

**OFFICE OF AIDS**

**HIV**

**Surveillance Project**

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

**Surveillance Update**

**January 2006**

**CLARK COUNTY**  
  
**HEALTH DISTRICT**

Acquired Immunodeficiency Syndrome (AIDS)  
 CUMULATIVE HIV INFECTIONS IN CLARK CO. THROUGH 1/31/06  
 Surveillance Report - 02/07/2006

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	3016 (100)	223 ( 7)	21 (100)	1 ( 5)	3037 (100)	224 ( 7)
<b>Total</b>	<b>3016 (100)</b>	<b>223 ( 7)</b>	<b>21 (100)</b>	<b>1 ( 5)</b>	<b>3037 (100)</b>	<b>224 ( 7)</b>

2. Age *	Cases ( %)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases ( %)	Cases ( %)	Cases ( %)
Under 5	20 ( 1)	Hispanic - All Races	450 ( 15)	5 ( 24)	455 ( 15)
5-12	1 ( 0)	Not Hispanic - Am. Indian/Alaska Native	17 ( 1)	0 ( 0)	17 ( 1)
13-19	54 ( 2)	Asian	10 ( 0)	0 ( 0)	10 ( 0)
20-29	957 ( 32)	Black or African American	766 ( 25)	9 ( 43)	775 ( 26)
30-39	1200 ( 40)	Native Hawaiian/Pacific Is.	6 ( 0)	0 ( 0)	6 ( 0)
40-49	589 ( 19)	White	1714 ( 57)	7 ( 33)	1721 ( 57)
Over 49	216 ( 7)	Legacy Asian/Pacific Is.	39 ( 1)	0 ( 0)	39 ( 1)
Unknown	0 ( 0)	Multi-race	5 ( 0)	0 ( 0)	5 ( 0)
		Unknown	9 ( 0)	0 ( 0)	9 ( 0)
<b>Total</b>	<b>3037 (100)</b>	<b>Total</b>	<b>3016 (100)</b>	<b>21 (100)</b>	<b>3037 (100)</b>

4. Exposure Category	Adult/Adolescent Transmission Modes		
	Males ( %)	Females ( %)	Total ( %)
Men who have sex with men	1571 ( 64)	0 ( 0)	1571 ( 52)
Injecting drug use	209 ( 8)	119 ( 22)	328 ( 11)
Men who have sex with men and inject drugs	164 ( 7)	0 ( 0)	164 ( 5)
Hemophilia/coagulation disorder	4 ( 0)	0 ( 0)	4 ( 0)
Heterosexual contact	58 ( 2)	240 ( 44)	298 ( 10)
Receipt of blood, components, or tissue	3 ( 0)	5 ( 1)	8 ( 0)
Risk not reported/Other	462 ( 19)	181 ( 33)	643 ( 21)
<b>Total</b>	<b>2471 (100)</b>	<b>545 (100)</b>	<b>3016 (100)</b>

	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 ( 90)	20 ( 95)
Receipt of blood, components, or tissue	0 ( 0)	0 ( 0)	0 ( 0)
Risk not reported/Other	0 ( 0)	1 ( 10)	1 ( 5)
<b>Total</b>	<b>11 (100)</b>	<b>10 (100)</b>	<b>21 (100)</b>

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

Acquired Immunodeficiency Syndrome (AIDS)  
 Cumulative AIDS Cases in Clark County through 1/31/06  
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1. Disease Category	Adult/Adolescent *		Pediatric *		Total	
	Cases ( %)	Deaths ( %)	Cases ( %)	Deaths ( %)	Cases ( %)	Deaths ( %)
PCP	1068 ( 25)	771 ( 72)	7 ( 28)	4 ( 57)	1075 ( 25)	775 ( 72)
Other Disease w/o PCP	1072 ( 25)	685 ( 64)	18 ( 72)	10 ( 56)	1090 ( 25)	695 ( 64)
KS Alone	88 ( 2)	52 ( 59)	0 ( 0)	0 ( .)	88 ( 2)	52 ( 59)
No Diseases Listed	2091 ( 48)	488 ( 23)	0 ( 0)	0 ( .)	2091 ( 48)	488 ( 23)
<b>Total</b>	<b>4319 (100)</b>	<b>1996 ( 46)</b>	<b>25 (100)</b>	<b>14 ( 56)</b>	<b>4344 (100)</b>	<b>2010 ( 46)</b>

2. Age *	Cases ( %)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases ( %)	Cases ( %)	Cases ( %)
Under 5	21 ( 0)	Hispanic - All Races	661 ( 15)	4 ( 16)	665 ( 15)
5-12	4 ( 0)	Not Hispanic - Am. Indian/Alaska Native	28 ( 1)	0 ( 0)	28 ( 1)
13-19	18 ( 0)	Asian	17 ( 0)	0 ( 0)	17 ( 0)
20-29	667 ( 15)	Black or African American	1053 ( 24)	11 ( 44)	1064 ( 24)
30-39	1834 ( 42)	Native Hawaiian/Pacific Is.	4 ( 0)	0 ( 0)	4 ( 0)
40-49	1234 ( 28)	White	2501 ( 58)	10 ( 40)	2511 ( 58)
Over 49	566 ( 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)
<b>Total</b>	<b>4344 (100)</b>	<b>Total</b>	<b>4319 (100)</b>	<b>25 (100)</b>	<b>4344 (100)</b>

4. Exposure Category	Adult/Adolescent Transmission Modes**		
	Males ( %)	Females ( %)	Total ( %)
Men who have sex with men	2683 ( 72)	0 ( 0)	2683 ( 62)
Injecting drug use	483 ( 13)	207 ( 34)	690 ( 16)
Men who have sex with men and inject drugs	335 ( 9)	0 ( 0)	335 ( 8)
Hemophilia/coagulation disorder	4 ( 0)	0 ( 0)	4 ( 0)
Heterosexual contact	75 ( 2)	326 ( 54)	401 ( 9)
Receipt of blood, components, or tissue	13 ( 0)	11 ( 2)	24 ( 1)
Risk not reported/Other	116 ( 3)	64 ( 11)	180 ( 4)
<b>Total</b>	<b>3709 (100)</b>	<b>608 (100)</b>	<b>4317 (100)</b>

	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)
<b>Total</b>	<b>11 (100)</b>	<b>16 (100)</b>	<b>27 (100)</b>

\* 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	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	146	106	73%
1994 Jan -June	169	112	66%
July-Dec	142	87	61%
1995 Jan -June	162	89	55%
July-Dec	199	90	45%
1996 Jan -June	160	60	38%
July-Dec	156	47	30%
1997 Jan -June	157	55	35%
July-Dec	118	37	31%
1998 Jan -June	106	31	29%
July-Dec	103	31	30%
1999 Jan -June	100	23	23%
July-Dec	108	23	21%
2000 Jan -June	117	27	23%
July-Dec	102	22	22%
2001 Jan -June	87	18	21%
July-Dec	102	21	21%
2002 Jan -June	124	27	22%
July-Dec	119	23	19%
2003 Jan -June	123	17	14%
July-Dec	105	14	13%
2004 Jan -June	127	12	9%
July-Dec	124	13	10%
2005 Jan -June	106	8	8%
July-Dec	78	8	10%
2006 Jan -Feb 7	2	0	0%
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Totals	4344	2010	46%



death	freq
	2387
.....	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	84
2004: 1-12	61
2005: 1-12	62
2006: 1-12	2