

OFFICE OF AIDS



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

Surveillance Update

AUGUST 2007



Acquired Immunodeficiency Syndrome (AIDS)
 Cumulative HIV Infections in Clark Co., NV through 8/31/07
 Surveillance Report - 08/31/2007

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	3338 (100)	266 (8)	25 (100)	1 (4)	3363 (100)	267 (8)
Total	3338 (100)	266 (8)	25 (100)	1 (4)	3363 (100)	267 (8)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	24 (1)	Hispanic - All Races	544 (16)	7 (28)	551 (16)
5-12	1 (0)	Not Hispanic - Am. Indian/Alaska Native	21 (1)	0 (0)	21 (1)
13-19	61 (2)	Asian	24 (1)	0 (0)	24 (1)
20-29	1057 (31)	Black or African American	827 (25)	10 (40)	837 (25)
30-39	1286 (38)	Native Hawaiian/Pacific Is.	11 (0)	0 (0)	11 (0)
40-49	668 (20)	White	1843 (55)	8 (32)	1851 (55)
Over 49	266 (8)	Legacy Asian/Pacific Is.	0 (0)	0 (0)	0 (0)
Unknown	0 (0)	Multi-race	44 (1)	0 (0)	44 (1)
		Unknown	24 (1)	0 (0)	24 (1)
Total	3363 (100)	Total	3338 (100)	25 (100)	3363 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	1791 (65)	0 (0)	1791 (54)
Injecting drug use	212 (8)	118 (20)	330 (10)
Men who have sex with men and inject drugs	178 (6)	0 (0)	178 (5)
Hemophilia/coagulation disorder	5 (0)	0 (0)	5 (0)
Heterosexual contact	65 (2)	271 (46)	336 (10)
Receipt of blood, components, or tissue	0 (0)	1 (0)	1 (0)
Risk not reported/Other	493 (18)	204 (34)	697 (21)
Total	2744 (100)	594 (100)	3338 (100)

	Pediatric Transmission Modes		
	Males (%)	Females (%)	Total (%)
Hemophilia/coagulation disorder	0 (0)	0 (0)	0 (0)
Mother with/at risk for HIV infection	14 (100)	10 (91)	24 (96)
Receipt of blood, components, or tissue	0 (0)	0 (0)	0 (0)
Risk not reported/Other	0 (0)	1 (9)	1 (4)
Total	14 (100)	11 (100)	25 (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	1096 (23)	796 (73)	7 (28)	4 (57)	1103 (23)	800 (73)
Other Disease w/o PCP	1111 (24)	718 (65)	18 (72)	10 (56)	1129 (24)	728 (64)
KS Alone	90 (2)	55 (61)	0 (0)	0 (.)	90 (2)	55 (61)
No Diseases Listed	2412 (51)	585 (24)	0 (0)	0 (.)	2412 (51)	585 (24)
Total	4709 (100)	2154 (46)	25 (100)	14 (56)	4734 (100)	2168 (46)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	21 (0)	Hispanic - All Races	748 (16)	4 (16)	752 (16)
5-12	4 (0)	Not Hispanic - Am. Indian/Alaska Native	30 (1)	0 (0)	30 (1)
13-19	20 (0)	Asian	26 (1)	0 (0)	26 (1)
20-29	736 (16)	Black or African American	1159 (25)	11 (44)	1170 (25)
30-39	1962 (41)	Native Hawaiian/Pacific Is.	5 (0)	0 (0)	5 (0)
40-49	1353 (29)	White	2681 (57)	10 (40)	2691 (57)
Over 49	638 (13)	Legacy Asian/Pacific Is.	1 (0)	0 (0)	1 (0)
Unknown	0 (0)	Multi-race	58 (1)	0 (0)	58 (1)
Total	4734 (100)	Unknown	1 (0)	0 (0)	1 (0)
		Total	4709 (100)	25 (100)	4734 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes**		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	2939 (73)	0 (0)	2939 (62)
Injecting drug use	511 (13)	221 (33)	732 (16)
Men who have sex with men and inject drugs	352 (9)	0 (0)	352 (7)
Hemophilia/coagulation disorder	4 (0)	0 (0)	4 (0)
Heterosexual contact	94 (2)	348 (52)	442 (9)
Receipt of blood, components, or tissue	8 (0)	6 (1)	14 (0)
Risk not reported/Other	132 (3)	89 (13)	221 (5)
Total	4040 (100)	664 (100)	4704 (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)	15 (83)	27 (90)
Receipt of blood, components, or tissue	0 (0)	2 (11)	2 (7)
Risk not reported/Other	0 (0)	1 (6)	1 (3)
Total	12 (100)	18 (100)	30 (100)

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

**5 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	305	91%
1990 Jan -June	80	73	91%
July-Dec	85	72	85%
1991 Jan -June	105	88	84%
July-Dec	128	107	84%
1992 Jan -June	122	103	84%
July-Dec	173	137	79%
1993 Jan -June	172	132	77%
July-Dec	146	110	75%
1994 Jan -June	169	114	67%
July-Dec	142	90	63%
1995 Jan -June	163	97	60%
July-Dec	202	98	49%
1996 Jan -June	161	66	41%
July-Dec	157	53	34%
1997 Jan -June	157	58	37%
July-Dec	116	44	38%
1998 Jan -June	108	36	33%
July-Dec	104	36	35%
1999 Jan -June	100	26	26%
July-Dec	107	23	21%
2000 Jan -June	116	35	30%
July-Dec	103	27	26%
2001 Jan -June	89	24	27%
July-Dec	101	24	24%
2002 Jan -June	124	31	25%
July-Dec	118	28	24%
2003 Jan -June	121	20	17%
July-Dec	101	20	20%
2004 Jan -June	119	16	13%
July-Dec	121	18	15%
2005 Jan -June	118	11	9%
July-Dec	100	13	13%

2006 Jan -June	112	10	9%
July-Dec	112	15	13%
2007 Jan -June	123	8	7%
July-Aug 31	22	0	0%
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Totals	4734	2168	46%

Cumalitive AIDS Cases in Clark County, NV through 8/31/07
By Dates of Diagnosis and Report 08/31/2007

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	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	35	26	22	44	26	47	34	29	1	365
1996	28	36	24	31	15	26	24	32	24	23	21	33	1	318
1997	34	27	24	26	27	18	16	23	19	19	23	16	1	273
1998	17	20	27	14	12	17	10	19	20	17	23	15	1	212
1999	15	22	21	10	13	16	22	21	17	16	11	20	3	207
2000	17	17	25	16	22	19	17	14	15	15	19	23	0	219
2001	16	18	14	13	17	11	10	18	12	23	16	22	0	190
2002	25	22	18	24	12	23	21	25	15	19	18	20	0	242
2003	18	22	17	22	18	23	18	18	11	13	17	24	1	222
2004	20	23	26	17	18	15	36	16	12	14	17	26	0	240
2005	27	16	15	24	17	19	21	18	12	14	19	16	0	218
2006	20	11	15	23	21	22	19	30	19	16	12	16	0	224
2007	26	16	18	17	26	20	17	5					0	145

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	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	15	27	27	42	17	27		323
1996	37	17	42	19	19	29	37	23	27	22	23	31		326
1997	33	22	18	26	29	18	16	34	29	27	27	117		396
1998	14	16	25	19	8	19	13	13	15	15	15	18		190
1999	18	31	12	13	10	8	25	20	17	20	14	11		199
2000	18	11	21	21	37	13	18	18	16	16	9	29		227
2001	12	13	12	17	5	11	9	12	15	28	13	25		172
2002	19	18	19	31	19	21	12	27	19	29	16	9		239

Cumalitive AIDS Cases in Clark County, NV through 8/31/07
By Dates of Diagnosis and Report 08/31/2007

2003	27	15	25	17	41	19	23	18	6	21	12	20	244
2004	19	20	40	29	15	20	24	16	12	14	12	13	234
2005	22	30	17	24	24	14	14	8	12	14	12	21	212
2006	12	22	15	14	16	33	19	19	28	15	15	16	224
2007	20	27	18	19	25	24	19	17					169

HARS Reporting S
Cumulative Deaths in Clark Co.

death	freq
.....: ..	2566
.....: ..	5
1982: 1-12	1
1983: 1-12	3
1984: 1-12	2
1985: 1-12	11
1986: 1-12	18
1987: 1-12	40
1988: 1-12	57
1989: 1-12	75
1990: 1-12	86
1991: 1-12	125
1992: 1-12	148
1993: 1-12	160
1994: 1-12	229
1995: 1-12	208
1996: 1-12	139
1997: 1-12	111
1998: 1-12	90
1999: 1-12	102
2000: 1-12	78
2001: 1-12	64
2002: 1-12	73
2003: 1-12	90
2004: 1-12	79
2005: 1-12	66
2006: 1-12	58
2007: 1-12	50