

OFFICE OF AIDS



**Clark County Health District
Las Vegas, Nevada**

Surveillance Update

August 2005

CLARK COUNTY

HEALTH DISTRICT

Acquired Immunodeficiency Syndrome (AIDS)
HIV Infections in Clark County, NV through 08/2005
Surveillance Report - 09/01/2005

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	2944 (100)	220 (7)	20 (100)	1 (5)	2964 (100)	221 (7)
Total	2944 (100)	220 (7)	20 (100)	1 (5)	2964 (100)	221 (7)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	19 (1)	Hispanic - All Races	425 (14)	4 (20)	429 (14)
5-12	1 (0)	Not Hispanic - Am. Indian/Alaska Native	18 (1)	0 (0)	18 (1)
13-19	54 (2)	Asian	9 (0)	0 (0)	9 (0)
20-29	938 (32)	Black or African American	749 (25)	9 (45)	758 (26)
30-39	1180 (40)	Native Hawaiian/Pacific Is.	3 (0)	0 (0)	3 (0)
40-49	564 (19)	White	1692 (57)	7 (35)	1699 (57)
Over 49	208 (7)	Legacy Asian/Pacific Is.	39 (1)	0 (0)	39 (1)
Unknown	0 (0)	Multi-race	2 (0)	0 (0)	2 (0)
		Unknown	7 (0)	0 (0)	7 (0)
Total	2964 (100)	Total	2944 (100)	20 (100)	2964 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	1532 (64)	0 (0)	1532 (52)
Injecting drug use	207 (9)	117 (22)	324 (11)
Men who have sex with men and inject drugs	164 (7)	0 (0)	164 (6)
Hemophilia/coagulation disorder	4 (0)	0 (0)	4 (0)
Heterosexual contact	57 (2)	240 (45)	297 (10)
Receipt of blood, components, or tissue	1 (0)	4 (1)	5 (0)
Risk not reported/Other	443 (18)	175 (33)	618 (21)
Total	2408 (100)	536 (100)	2944 (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)	9 (100)	20 (100)
Receipt of blood, components, or tissue	0 (0)	0 (0)	0 (0)
Risk not reported/Other	0 (0)	0 (0)	0 (0)
Total	11 (100)	9 (100)	20 (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	1051 (25)	763 (73)	7 (28)	4 (57)	1058 (25)	767 (72)
Other Disease w/o PCP	1060 (25)	681 (64)	18 (72)	10 (56)	1078 (25)	691 (64)
KS Alone	87 (2)	52 (60)	0 (0)	0 (.)	87 (2)	52 (60)
No Diseases Listed	2036 (48)	476 (23)	0 (0)	0 (.)	2036 (48)	476 (23)
Total	4234 (100)	1972 (47)	25 (100)	14 (56)	4259 (100)	1986 (47)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	21 (0)	Hispanic - All Races	643 (15)	4 (16)	647 (15)
5-12	4 (0)	Not Hispanic - Am. Indian/Alaska Native	27 (1)	0 (0)	27 (1)
13-19	17 (0)	Asian	14 (0)	0 (0)	14 (0)
20-29	654 (15)	Black or African American	1031 (24)	11 (44)	1042 (24)
30-39	1812 (43)	Native Hawaiian/Pacific Is.	2 (0)	0 (0)	2 (0)
40-49	1195 (28)	White	2462 (58)	10 (40)	2472 (58)
Over 49	556 (13)	Legacy Asian/Pacific Is.	51 (1)	0 (0)	51 (1)
Unknown	0 (0)	Multi-race	4 (0)	0 (0)	4 (0)
		Unknown	0 (0)	0 (0)	0 (0)
Total	4259 (100)	Total	4234 (100)	25 (100)	4259 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes**		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	2635 (72)	0 (0)	2635 (62)
Injecting drug use	477 (13)	205 (35)	682 (16)
Men who have sex with men and inject drugs	332 (9)	0 (0)	332 (8)
Hemophilia/coagulation disorder	4 (0)	0 (0)	4 (0)
Heterosexual contact	74 (2)	321 (54)	395 (9)
Receipt of blood, components, or tissue	13 (0)	11 (2)	24 (1)
Risk not reported/Other	103 (3)	57 (10)	160 (4)
Total	3638 (100)	594 (100)	4232 (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)	14 (88)	25 (93)
Receipt of blood, components, or tissue	0 (0)	2 (13)	2 (7)
Risk not reported/Other	0 (0)	0 (0)	0 (0)
Total	11 (100)	16 (100)	27 (100)

* Classification at time of AIDS dx if patient met the AIDS case definition (otherwise age at first HIV report).
**2 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	79	71	90%
July-Dec	86	73	85%
1991 Jan -June	105	88	84%
July-Dec	128	106	83%
1992 Jan -June	122	100	82%
July-Dec	173	135	78%
1993 Jan -June	172	131	76%
July-Dec	147	106	72%
1994 Jan -June	169	112	66%
July-Dec	142	86	61%
1995 Jan -June	162	89	55%
July-Dec	200	89	45%
1996 Jan -June	159	58	36%
July-Dec	156	47	30%
1997 Jan -June	157	53	34%
July-Dec	118	37	31%
1998 Jan -June	106	31	29%
July-Dec	103	31	30%
1999 Jan -June	100	22	22%
July-Dec	108	23	21%
2000 Jan -June	117	26	22%
July-Dec	102	22	22%
2001 Jan -June	87	18	21%
July-Dec	102	20	20%
2002 Jan -June	123	26	21%
July-Dec	118	22	19%
2003 Jan -June	124	15	12%
July-Dec	105	13	12%
2004 Jan -June	127	12	9%
July-Dec	124	12	10%
2005 Jan -June	95	6	6%
July-Sep 1	6	1	17%
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Totals	4259	1986	47%

HIV Infections in Clark County, NV through 08/2005
 By Dates of Diagnosis and Report 09/01/2005

All Reported Cases

Date of Diagnosis	Date of Report													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	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	16	24	27	0	319
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	24	24	32	23	23	21	33	1	315
1997	34	27	24	26	27	18	16	24	19	20	23	16	1	275
1998	16	20	26	14	12	17	9	19	20	17	23	15	1	209
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	23	0	189
2002	24	22	18	24	12	23	21	25	15	20	18	19	0	241
2003	19	22	18	22	19	23	20	19	11	13	17	25	1	229
2004	21	23	26	19	20	18	36	17	12	17	18	24	0	251
2005	26	15	14	16	12	12	6	0	0				0	101

Date of Report	Date of Diagnosis													Total
	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Unk	
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	30	28	27	117		398
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	26	18	42	19	25	18	6	22	12	20		250
2004	19	21	41	30	16	20	27	17	13	17	13	16		250
2005	23	30	17	23	22	13	12	1	0					141

death	freq
	2275
.....	5
1982: 1-12	1
1983: 1-12	3
1984: 1-12	2
1985: 1-12	11
1986: 1-12	18
1987: 1-12	41
1988: 1-12	58
1989: 1-12	75
1990: 1-12	86
1991: 1-12	125
1992: 1-12	147
1993: 1-12	160
1994: 1-12	229
1995: 1-12	205
1996: 1-12	135
1997: 1-12	109
1998: 1-12	89
1999: 1-12	100
2000: 1-12	77
2001: 1-12	61
2002: 1-12	72
2003: 1-12	82
2004: 1-12	61
2005: 1-12	40