male)	2	1	0	0	2	1	3
Heterosexual contact	4	4	5	4	9	8	17
Health care setting	0	0	0	0	0	0	0
Other/undetermined	6	0	8	0	14	0	14
Total	155	5	110	4	265	9	274

Table 2.6 Number of new diagnoses of HIV infection in the year 1 January 2005 to 31 December 2005 for which an HIV seroconversion illness was diagnosed or the date of a prior negative test was within one year of diagnosis of HIV infection, by sex and age group and for two six month intervals of HIV diagnosis

Age Group (years)	1 Jan 05 – 30 Jun 05		1 Jul 05 – 31 Dec 05		1 Jan 05 – 31 Dec 05		
	Male	Female	Male	Female	Male	Female	Total
13–19	5	1	0	0	5	1	6
20–29	36	2	36	3	72	5	77
30–39	73	2	34	1	107	3	110
40–49	26	0	24	0	50	0	50
50–59	9	0	13	0	22	0	22
60+	6	0	3	0	9	0	9
Total	155	5	110	4	265	9	274

Sentinel surveillance of HIV infection in sexual health clinics

Table 3.1 Number of people seen¹, 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 October to 31 December 2005

Sexual health clinic	Seen at Clinic		Tested for HIV antibody		Newly diagnosed with HIV infection		
	Male	Female	Male	Female	Male	Female	Total
Sydney Sexual Health Centre, NSW	1 426	756	647	266	4	2	6
Livingstone Road Sexual Health Centre, Marrickville, NSW	405	239	154	61	0	0	0
Brisbane Sexual Health Clinic, QLD	1 015	812	310	139	1	0	1
Gold Coast Sexual Health Clinic, QLD	594	551	171	171	1	0	1
Melbourne Sexual Health Centre, VIC	1 590	1 362	781	566	5	1	6
Total	5 030	3 720	2 063	1 203	11	3	14

¹ Data for Clinic 275, Adelaide, SA, was not available for this quarter.

Table 3.2 Number of people seen who had a *previous negative HIV antibody test*, percent retested for HIV antibody and number (percent) newly diagnosed with HIV infection, by sex and exposure category, during the quarter 1 October to 31 December 2005

Exposure category	Previous negative HIV antibody test		% retested for HIV antibody		Newly diagnosed with HIV infection			
	Male	Female	Male	Female	Male	Female	Total	%
Male homosexual/bisexual contact	1 240	–	63.0	–	8	–	8	1.0
Male homosexual/bisexual contact and injecting drug use	74	–	54.1	–	0	–	0	0.0
Injecting drug use (female and heterosexual male)	96	64	51.0	37.5	0	0	0	0.0
Heterosexual contact	1 428	1 209	35.6	28.6	0	1	1	0.1
<i>outside Australia</i>	339	235	51.6	40.9	0	0	0	0.0
<i>within Australia only</i>	1 089	974	30.7	25.7	0	1	1	0.2
Sex worker	–	723	–	51.7	–	0	0	0.0
Sex worker and injecting drug use	–	50	–	48.0	–	0	0	0.0
Other/undetermined	19	54	15.8	31.5	0	0	0	0.0
Total	2 857	2 100	48.4	37.4	8	1	9	0.4

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 October to 31 December 2005

Exposure category	No previous HIV antibody test		% tested for HIV antibody		Newly diagnosed with HIV infection			%
	Male	Female	Male	Female	Male	Female	Total	
Male homosexual/bisexual contact	410	–	50.2	–	3	–	3	1.5
Male homosexual/bisexual contact and injecting drug use	14	–	42.9	–	0	–	0	0.0
Injecting drug use (female and heterosexual male)	43	25	46.5	48.0	0	0	0	0.0
Heterosexual contact	1 241	1 278	35.1	27.5	0	1	1	0.1
<i>outside Australia</i>	310	265	48.1	31.7	0	0	0	0.0
<i>within Australia only</i>	931	1 013	35.1	26.5	0	1	1	0.2
Sex worker	–	112	–	37.5	–	1	1	2.4
Sex worker and injecting drug use	–	6	–	50.0	–	0	0	0.0
Other/undetermined	176	172	7.4	5.2	0	0	0	0.0
Total	1 884	1 593	36.1	26.2	3	2	5	0.5

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 October to 31 December 2005

Age group (years)	Seen at Clinic		Tested for HIV antibody		Newly diagnosed with HIV infection		
	Male	Female	Male	Female	Male	Female	Total
13–19	178	365	73	69	0	0	0
20–29	2 064	1 882	911	601	2	0	2
30–39	1 531	945	612	326	6	2	8
40–49	742	397	290	159	3	1	4
50–59	355	105	119	42	0	0	0
60+	160	26	58	6	0	0	0
Total	5 030	3 720	2 063	1 203	11	3	14

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NOTES

The National AIDS Registry is maintained by NCHECR on behalf of the National HIV Surveillance Committee, which consists of representatives from NCHECR, and the Health Departments of each State and Territory and the Commonwealth of Australia. The Registry is based on reports from doctors who diagnose AIDS, made to the Health Department in the State/Territory of diagnosis. Date of birth and a name code (first two letters of first and last name) are used to minimise duplicate registration, while maintaining confidentiality.

The National HIV Database is maintained by NCHECR on behalf of the National HIV Surveillance Committee. It is based on reports of new diagnoses of HIV infection from HIV Reference Laboratories (ACT, NSW, TAS, VIC), or from a combination of Reference Laboratory and diagnosing doctors (NT, QLD, SA, WA). In order to avoid counting the same case more than once, only diagnoses which are determined to be new by the diagnosing laboratory or doctor are reported for the purposes of national surveillance.

Sentinel surveillance is carried out by six sexual health clinics in five Australian cities, which send quarterly reports on HIV antibody testing to NCHECR. Tabulations from the National AIDS Registry, the National HIV Database and Sentinel HIV Surveillance in sexual health clinics are based on data available three months after the end of the reporting interval indicated, to allow for reporting delay and to incorporate newly available information.

Abbreviations: HIV is the human immunodeficiency virus, and unless otherwise specified, refers to HIV-1 only. AIDS is the acquired immunodeficiency syndrome and STI stands for sexually transmissible infection. High prevalence countries are those of sub-Saharan Africa, the Caribbean and specific countries in South East Asia (Cambodia, Myanmar and Thailand), where HIV prevalence is above 1% and transmission is believed to be predominantly heterosexual. The Australian States and Territories are: Australian Capital Territory (ACT), New South Wales (NSW), Northern Territory (NT), Queensland (QLD), South Australia (SA), Tasmania (TAS), Victoria (VIC) and Western Australia (WA). NCHECR is the National Centre in HIV Epidemiology and Clinical Research.

All data in this report are provisional and subject to future revision.

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

NSW Public Health Bulletin	www.health.nsw.gov.au/public-health/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/

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