

OFFICE OF AIDS



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

Surveillance Update

January 2005



Acquired Immunodeficiency Syndrome (AIDS)
HIV Infections in Clark County, NV through 01/2005
Surveillance Report - 02/08/2005

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	2858 (100)	216 (8)	20 (100)	1 (5)	2878 (100)	217 (8)
Total	2858 (100)	216 (8)	20 (100)	1 (5)	2878 (100)	217 (8)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases (%)	Cases (%)	Cases (%)
Under 5	19 (1)	Hispanic - All Races	401 (14)	4 (20)	405 (14)
5-12	1 (0)	Not Hispanic - Am. Indian/Alaska Native	18 (1)	0 (0)	18 (1)
13-19	53 (2)	Asian	5 (0)	0 (0)	5 (0)
20-29	911 (32)	Black or African American	740 (26)	9 (45)	749 (26)
30-39	1152 (40)	Native Hawaiian/Pacific Is.	5 (0)	0 (0)	5 (0)
40-49	546 (19)	White	1640 (57)	7 (35)	1647 (57)
Over 49	196 (7)	Legacy Asian/Pacific Is.	41 (1)	0 (0)	41 (1)
Unknown	0 (0)	Multi-race	2 (0)	0 (0)	2 (0)
		Unknown	6 (0)	0 (0)	6 (0)
Total	2878 (100)	Total	2858 (100)	20 (100)	2878 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	1479 (63)	0 (0)	1479 (52)
Injecting drug use	202 (9)	117 (22)	319 (11)
Men who have sex with men and inject drugs	165 (7)	0 (0)	165 (6)
Hemophilia/coagulation disorder	4 (0)	0 (0)	4 (0)
Heterosexual contact	52 (2)	242 (46)	294 (10)
Receipt of blood, components, or tissue	1 (0)	2 (0)	3 (0)
Risk not reported/Other	430 (18)	164 (31)	594 (21)
Total	2333 (100)	525 (100)	2858 (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	1039 (25)	754 (73)	7 (28)	4 (57)	1046 (25)	758 (72)
Other Disease w/o PCP	1040 (25)	668 (64)	18 (72)	10 (56)	1058 (26)	678 (64)
KS Alone	86 (2)	52 (60)	0 (0)	0 (.)	86 (2)	52 (60)
No Diseases Listed	1948 (47)	450 (23)	0 (0)	0 (.)	1948 (47)	450 (23)
Total	4113 (100)	1924 (47)	25 (100)	14 (56)	4138 (100)	1938 (47)

2. Age *	Cases (%)	3. Race/Ethnicity	Adult/Adolescent *		Pediatric *		Total	
			Cases (%)	Deaths (%)	Cases (%)	Deaths (%)	Cases (%)	Deaths (%)
Under 5	21 (1)	Hispanic - All Races	621 (15)		4 (16)		625 (15)	
5-12	4 (0)	Not Hispanic - Am. Indian/Alaska Native	27 (1)		0 (0)		27 (1)	
13-19	15 (0)	Asian	10 (0)		0 (0)		10 (0)	
20-29	637 (15)	Black or African American	991 (24)		11 (44)		1002 (24)	
30-39	1786 (43)	Native Hawaiian/Pacific Is.	2 (0)		0 (0)		2 (0)	
40-49	1139 (28)	White	2407 (59)		10 (40)		2417 (58)	
Over 49	536 (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	4138 (100)	Total	4113 (100)		25 (100)		4138 (100)	

4. Exposure Category	Adult/Adolescent Transmission Modes**		
	Males (%)	Females (%)	Total (%)
Men who have sex with men	2574 (73)	0 (0)	2574 (63)
Injecting drug use	470 (13)	203 (35)	673 (16)
Men who have sex with men and inject drugs	325 (9)	0 (0)	325 (8)
Hemophilia/coagulation disorder	4 (0)	0 (0)	4 (0)
Heterosexual contact	74 (2)	315 (55)	389 (9)
Receipt of blood, components, or tissue	12 (0)	9 (2)	21 (1)
Risk not reported/Other	80 (2)	45 (8)	125 (3)
Total	3539 (100)	572 (100)	4111 (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.

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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	70	89%
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	110	65%
July-Dec	143	84	59%
1995 Jan -June	162	88	54%
July-Dec	199	88	44%
1996 Jan -June	159	56	35%
July-Dec	157	47	30%
1997 Jan -June	156	51	33%
July-Dec	118	35	30%
1998 Jan -June	106	30	28%
July-Dec	103	29	28%
1999 Jan -June	100	22	22%
July-Dec	109	22	20%
2000 Jan -June	115	25	22%
July-Dec	100	20	20%
2001 Jan -June	87	17	20%
July-Dec	103	18	17%
2002 Jan -June	120	23	19%
July-Dec	118	19	16%
2003 Jan -June	125	14	11%
July-Dec	105	10	10%
2004 Jan -June	127	8	6%
July-Dec	100	8	8%
2005 Jan -Feb 8	8	0	0%
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Totals	4138	1938	47%

death	freq
.....: ..	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	76
1990: 1-12	86
1991: 1-12	125
1992: 1-12	148
1993: 1-12	160
1994: 1-12	230
1995: 1-12	206
1996: 1-12	137
1997: 1-12	110
1998: 1-12	89
1999: 1-12	102
2000: 1-12	79
2001: 1-12	62
2002: 1-12	72
2003: 1-12	83
2004: 1-12	51
2005: 1-12	2