

OFFICE OF AIDS



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

Surveillance Update

AUGUST 2006



Acquired Immunodeficiency Syndrome (AIDS)
 Cumulative HIV Infections in Clark Co., Nv through 8/31/06
 Surveillance Report - 09/01/2006

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	3169 (100)	225 (7)	21 (100)	1 (5)	3190 (100)	226 (7)
Total	3169 (100)	225 (7)	21 (100)	1 (5)	3190 (100)	226 (7)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	20 (1)	Hispanic - All Races	490 (15)	5 (24)	495 (16)
5-12	1 (0)	Not Hispanic - Am. Indian/Alaska Native	17 (1)	0 (0)	17 (1)
13-19	58 (2)	Asian	18 (1)	0 (0)	18 (1)
20-29	1006 (32)	Black or African American	802 (25)	9 (43)	811 (25)
30-39	1255 (39)	Native Hawaiian/Pacific Is.	7 (0)	0 (0)	7 (0)
40-49	619 (19)	White	1777 (56)	7 (33)	1784 (56)
Over 49	231 (7)	Legacy Asian/Pacific Is.	38 (1)	0 (0)	38 (1)
Unknown	0 (0)	Multi-race	5 (0)	0 (0)	5 (0)
Total	3190 (100)	Unknown	15 (0)	0 (0)	15 (0)
		Total	3169 (100)	21 (100)	3190 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	1649 (63)	0 (0)	1649 (52)
Injecting drug use	213 (8)	118 (21)	331 (10)
Men who have sex with men and inject drugs	173 (7)	0 (0)	173 (5)
Hemophilia/coagulation disorder	5 (0)	0 (0)	5 (0)
Heterosexual contact	58 (2)	242 (43)	300 (9)
Receipt of blood, components, or tissue	0 (0)	2 (0)	2 (0)
Risk not reported/Other	504 (19)	205 (36)	709 (22)
Total	2602 (100)	567 (100)	3169 (100)

	Pediatric Transmission Modes		
	Males (%)	Females (%)	Total (%)
Hemophilia/coagulation disorder	0 (0)	0 (0)	0 (0)
Mother with/at risk for HIV infection	13 (100)	8 (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	13 (100)	8 (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	1079 (24)	778 (72)	7 (28)	4 (57)	1086 (24)	782 (72)
Other Disease w/o PCP	1086 (24)	694 (64)	18 (72)	10 (56)	1104 (25)	704 (64)
KS Alone	88 (2)	52 (59)	0 (0)	0 (.)	88 (2)	52 (59)
No Diseases Listed	2212 (50)	508 (23)	0 (0)	0 (.)	2212 (49)	508 (23)
Total	4465 (100)	2032 (46)	25 (100)	14 (56)	4490 (100)	2046 (46)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	21 (0)	Hispanic - All Races	700 (16)	4 (16)	704 (16)
5-12	4 (0)	Not Hispanic - Am. Indian/Alaska Native	28 (1)	0 (0)	28 (1)
13-19	19 (0)	Asian	19 (0)	0 (0)	19 (0)
20-29	699 (16)	Black or African American	1089 (24)	11 (44)	1100 (24)
30-39	1886 (42)	Native Hawaiian/Pacific Is.	5 (0)	0 (0)	5 (0)
40-49	1269 (28)	White	2567 (57)	10 (40)	2577 (57)
Over 49	592 (13)	Legacy Asian/Pacific Is.	52 (1)	0 (0)	52 (1)
Unknown	0 (0)	Multi-race	5 (0)	0 (0)	5 (0)
		Unknown	0 (0)	0 (0)	0 (0)
Total	4490 (100)	Total	4465 (100)	25 (100)	4490 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes**		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	2769 (72)	0 (0)	2769 (62)
Injecting drug use	494 (13)	213 (34)	707 (16)
Men who have sex with men and inject drugs	337 (9)	0 (0)	337 (8)
Hemophilia/coagulation disorder	4 (0)	0 (0)	4 (0)
Heterosexual contact	77 (2)	332 (53)	409 (9)
Receipt of blood, components, or tissue	9 (0)	6 (1)	15 (0)
Risk not reported/Other	143 (4)	78 (12)	221 (5)
Total	3833 (100)	629 (100)	4462 (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)	15 (88)	26 (93)
Receipt of blood, components, or tissue	0 (0)	2 (12)	2 (7)
Risk not reported/Other	0 (0)	0 (0)	0 (0)
Total	11 (100)	17 (100)	28 (100)

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

**3 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.

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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	136	79%
1993 Jan -June	172	132	77%
July-Dec	146	107	73%
1994 Jan -June	169	113	67%
July-Dec	142	87	61%
1995 Jan -June	162	91	56%
July-Dec	200	92	46%
1996 Jan -June	160	61	38%
July-Dec	157	50	32%
1997 Jan -June	157	56	36%
July-Dec	117	39	33%
1998 Jan -June	107	31	29%
July-Dec	103	33	32%
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	100	21	21%
2002 Jan -June	124	27	22%
July-Dec	118	24	20%
2003 Jan -June	121	17	14%
July-Dec	104	15	14%
2004 Jan -June	124	13	10%
July-Dec	121	15	12%
2005 Jan -June	116	9	8%
July-Dec	96	11	11%

2006 Jan -June	108	5	5%
July-Sep 1	22	3	14%

Totals	4490	2046	46%

Cumulative AIDS Cases in Clark Co., NV through 8/31/06
By Dates of Diagnosis and Report 09/01/2006

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	23	19	20	23	16	1	274
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	22	16	22	0	187
2002	25	22	18	24	12	23	21	25	15	19	18	20	0	242
2003	18	22	18	21	18	23	20	18	11	13	17	25	1	225
2004	21	23	26	19	19	16	36	17	12	15	17	24	0	245
2005	26	14	15	24	17	20	20	16	13	14	18	15	0	212
2006	19	11	16	23	18	21	17	5	0				0	130

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	29	28	27	117	397
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	25	17	42	19	25	18	6	21	12	20	247

Cumulative AIDS Cases in Clark Co., NV through 8/31/06
By Dates of Diagnosis and Report 09/01/2006

2004	19	20	41	29	16	20	26	17	12	15	13	13	241
2005	22	29	17	24	24	14	14	7	12	14	12	21	210
2006	11	21	15	14	17	32	19	19	0				148

HARS Reporting System
Cumulative Deaths in Clark Co., NV through 8/31/06

death	freq
	4620
.....	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	47
2005: 1-12	38
2006: 1-12	28