

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 2006, and for two previous intervals

Cases

State/Territory	1 Jan 05 - 31 Dec 05		1 Jan 06 - 31 Dec 06		Cumulative to 31 Dec 06			%
	Male	Female	Male	Female	Male	Female	Total†	
ACT	1	0	0	0	93	10	103	1.0
NSW	95	13	79	7	5 414	253	5 684	56.7
NT	0	1	2	0	43	4	47	0.5
QLD	32	4	14	3	1 030	71	1 103	11.0
SA	9	0	14	1	411	32	444	4.4
TAS	2	0	2	0	52	4	56	0.6
VIC	51	8	56	7	1 998	112	2 122	21.2
WA	7	1	6	4	426	41	469	4.7
Total	197	27	173	22	9 467	527	10 028	100.0

Deaths

State/Territory	1 Jan 05 - 31 Dec 05		1 Jan 06 - 31 Dec 06		Cumulative to 31 Dec 06			%
	Male	Female	Male	Female	Male	Female	Total†	
ACT	2	1	1	0	74	7	81	1.2
NSW	30	4	27	1	3 582	136	3 729	55.8
NT	0	0	1	0	27	1	28	0.4
QLD	13	0	10	1	663	42	707	10.6
SA	2	0	5	0	279	20	299	4.5
TAS	0	0	1	0	33	2	35	0.5
VIC	13	0	23	2	1 414	61	1 484	22.2
WA	4	0	3	2	295	26	322	4.8
Total	64	5	71	6	6 367	295	6 685	100.0

† Totals include 34 AIDS cases and 23 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 05 - 31 Dec 05			1 Jan 06 - 31 Dec 06		
	Male	Female	Total	Male	Female	Total
ACT	6.2	0.0	3.1	0.0	0.0	0.0
NSW	28.2	3.8	15.9	23.3	2.0	12.6
NT	0.0	10.4	4.9	18.3	0.0	9.7
QLD	16.1	2.0	9.1	6.9	1.5	4.2
SA	11.8	0.0	5.8	18.2	1.3	9.6
TAS	8.4	0.0	4.1	8.3	0.0	4.1
VIC	20.6	3.1	11.7	22.3	2.7	12.4
WA	6.9	1.0	4.0	5.8	3.9	4.9
Total	19.5	2.6	11.0	16.9	2.1	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 2006, and for two previous yearly intervals

Cases¹

Age group (years)	1 Jan 05 - 31 Dec 05		1 Jan 06 - 31 Dec 06		Cumulative to 31 Dec 06			%
	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	12	33	0.3
0 – 12	0	0	0	0	30	21	51	0.5
13 – 19	1	0	0	0	28	5	33	0.3
20 – 29	15	3	10	3	1 438	123	1 576	15.7
30 – 39	59	12	52	11	3 873	196	4 080	40.7
40 – 49	76	9	70	5	2 740	98	2 842	28.3
50 – 59	31	3	26	1	1 005	45	1 054	10.5
60+	15	0	15	2	353	39	392	3.9
Total	197	27	173	22	9 467	527	10 028	100.0

Deaths²

Age group (years)	1 Jan 05 – 31 Dec 05		1 Jan 06 – 31 Dec 06		Cumulative to 31 Dec 06			%
	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	1
13 – 19	1	0	0	0	15	3	18	0
20 – 29	1	0	2	1	691	50	752	11
30 – 39	17	1	7	0	2 477	104	2 590	39
40 – 49	23	4	31	2	2 057	58	2 117	32
50 – 59	14	0	16	0	808	32	841	13
60+	8	0	15	3	297	36	333	5
Total	64	5	71	6	6 367	295	6 685	100

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 2006, and for two previous yearly intervals

Exposure category	1 Jan 05 – 31 Dec 05		1 Jan 06 – 31 Dec 06		Cumulative to 31 Dec 06			%
	Male	Female	Male	Female	Male	Female	Total	
Male homosexual/ bisexual contact	129	–	106	–	7 711	–	7 731	79.9
Male homosexual/ bisexual contact and injecting drug use	19	–	11	–	479	–	489	5.1
Injecting drug use	10	5	8	1	231	103	336	3.5
<i>Heterosexual</i>	5	3	1	1	141	77	218	
<i>Not further specified</i>	5	2	7	0	90	26	118	
Heterosexual contact	22	21	38	15	482	303	785	8.1
<i>Sex with injecting drug user</i>	0	3	0	1	9	30	39	
<i>Sex with bisexual male</i>	–	1	–	0	–	50	50	
<i>From a high prevalence country</i>	6	9	9	9	93	88	181	
<i>Sex with person from a high prevalence country</i>	5	2	5	2	79	24	103	
<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>	0	3	3	1	36	33	69	
<i>Not further specified</i>	11	3	21	2	263	68	331	
Haemophilia/coagulation disorder	0	0	0	0	121	3	124	1.3
Receipt of blood/tissue	1	1	1	1	83	67	150	1.6
Health care setting	0	0	0	0	1	3	4	0.0
Total Adults/ Adolescents	181	27	164	17	9 108	479	9 619	99.5
Children (under 13 years at AIDS diagnosis)								
Mother with/at risk for HIV infection	1	0	0	0	15	18	33	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	0.1
Total children	1	0	0	0	31	21	52	0.5
Sub-total	182	27	164	17	9 139	500	9 671	100.0
Other/undetermined ¹	15	0	9	5	328	27	357	
Total	197	27	173	22	9 467	527	10 028	

1 The 'Other/undetermined' exposure category includes 34 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 2006, and for two previous yearly intervals

Exposure category	1 Jan 05 – 31 Dec 05		1 Jan 06 – 31 Dec 06		Cumulative to 31 Dec 06			%
	Male	Female	Male	Female	Male	Female	Total	
Male homosexual/ bisexual contact	37	–	49	–	5 337	–	5 350	82.5
Male homosexual/ bisexual contact and injecting drug use	7	–	4	–	309	–	317	4.9
Injecting drug use	5	3	1	0	137	62	200	3.1
<i>Heterosexual</i>	2	2	1	0	86	50	136	
<i>Not further specified</i>	3	1	0	0	51	12	64	
Heterosexual contact	8	1	12	4	202	144	346	5.3
<i>Sex with injecting drug user</i>	0	0	0	1	5	14	19	
<i>Sex with bisexual male</i>	–	0	–	2	–	35	35	
<i>From a high prevalence country</i>	0	0	0	0	20	20	40	
<i>Sex with person from a high prevalence country</i>	1	0	0	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>	1	1	1	0	21	15	36	
<i>Not further specified</i>	6	0	11	1	129	42	171	
Haemophilia/ coagulation disorder	2	0	1	0	98	3	101	1.6
Receipt of blood/tissue	0	1	2	1	73	59	132	2.0
Health care setting	0	0	0	0	1	2	3	0.0
Total Adults/ Adolescents	59	5	69	5	6 157	270	6 449	99.5
Children (under 13 years at AIDS diagnosis)								
Mother with/at risk for HIV infection	1	0	0	0	9	10	19	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	1	0	0	0	23	12	35	0.5
Sub-total	60	5	69	5	6 180	282	6 484	100.0
Other/undetermined ¹	4	0	2	1	187	13	201	
Total	64	5	71	6	6 367	295	6 685	

1 The 'Other/undetermined' exposure category includes 22 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 2006, and for two previous yearly intervals

State/Territory	1 Jan 05 – 31 Dec 05		1 Jan 06 – 31 Dec 06		Cumulative to 31 Dec 06			Rate ²
	Male	Female	Male	Female	Male	Female	Total	
ACT	7	0	3	2	259	32	291	87.1
NSW ³	376	31	338	56	13 450	875	14 584	213.9
NT	3	0	4	5	130	23	153	72.6
QLD	155	12	139	24	2 726	268	3 003	73.4
SA	47	4	52	9	934	100	1 035	66.0
TAS	6	0	6	0	108	10	118	24.1
VIC ⁴	227	30	257	27	5 251	367	5 662	110.4
WA	48	15	53	20	1 212	203	1 422	69.1
Total⁵	869	92	852	143	24 070	1 878	26 268⁶	126.9

- 1 Sixty eight people (29 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 230 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 252 people whose sex was not reported.
- 6 Estimated number of new diagnoses of HIV infection, adjusted for multiple reports, was 23 065 (range 22 540 to 23 595). 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 2006, and for two previous yearly intervals

Exposure category	1 Jan 05 – 31 Dec 05		1 Jan 06 – 31 Dec 06		Cumulative to 31 Dec 06			%
	Male	Female	Male	Female	Male	Female	Total ¹	
Male homosexual/ bisexual contact	633	–	623	–	17 105	–	17 105	76.4
Male homosexual/bisexual contact and injecting drug use	39	–	36	–	979	–	979	4.4
Injecting drug use	26	4	18	8	692	220	918	4.1
<i>Heterosexual</i>	12	3	12	7	296	163	459	
<i>Not further specified</i>	14	1	6	1	396	57	459	
Heterosexual contact	88	80	107	120	1 444	1 320	2 769	12.4
<i>Sex with injecting drug user</i>	4	7	0	7	36	113	149	
<i>Sex with bisexual male</i>	–	7	–	5	–	154	154	
<i>From a high prevalence country</i>	24	35	31	64	331	444	778	
<i>Sex with person from a high prevalence country</i>	31	6	27	13	311	144	455	
<i>Sex with person with medically acquired HIV</i>	1	0	1	2	6	20	26	
<i>Sex with HIV infected person, exposure not specified</i>	2	11	7	6	88	176	268	
<i>Not further specified</i>	26	14	41	23	672	266	939	
Haemophilia/ coagulation disorder	0	0	0	0	218	4	222	1.0
Receipt of blood/tissue	0	1	0	0	109	102	211	0.9
Health care setting ²	0	0	0	0	3	9	12	0.0
Total Adults/ Adolescents¹	786	85	784	128	20 550	1 655	22 216	99.2
Children (under 13 years at HIV diagnosis)								
Mother with/at risk for HIV infection ³	2	3	3	3	45	40	85	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	2	3	3	3	123	49	172	0.8
Sub-total	788	88	787	131	20 673	1 704	22 388	100.0
Other/undetermined ⁴	81	4	65	12	3 397	174	3 880	
Total¹	869	92	852	143	24 070	1 878	26 268⁵	

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 387 children were notified as having been born to women with HIV infection, cumulative to 31 December 2006.

4 The 'Other/undetermined' exposure category includes 3 857 adults/adolescents and 23 children. Sixty 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.

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 2006, and for two previous yearly intervals

Age group (years)	1 Jan 05 – 31 Dec 05		1 Jan 06 – 31 Dec 06		Cumulative to 31 Dec 06			%
	Male	Female	Male	Female	Male	Female	Total ¹	
0 – 2	0	1	1	3	44	27	73	0.3
3 – 12	2	2	2	1	94	27	121	0.5
0 – 12	2	3	3	4	139	54	194	0.8
13 – 19	9	3	9	7	464	110	582	2.2
20 – 29	181	25	166	52	7 626	739	8 488	32.3
30 – 39	320	41	293	45	9 002	559	9 667	36.8
40 – 49	216	15	242	24	4 490	223	4 758	18.1
50 – 59	99	4	101	9	1 650	85	1 747	6.7
60+	41	1	38	2	558	76	638	2.4
Not reported	1	0	0	0	141	32	194	0.7
Total¹	869	92	852	143	24 070	1 878	26 268	100.0

1 See footnotes Table 2.1

Table 2.4 Number of new diagnoses of HIV infection in the year 1 January 2006 to 31 December 2006 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 06 – 30 Jun 06		1 Jul 06 – 31 Dec 06		1 Jan 06 – 31 Dec 06		
	Male	Female	Male	Female	Male	Female	Total
ACT	2	0	0	0	2	0	2
NSW	46	1	58	6	104	7	112
NT	0	0	1	0	1	0	1
QLD	16	0	23	1	39	1	40
SA	9	0	7	0	16	0	16
TAS	0	0	0	0	0	0	0
VIC	40	2	36	4	76	6	82
WA	4	1	9	1	13	2	15
Total	117	5	134	12	251	16	268

Table 2.5 Number of new diagnoses of HIV infection in the year 1 January 2006 to 31 December 2006 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 06 – 30 Jun 06		1 Jul 06 – 31 Dec 06		1 Jan 06 – 31 Dec 06		
	Male	Female	Male	Female	Male	Female	Total
Male homosexual/bisexual contact	103	–	118	–	221	–	221
Male homosexual/bisexual contact and injecting drug use	5	–	7	–	12	–	12
Injecting drug use (female and heterosexual male)	0	0	0	2	0	2	2
Heterosexual contact	5	4	8	9	13	13	26
Health care setting	0	0	0	0	0	0	0
Other/undetermined	4	0	1	1	5	1	6
Total	117	4	134	12	251	16	268

Table 2.6 Number of new diagnoses of HIV infection in the year 1 January 2006 to 31 December 2006 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 06 – 30 Jun 06		1 Jul 06 – 31 Dec 06		1 Jan 06 – 31 Dec 06		
	Male	Female	Male	Female	Male	Female	Total
13 – 19	3	0	1	1	4	1	5
20 – 29	27	0	26	4	53	4	58
30 – 39	47	1	52	3	99	4	103
40 – 49	27	3	36	2	63	5	68
50 – 59	9	0	14	2	23	2	25
60+	4	0	5	0	9	0	9
Total	117	4	134	12	251	16	268

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 October to 31 December 2006

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	1 351	779	606	326	5	0	5
Sydney South West Sexual Health Centre, NSW	394	231	162	67	1	1	2
Brisbane Sexual Health Clinic, QLD	954	822	314	146	1	0	1
Gold Coast Sexual Health Clinic, QLD	578	432	149	117	3	0	3
Clinic 275, Adelaide, SA	1 217	690	921	476	3	0	3
Melbourne Sexual Health Centre, VIC	1 460	1 158	802	519	10	1	11
Total	5 954	4 112	2 954	1 651	23	2	25

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 2006

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	1 544	–	67.0	–	16	–	16	1.5
Male homosexual/ bisexual contact and injecting drug use	89	–	69.7	–	3	–	3	4.8
Injecting drug use (female and heterosexual male)	113	98	45.1	49.0	0	0	0	0.0
Heterosexual contact	1 761	1 564	45.1	38.6	1	1	2	0.1
<i>outside Australia</i>	406	280	55.9	50.0	1	0	1	0.3
<i>within Australia only</i>	1 355	1 284	41.9	36.1	0	1	1	0.1
Sex worker	–	673	–	53.9	–	0	0	0.0
Sex worker and injecting drug use	–	51	–	39.2	–	0	0	0.0
Other/undetermined	46	99	41.3	35.4	0	0	0	0.0
Total	3 553	2 485	55.2	43.1	20	1	21	0.7

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 2006

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	437	–	58.6	–	1	–	1	0.4
Male homosexual/bisexual contact and injecting drug use	22	–	68.2	–	0	–	0	0.0
Injecting drug use (female and heterosexual male)	33	23	60.6	43.5	1	0	1	3.0
Heterosexual contact	1 348	1 275	49.7	38.9	1	1	2	0.2
<i>outside Australia</i>	354	254	56.5	53.5	1	1	2	0.6
<i>within Australia only</i>	994	1 021	47.3	35.3	0	0	0	0.0
Sex worker	–	76	–	67.1	–	0	0	0.0
Sex worker and injecting drug use	–	7	–	42.8	–	0	0	0.0
Other/undetermined	262	212	12.2	9.9	0	0	0	0.0
Total	2 102	1 593	47.2	36.5	3	1	4	0.3

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 2006

Age group (years)	Seen at Clinic		Tested for HIV antibody		Newly diagnosed with HIV infection		
	Male	Female	Male	Female	Male	Female	Total
13 – 19	187	422	91	121	0	0	0
20 – 29	2 475	2 125	1 287	858	7	0	7
30 – 39	1 697	1 028	846	441	6	1	7
40 – 49	952	410	452	182	6	1	7
50 – 59	465	104	197	45	3	0	3
60+	178	23	81	4	1	0	1
Total	5 954	4 112	2 954	1 651	23	2	25