

OFFICE OF AIDS



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

Surveillance Update

FEBRUARY 2008



Acquired Immunodeficiency Syndrome (AIDS)
 Cumulative HIV Infections in Clark Co., NV through 2/29/08
 Surveillance Report - 02/29/2008

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	3414 (100)	382 (11)	25 (100)	2 (8)	3439 (100)	384 (11)
Total	3414 (100)	382 (11)	25 (100)	2 (8)	3439 (100)	384 (11)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	24 (1)	Hispanic - All Races	565 (17)	6 (24)	571 (17)
5-12	1 (0)	Not Hispanic - Am. Indian/Alaska Native	22 (1)	0 (0)	22 (1)
13-19	66 (2)	Asian	25 (1)	0 (0)	25 (1)
20-29	1077 (31)	Black or African American	847 (25)	11 (44)	858 (25)
30-39	1301 (38)	Native Hawaiian/Pacific Is.	13 (0)	0 (0)	13 (0)
40-49	698 (20)	White	1873 (55)	8 (32)	1881 (55)
Over 49	272 (8)	Legacy Asian/Pacific Is.	0 (0)	0 (0)	0 (0)
Unknown	0 (0)	Multi-race	44 (1)	0 (0)	44 (1)
Total	3439 (100)	Unknown	25 (1)	0 (0)	25 (1)
		Total	3414 (100)	25 (100)	3439 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	1840 (65)	0 (0)	1840 (54)
Injecting drug use	218 (8)	118 (20)	336 (10)
Men who have sex with men and inject drugs	180 (6)	0 (0)	180 (5)
Hemophilia/coagulation disorder	4 (0)	0 (0)	4 (0)
Heterosexual contact	89 (3)	292 (49)	381 (11)
Receipt of blood, components, or tissue	0 (0)	1 (0)	1 (0)
Risk not reported/Other	482 (17)	190 (32)	672 (20)
Total	2813 (100)	601 (100)	3414 (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)	11 (92)	24 (96)
Receipt of blood, components, or tissue	0 (0)	0 (0)	0 (0)
Risk not reported/Other	0 (0)	1 (8)	1 (4)
Total	13 (100)	12 (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	1103 (23)	804 (73)	7 (28)	4 (57)	1110 (23)	808 (73)
Other Disease w/o PCP	1138 (23)	732 (64)	18 (72)	10 (56)	1156 (24)	742 (64)
KS Alone	94 (2)	55 (59)	0 (0)	0 (.)	94 (2)	55 (59)
No Diseases Listed	2539 (52)	645 (25)	0 (0)	0 (.)	2539 (52)	645 (25)
Total	4874 (100)	2236 (46)	25 (100)	14 (56)	4899 (100)	2250 (46)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	21 (0)	Hispanic - All Races	789 (16)	4 (16)	793 (16)
5-12	4 (0)	Not Hispanic - Am. Indian/Alaska Native	29 (1)	0 (0)	29 (1)
13-19	21 (0)	Asian	30 (1)	0 (0)	30 (1)
20-29	761 (16)	Black or African American	1204 (25)	11 (44)	1215 (25)
30-39	2006 (41)	Native Hawaiian/Pacific Is.	8 (0)	0 (0)	8 (0)
40-49	1414 (29)	White	2752 (56)	10 (40)	2762 (56)
Over 49	672 (14)	Legacy Asian/Pacific Is.	1 (0)	0 (0)	1 (0)
Unknown	0 (0)	Multi-race	60 (1)	0 (0)	60 (1)
Total	4899 (100)	Unknown	1 (0)	0 (0)	1 (0)
		Total	4874 (100)	25 (100)	4899 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes**		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	3061 (73)	0 (0)	3061 (63)
Injecting drug use	518 (12)	225 (33)	743 (15)
Men who have sex with men and inject drugs	360 (9)	0 (0)	360 (7)
Hemophilia/coagulation disorder	5 (0)	0 (0)	5 (0)
Heterosexual contact	117 (3)	379 (55)	496 (10)
Receipt of blood, components, or tissue	8 (0)	6 (1)	14 (0)
Risk not reported/Other	112 (3)	77 (11)	189 (4)
Total	4181 (100)	687 (100)	4868 (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.

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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	306	91%
1990 Jan -June	80	73	91%
July-Dec	85	73	86%
1991 Jan -June	105	89	85%
July-Dec	128	108	84%
1992 Jan -June	122	104	85%
July-Dec	173	138	80%
1993 Jan -June	172	134	78%
July-Dec	146	111	76%
1994 Jan -June	169	115	68%
July-Dec	142	91	64%
1995 Jan -June	163	101	62%
July-Dec	202	101	50%
1996 Jan -June	161	70	43%
July-Dec	157	54	34%
1997 Jan -June	158	61	39%
July-Dec	116	46	40%
1998 Jan -June	111	41	37%
July-Dec	104	41	39%
1999 Jan -June	99	28	28%
July-Dec	107	23	21%
2000 Jan -June	119	36	30%
July-Dec	103	29	28%
2001 Jan -June	91	29	32%
July-Dec	102	26	25%
2002 Jan -June	124	31	25%
July-Dec	118	28	24%
2003 Jan -June	122	23	19%
July-Dec	102	20	20%
2004 Jan -June	123	20	16%
July-Dec	123	19	15%
2005 Jan -June	131	14	11%
July-Dec	108	16	15%

2006 Jan -June	116	12	10%
July-Dec	113	20	18%
2007 Jan -June	129	10	8%
July-Dec	119	8	7%
2008 Jan -Feb 29	19	1	5%
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Totals	4899	2250	46%

HARS Reporting S
Cumulative Deaths in Clark Co.

death	freq
	5146
1987: 1-12	1
1988: 1-12	3
1989: 1-12	7
1990: 1-12	19
1991: 1-12	37
1992: 1-12	115
1993: 1-12	138
1994: 1-12	173
1995: 1-12	168
1996: 1-12	101
1997: 1-12	81
1998: 1-12	69
1999: 1-12	79
2000: 1-12	64
2001: 1-12	52
2002: 1-12	68
2003: 1-12	95
2004: 1-12	97
2005: 1-12	84
2006: 1-12	88
2007: 1-12	84
2008: 1-12	4

Cumulative AIDS Cases in Clark Co. NV through 2/29/08
By Dates of Diagnosis and Report 02/29/2008

All Reported Cases

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	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	19	16	23	19	19	23	16	1	274
1998	17	20	28	14	13	18	10	19	20	17	23	15	1	215
1999	15	22	20	10	13	16	22	21	17	16	11	20	3	206
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	15	19	18	20	0	242
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	23	17	24	21	19	15	0	248
2008	11	8											0	19

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	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	20	9	20	14	13	15	15	15	18		194
1999	18	31	11	13	10	8	25	21	17	20	14	11		199
2000	18	11	23	22	37	13	18	18	16	16	9	29		230
2001	12	13	12	18	5	12	10	12	15	28	13	25		175

