

OFFICE OF AIDS

HIV

Surveillance Project

**Southern Nevada Health District
Las Vegas, Nevada**

Surveillance Update

APRIL 2006



Acquired Immunodeficiency Syndrome (AIDS)
 Cumulative HIV Infections in Clark Co., NV through 4/30/06
 Surveillance Report - 05/01/2006

1. Disease Category	Adult/Adolescent *		Pediatric *		Total	
	Cases (%)	Deaths (%)	Cases (%)	Deaths (%)	Cases (%)	Deaths (%)
PCP	0 (0)	0 (.)	0 (0)	0 (.)	0 (0)	0 (.)
Other Disease w/o PCP	0 (0)	0 (.)	0 (0)	0 (.)	0 (0)	0 (.)
KS Alone	0 (0)	0 (.)	0 (0)	0 (.)	0 (0)	0 (.)
No Diseases Listed	3086 (100)	224 (7)	21 (100)	1 (5)	3107 (100)	225 (7)
Total	3086 (100)	224 (7)	21 (100)	1 (5)	3107 (100)	225 (7)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	20 (1)	Hispanic - All Races	471 (15)	4 (19)	475 (15)
5-12	1 (0)	Not Hispanic - Am. Indian/Alaska Native	17 (1)	0 (0)	17 (1)
13-19	57 (2)	Asian	13 (0)	0 (0)	13 (0)
20-29	982 (32)	Black or African American	781 (25)	10 (48)	791 (25)
30-39	1226 (39)	Native Hawaiian/Pacific Is.	6 (0)	0 (0)	6 (0)
40-49	597 (19)	White	1740 (56)	7 (33)	1747 (56)
Over 49	224 (7)	Legacy Asian/Pacific Is.	39 (1)	0 (0)	39 (1)
Unknown	0 (0)	Multi-race	5 (0)	0 (0)	5 (0)
		Unknown	14 (0)	0 (0)	14 (0)
Total	3107 (100)	Total	3086 (100)	21 (100)	3107 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	1603 (63)	0 (0)	1603 (52)
Injecting drug use	206 (8)	119 (21)	325 (11)
Men who have sex with men and inject drugs	170 (7)	0 (0)	170 (6)
Hemophilia/coagulation disorder	5 (0)	0 (0)	5 (0)
Heterosexual contact	57 (2)	240 (43)	297 (10)
Receipt of blood, components, or tissue	3 (0)	5 (1)	8 (0)
Risk not reported/Other	486 (19)	192 (35)	678 (22)
Total	2530 (100)	556 (100)	3086 (100)

	Pediatric Transmission Modes		
	Males (%)	Females (%)	Total (%)
Hemophilia/coagulation disorder	0 (0)	0 (0)	0 (0)
Mother with/at risk for HIV infection	12 (100)	9 (100)	21 (100)
Receipt of blood, components, or tissue	0 (0)	0 (0)	0 (0)
Risk not reported/Other	0 (0)	0 (0)	0 (0)
Total	12 (100)	9 (100)	21 (100)

* Classification at time of AIDS dx if patient met the AIDS case definition (otherwise age at first HIV report).

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1. Disease Category	Adult/Adolescent *		Pediatric *		Total	
	Cases (%)	Deaths (%)	Cases (%)	Deaths (%)	Cases (%)	Deaths (%)
PCP	1072 (24)	774 (72)	7 (28)	4 (57)	1079 (24)	778 (72)
Other Disease w/o PCP	1080 (25)	688 (64)	18 (72)	10 (56)	1098 (25)	698 (64)
KS Alone	88 (2)	52 (59)	0 (0)	0 (.)	88 (2)	52 (59)
No Diseases Listed	2153 (49)	497 (23)	0 (0)	0 (.)	2153 (49)	497 (23)
Total	4393 (100)	2011 (46)	25 (100)	14 (56)	4418 (100)	2025 (46)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	21 (0)	Hispanic - All Races	678 (15)	4 (16)	682 (15)
5-12	4 (0)	Not Hispanic - Am. Indian/Alaska Native	28 (1)	0 (0)	28 (1)
13-19	18 (0)	Asian	18 (0)	0 (0)	18 (0)
20-29	680 (15)	Black or African American	1075 (24)	11 (44)	1086 (25)
30-39	1863 (42)	Native Hawaiian/Pacific Is.	4 (0)	0 (0)	4 (0)
40-49	1254 (28)	White	2535 (58)	10 (40)	2545 (58)
Over 49	578 (13)	Legacy Asian/Pacific Is.	51 (1)	0 (0)	51 (1)
Unknown	0 (0)	Multi-race	4 (0)	0 (0)	4 (0)
Total	4418 (100)	Unknown	0 (0)	0 (0)	0 (0)
		Total	4393 (100)	25 (100)	4418 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes**		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	2724 (72)	0 (0)	2724 (62)
Injecting drug use	490 (13)	211 (34)	701 (16)
Men who have sex with men and inject drugs	335 (9)	0 (0)	335 (8)
Hemophilia/coagulation disorder	4 (0)	0 (0)	4 (0)
Heterosexual contact	75 (2)	331 (53)	406 (9)
Receipt of blood, components, or tissue	13 (0)	12 (2)	25 (1)
Risk not reported/Other	128 (3)	68 (11)	196 (4)
Total	3769 (100)	622 (100)	4391 (100)

	Pediatric Transmission Modes		
	Males (%)	Females (%)	Total (%)
Hemophilia/coagulation disorder	0 (0)	0 (0)	0 (0)
Mother with/at risk for HIV infection	11 (100)	14 (88)	25 (93)
Receipt of blood, components, or tissue	0 (0)	2 (13)	2 (7)
Risk not reported/Other	0 (0)	0 (0)	0 (0)
Total	11 (100)	16 (100)	27 (100)

* Classification at time of AIDS dx if patient met the AIDS case definition (otherwise age at first HIV report).

**2 patients were diagnosed with AIDS as adults but have evidence of being HIV infected as children. They are counted as adults/adolescent cases in tables 1, 2, and 3; and as pediatric cases in table 4.

Acquired Immunodeficiency Syndrome (AIDS)
 Cumulative AIDS Cases in Clark Co., NV through 4/30/06
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5. Reported Cases of AIDS and Case-Fatality Rates by Half-Year of Diagnosis.

Half-Year of Diagnosis -----	Number of Cases -----	Number of Deaths -----	Case-Fatality Rate -----
Before 1990	337	305	91%
1990 Jan -June	79	71	90%
July-Dec	86	73	85%
1991 Jan -June	105	88	84%
July-Dec	128	106	83%
1992 Jan -June	122	101	83%
July-Dec	173	135	78%
1993 Jan -June	172	131	76%
July-Dec	146	107	73%
1994 Jan -June	169	113	67%
July-Dec	142	87	61%
1995 Jan -June	162	89	55%
July-Dec	200	91	46%
1996 Jan -June	160	60	38%
July-Dec	157	48	31%
1997 Jan -June	157	56	36%
July-Dec	118	37	31%
1998 Jan -June	107	31	29%
July-Dec	103	31	30%
1999 Jan -June	100	24	24%
July-Dec	108	23	21%
2000 Jan -June	117	27	23%
July-Dec	102	22	22%
2001 Jan -June	87	18	21%
July-Dec	102	21	21%
2002 Jan -June	124	27	22%
July-Dec	118	24	20%
2003 Jan -June	123	17	14%
July-Dec	105	15	14%
2004 Jan -June	127	13	10%
July-Dec	126	15	12%
2005 Jan -June	114	8	7%
July-Dec	95	9	9%

2006 Jan -May 1

47

2

48

Totals

4418

2025

468

Cumulative AIDS Cases in Clark Co., NV through 4/30/06
By Dates of Diagnosis and Report 05/01/2006

All Reported Cases

Date of Diagnosis

	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Unk	Total
1982					1	0	0	0	0	0	0	0	0	1
1983	0	0	2	0	0	0	0	1	0	0	1	0	0	4
1984	0	0	0	2	1	1	0	0	1	0	0	1	0	6
1985	1	0	0	1	0	3	1	2	1	2	2	0	0	13
1986	2	3	3	1	2	5	3	4	0	4	4	4	0	35
1987	4	9	6	1	4	6	3	6	3	10	7	9	0	68
1988	7	5	13	6	6	8	9	9	5	5	7	9	0	89
1989	7	9	10	14	4	11	11	14	8	6	12	15	0	121
1990	5	9	19	11	16	19	12	16	20	15	12	11	0	165
1991	19	19	14	15	21	17	16	23	29	17	19	24	0	233
1992	18	16	21	25	22	19	24	35	29	32	22	31	1	295
1993	28	28	37	32	25	22	28	22	30	15	24	27	0	318
1994	26	27	41	24	28	22	30	28	17	26	16	25	1	311
1995	21	21	35	24	34	26	21	44	26	46	34	29	1	362
1996	28	35	24	31	16	25	24	32	24	23	21	33	1	317
1997	34	27	24	26	27	18	16	24	19	20	23	16	1	275
1998	16	20	27	14	12	17	9	19	20	17	23	15	1	210
1999	15	22	21	10	13	16	22	21	17	16	11	21	3	208
2000	17	17	25	16	22	20	17	14	15	14	19	23	0	219
2001	15	17	14	13	17	11	10	18	12	23	16	23	0	189
2002	25	22	18	24	12	23	21	25	15	19	18	20	0	242
2003	19	22	18	21	19	23	20	19	11	13	17	25	1	228
2004	21	23	26	19	20	18	36	17	12	17	18	26	0	253
2005	26	15	16	22	16	19	19	15	13	14	18	16	0	209
2006	19	11	9	8	0								0	47

Date of Report

	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Total
1983			2	0	1	0	0	0	1	0	0	1	5
1984	0	0	0	0	2	0	1	0	0	0	0	1	4
1985	1	0	0	0	1	0	1	3	3	1	3	0	13
1986	2	2	3	1	2	3	2	3	1	2	2	3	26
1987	4	7	2	3	0	2	0	0	6	30	9	10	73
1988	6	4	15	7	4	6	8	11	4	3	7	9	84
1989	5	9	9	15	3	11	8	14	7	7	9	13	110
1990	3	7	15	11	14	14	10	15	15	14	9	10	137
1991	11	16	12	12	15	18	11	18	16	18	21	16	184
1992	10	7	14	18	11	11	10	12	23	17	23	28	184
1993	98	42	39	44	22	26	29	27	10	31	16	16	400
1994	30	29	33	29	23	29	18	31	28	21	26	16	313
1995	23	16	42	25	27	35	14	26	27	42	17	27	321
1996	36	17	41	19	19	29	37	23	27	22	24	30	324
1997	33	22	18	26	29	18	16	34	30	28	27	117	398
1998	14	16	25	19	8	19	12	13	15	15	15	18	189
1999	18	31	12	13	10	8	25	20	17	20	14	11	199
2000	18	11	21	21	38	14	18	18	16	15	9	29	228
2001	12	13	11	17	5	11	9	12	15	28	13	25	171
2002	19	18	19	31	19	21	12	27	19	29	16	9	239
2003	27	15	26	18	42	19	25	18	6	22	12	20	250

HARS Reporting S
Cumulative Deaths in Clark Co.

death	freq
.....: ..	4476
.....: ..	9
1987: 1-12	1
1988: 1-12	3
1989: 1-12	7
1990: 1-12	18
1991: 1-12	36
1992: 1-12	111
1993: 1-12	135
1994: 1-12	171
1995: 1-12	164
1996: 1-12	97
1997: 1-12	77
1998: 1-12	54
1999: 1-12	72
2000: 1-12	48
2001: 1-12	42
2002: 1-12	54
2003: 1-12	54
2004: 1-12	46
2005: 1-12	37
2006: 1-12	10