

OFFICE OF AIDS

HIV

Surveillance Project

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

Surveillance Update

MAY 2008



Acquired Immunodeficiency Syndrome (AIDS)
 Cumulative HIV Infections in Clark Co., NV through 5/31/08
 Surveillance Report - 05/30/2008

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	3454 (100)	442 (13)	24 (100)	2 (8)	3478 (100)	444 (13)
Total	3454 (100)	442 (13)	24 (100)	2 (8)	3478 (100)	444 (13)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	23 (1)	Hispanic - All Races	577 (17)	5 (21)	582 (17)
5-12	1 (0)	Not Hispanic - Am. Indian/Alaska Native	21 (1)	0 (0)	21 (1)
13-19	68 (2)	Asian	26 (1)	0 (0)	26 (1)
20-29	1092 (31)	Black or African American	860 (25)	11 (46)	871 (25)
30-39	1300 (37)	Native Hawaiian/Pacific Is.	14 (0)	0 (0)	14 (0)
40-49	712 (20)	White	1885 (55)	8 (33)	1893 (54)
Over 49	282 (8)	Legacy Asian/Pacific Is.	0 (0)	0 (0)	0 (0)
Unknown	0 (0)	Multi-race	42 (1)	0 (0)	42 (1)
		Unknown	29 (1)	0 (0)	29 (1)
Total	3478 (100)	Total	3454 (100)	24 (100)	3478 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	1857 (65)	0 (0)	1857 (54)
Injecting drug use	224 (8)	119 (20)	343 (10)
Men who have sex with men and inject drugs	183 (6)	0 (0)	183 (5)
Hemophilia/coagulation disorder	5 (0)	0 (0)	5 (0)
Heterosexual contact	97 (3)	318 (52)	415 (12)
Receipt of blood, components, or tissue	0 (0)	1 (0)	1 (0)
Risk not reported/Other	479 (17)	171 (28)	650 (19)
Total	2845 (100)	609 (100)	3454 (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)	11 (92)	23 (96)
Receipt of blood, components, or tissue	0 (0)	0 (0)	0 (0)
Risk not reported/Other	0 (0)	1 (8)	1 (4)
Total	12 (100)	12 (100)	24 (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	1106 (22)	826 (75)	7 (28)	4 (57)	1113 (22)	830 (75)
Other Disease w/o PCP	1142 (23)	764 (67)	18 (72)	10 (56)	1160 (23)	774 (67)
KS Alone	94 (2)	57 (61)	0 (0)	0 (.)	94 (2)	57 (61)
No Diseases Listed	2592 (53)	757 (29)	0 (0)	0 (.)	2592 (52)	757 (29)
Total	4934 (100)	2404 (49)	25 (100)	14 (56)	4959 (100)	2418 (49)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	21 (0)	Hispanic - All Races	800 (16)	4 (16)	804 (16)
5-12	4 (0)	Not Hispanic - Am. Indian/Alaska Native	29 (1)	0 (0)	29 (1)
13-19	22 (0)	Asian	32 (1)	0 (0)	32 (1)
20-29	768 (15)	Black or African American	1219 (25)	11 (44)	1230 (25)
30-39	2027 (41)	Native Hawaiian/Pacific Is.	8 (0)	0 (0)	8 (0)
40-49	1430 (29)	White	2783 (56)	10 (40)	2793 (56)
Over 49	687 (14)	Legacy Asian/Pacific Is.	1 (0)	0 (0)	1 (0)
Unknown	0 (0)	Multi-race	61 (1)	0 (0)	61 (1)
		Unknown	1 (0)	0 (0)	1 (0)
Total	4959 (100)	Total	4934 (100)	25 (100)	4959 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes**		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	3104 (73)	0 (0)	3104 (63)
Injecting drug use	520 (12)	225 (33)	745 (15)
Men who have sex with men and inject drugs	363 (9)	0 (0)	363 (7)
Hemophilia/coagulation disorder	5 (0)	0 (0)	5 (0)
Heterosexual contact	130 (3)	396 (57)	526 (11)
Receipt of blood, components, or tissue	8 (0)	6 (1)	14 (0)
Risk not reported/Other	106 (3)	65 (9)	171 (3)
Total	4236 (100)	692 (100)	4928 (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)	16 (84)	28 (90)
Receipt of blood, components, or tissue	0 (0)	2 (11)	2 (6)
Risk not reported/Other	0 (0)	1 (5)	1 (3)
Total	12 (100)	19 (100)	31 (100)

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

**6 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)
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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	307	91%
1990 Jan -June	80	73	91%
July-Dec	85	77	91%
1991 Jan -June	105	93	89%
July-Dec	128	111	87%
1992 Jan -June	122	105	86%
July-Dec	173	144	83%
1993 Jan -June	172	139	81%
July-Dec	146	113	77%
1994 Jan -June	169	119	70%
July-Dec	142	94	66%
1995 Jan -June	163	109	67%
July-Dec	203	110	54%
1996 Jan -June	164	79	48%
July-Dec	159	61	38%
1997 Jan -June	161	69	43%
July-Dec	116	53	46%
1998 Jan -June	111	46	41%
July-Dec	105	45	43%
1999 Jan -June	99	32	32%
July-Dec	109	29	27%
2000 Jan -June	119	41	34%
July-Dec	103	34	33%
2001 Jan -June	91	31	34%
July-Dec	102	30	29%
2002 Jan -June	124	37	30%
July-Dec	119	33	28%
2003 Jan -June	122	28	23%
July-Dec	102	25	25%
2004 Jan -June	123	26	21%
July-Dec	123	22	18%
2005 Jan -June	131	19	15%
July-Dec	108	17	16%

2006 Jan -June	116	13	11%
July-Dec	113	23	20%
2007 Jan -June	129	16	12%
July-Dec	119	9	8%
2008 Jan -May 30	66	6	9%
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Totals	4959	2418	49%

HARS Reporting S
Cumulative Deaths in Clark Co.

death	freq
	5145
1987: 1-12	1
1988: 1-12	3
1989: 1-12	7
1990: 1-12	20
1991: 1-12	37
1992: 1-12	115
1993: 1-12	142
1994: 1-12	178
1995: 1-12	173
1996: 1-12	104
1997: 1-12	82
1998: 1-12	74
1999: 1-12	91
2000: 1-12	76
2001: 1-12	68
2002: 1-12	84
2003: 1-12	106
2004: 1-12	115
2005: 1-12	117
2006: 1-12	109
2007: 1-12	126
2008: 1-12	17

Cumulative AIDS Cases in Clark Co. NV through 5/31/08
 By Dates of Diagnosis and Report 05/30/2008

All Reported Cases

Date of Diagnosis	Date of Diagnosis													Total
	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Unk	
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	6	9	19	11	16	19	12	16	19	15	12	11	0	165
1991	19	19	14	15	21	17	16	24	28	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	35	26	22	44	26	47	35	29	1	366
1996	28	37	24	31	16	27	24	33	24	23	21	34	1	323
1997	34	27	24	28	27	20	16	23	19	19	23	16	1	277
1998	17	20	28	14	13	18	10	19	20	17	23	16	1	216
1999	15	22	20	10	13	16	22	22	18	16	11	20	3	208
2000	17	18	27	16	22	19	17	14	15	15	19	23	0	222
2001	16	18	15	13	18	11	11	18	12	23	16	22	0	193
2002	25	22	18	24	12	23	21	25	16	19	18	20	0	243
2003	18	22	17	23	18	23	18	19	11	13	17	24	1	224
2004	22	23	26	17	18	17	36	16	13	14	18	26	0	246
2005	31	18	16	25	18	23	26	18	13	14	20	17	0	239
2006	21	11	17	23	21	23	19	30	20	16	12	16	0	229
2007	26	16	19	19	28	21	22	18	24	21	19	15	0	248
2008	11	12	20	20	3								0	66

Date of Report	Date of Report													Total
	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec		
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	13	9	10		136
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	99	42	39	44	22	26	29	27	10	31	16	16		401
1994	30	29	33	29	23	29	18	31	28	21	26	16		313
1995	23	16	42	25	27	35	15	27	27	42	17	27		323
1996	37	18	43	19	19	31	37	24	27	22	23	32		332
1997	33	22	18	27	30	19	16	34	29	27	27	118		400
1998	14	16	25	20	9	20	14	13	15	15	15	18		194
1999	18	31	12	13	10	8	25	22	18	20	14	11		202
2000	18	11	23	22	37	13	18	18	16	17	9	29		231
2001	12	13	12	18	5	12	10	12	15	28	13	25		175

