

OFFICE OF AIDS



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

Surveillance Update

FEBRUARY 2007



Acquired Immunodeficiency Syndrome (AIDS)
 Cumulative HIV Infections in Clark Co. NV through 2/28/07
 Surveillance Report - 03/01/2007

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	3246 (100)	258 (8)	21 (100)	1 (5)	3267 (100)	259 (8)
Total	3246 (100)	258 (8)	21 (100)	1 (5)	3267 (100)	259 (8)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	20 (1)	Hispanic - All Races	511 (16)	5 (24)	516 (16)
5-12	1 (0)	Not Hispanic - Am. Indian/Alaska Native	19 (1)	0 (0)	19 (1)
13-19	60 (2)	Asian	19 (1)	0 (0)	19 (1)
20-29	1021 (31)	Black or African American	809 (25)	9 (43)	818 (25)
30-39	1267 (39)	Native Hawaiian/Pacific Is.	9 (0)	0 (0)	9 (0)
40-49	642 (20)	White	1815 (56)	7 (33)	1822 (56)
Over 49	256 (8)	Legacy Asian/Pacific Is.	38 (1)	0 (0)	38 (1)
Unknown	0 (0)	Multi-race	6 (0)	0 (0)	6 (0)
		Unknown	20 (1)	0 (0)	20 (1)
Total	3267 (100)	Total	3246 (100)	21 (100)	3267 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	1714 (64)	0 (0)	1714 (53)
Injecting drug use	211 (8)	118 (20)	329 (10)
Men who have sex with men and inject drugs	174 (7)	0 (0)	174 (5)
Hemophilia/coagulation disorder	5 (0)	0 (0)	5 (0)
Heterosexual contact	57 (2)	244 (42)	301 (9)
Receipt of blood, components, or tissue	0 (0)	2 (0)	2 (0)
Risk not reported/Other	508 (19)	213 (37)	721 (22)
Total	2669 (100)	577 (100)	3246 (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	1088 (24)	791 (73)	7 (28)	4 (57)	1095 (24)	795 (73)
Other Disease w/o PCP	1097 (24)	706 (64)	18 (72)	10 (56)	1115 (24)	716 (64)
KS Alone	89 (2)	55 (62)	0 (0)	0 (.)	89 (2)	55 (62)
No Diseases Listed	2312 (50)	552 (24)	0 (0)	0 (.)	2312 (50)	552 (24)
Total	4586 (100)	2104 (46)	25 (100)	14 (56)	4611 (100)	2118 (46)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	21 (0)	Hispanic - All Races	722 (16)	4 (16)	726 (16)
5-12	4 (0)	Not Hispanic - Am. Indian/Alaska Native	28 (1)	0 (0)	28 (1)
13-19	19 (0)	Asian	23 (1)	0 (0)	23 (0)
20-29	713 (15)	Black or African American	1125 (25)	11 (44)	1136 (25)
30-39	1926 (42)	Native Hawaiian/Pacific Is.	5 (0)	0 (0)	5 (0)
40-49	1313 (28)	White	2625 (57)	10 (40)	2635 (57)
Over 49	615 (13)	Legacy Asian/Pacific Is.	52 (1)	0 (0)	52 (1)
Unknown	0 (0)	Multi-race	5 (0)	0 (0)	5 (0)
		Unknown	1 (0)	0 (0)	1 (0)
Total	4611 (100)	Total	4586 (100)	25 (100)	4611 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes**		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	2846 (72)	0 (0)	2846 (62)
Injecting drug use	505 (13)	218 (34)	723 (16)
Men who have sex with men and inject drugs	345 (9)	0 (0)	345 (8)
Hemophilia/coagulation disorder	4 (0)	0 (0)	4 (0)
Heterosexual contact	81 (2)	335 (52)	416 (9)
Receipt of blood, components, or tissue	9 (0)	6 (1)	15 (0)
Risk not reported/Other	145 (4)	89 (14)	234 (5)
Total	3935 (100)	648 (100)	4583 (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.

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
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Before 1990	337	305	91%
1990 Jan -June	79	72	91%
July-Dec	86	73	85%
1991 Jan -June	105	88	84%
July-Dec	128	106	83%
1992 Jan -June	122	102	84%
July-Dec	173	137	79%
1993 Jan -June	172	132	77%
July-Dec	146	109	75%
1994 Jan -June	169	113	67%
July-Dec	142	89	63%
1995 Jan -June	162	96	59%
July-Dec	200	95	48%
1996 Jan -June	160	64	40%
July-Dec	157	52	33%
1997 Jan -June	157	58	37%
July-Dec	117	44	38%
1998 Jan -June	107	34	32%
July-Dec	103	34	33%
1999 Jan -June	100	24	24%
July-Dec	108	23	21%
2000 Jan -June	117	29	25%
July-Dec	102	24	24%
2001 Jan -June	87	22	25%
July-Dec	101	25	25%
2002 Jan -June	124	29	23%
July-Dec	118	26	22%
2003 Jan -June	122	21	17%
July-Dec	104	19	18%
2004 Jan -June	123	15	12%
July-Dec	122	18	15%
2005 Jan -June	116	10	9%
July-Dec	97	11	11%

2006 Jan -June	109	7	6%
July-Dec	110	12	11%
2007 Jan -Mar 1	29	0	0%
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Totals	4611	2118	46%

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HARS Reporting S
Cumulative Deaths in Clark Co.,

death	freq
	4747
.....: ..	9
1987: 1-12	1
1988: 1-12	3
1989: 1-12	7
1990: 1-12	19
1991: 1-12	37
1992: 1-12	113
1993: 1-12	136
1994: 1-12	171
1995: 1-12	167
1996: 1-12	100
1997: 1-12	79
1998: 1-12	54
1999: 1-12	73
2000: 1-12	50
2001: 1-12	43
2002: 1-12	56
2003: 1-12	64
2004: 1-12	65
2005: 1-12	40
2006: 1-12	50
2007: 1-12	5

Cumulative AIDS Cases in Clark Co., NV through 2/28/07
By Dates of Diagnosis and Report 03/01/2007

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	23	16	22	0	188
2002	25	22	18	24	12	23	21	25	15	19	18	20	0	242
2003	18	22	18	22	18	23	20	18	11	13	17	25	1	226
2004	21	23	26	18	19	16	36	17	12	15	17	25	0	245
2005	26	14	15	24	17	20	20	17	13	14	18	15	0	213
2006	19	11	16	23	18	22	19	30	19	16	11	15	0	219
2007	22	7	0										0	29

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

