

**OFFICE OF AIDS**



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

**Surveillance Update**

**JANUARY 2007**



Acquired Immunodeficiency Syndrome (AIDS)  
 Cumulative HIV Infections in Clark Co., NV through 01-31-07  
 Surveillance Report - 02/01/2007

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	3237 (100)	246 ( 8)	21 (100)	1 ( 5)	3258 (100)	247 ( 8)
<b>Total</b>	<b>3237 (100)</b>	<b>246 ( 8)</b>	<b>21 (100)</b>	<b>1 ( 5)</b>	<b>3258 (100)</b>	<b>247 ( 8)</b>

2. Age *	Cases ( %)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases ( %)	Cases ( %)	Cases ( %)
Under 5	20 ( 1)	Hispanic - All Races	509 ( 16)	5 ( 24)	514 ( 16)
5-12	1 ( 0)	Not Hispanic - Am. Indian/Alaska Native	19 ( 1)	0 ( 0)	19 ( 1)
13-19	61 ( 2)	Asian	20 ( 1)	0 ( 0)	20 ( 1)
20-29	1019 ( 31)	Black or African American	809 ( 25)	9 ( 43)	818 ( 25)
30-39	1269 ( 39)	Native Hawaiian/Pacific Is.	9 ( 0)	0 ( 0)	9 ( 0)
40-49	638 ( 20)	White	1809 ( 56)	7 ( 33)	1816 ( 56)
Over 49	250 ( 8)	Legacy Asian/Pacific Is.	38 ( 1)	0 ( 0)	38 ( 1)
Unknown	0 ( 0)	Multi-race	6 ( 0)	0 ( 0)	6 ( 0)
		Unknown	18 ( 1)	0 ( 0)	18 ( 1)
<b>Total</b>	<b>3258 (100)</b>	<b>Total</b>	<b>3237 (100)</b>	<b>21 (100)</b>	<b>3258 (100)</b>

4. Exposure Category	Adult/Adolescent Transmission Modes		
	Males ( %)	Females ( %)	Total ( %)
Men who have sex with men	1704 ( 64)	0 ( 0)	1704 ( 53)
Injecting drug use	213 ( 8)	120 ( 21)	333 ( 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)	242 ( 42)	299 ( 9)
Receipt of blood, components, or tissue	0 ( 0)	2 ( 0)	2 ( 0)
Risk not reported/Other	508 ( 19)	212 ( 37)	720 ( 22)
<b>Total</b>	<b>2661 (100)</b>	<b>576 (100)</b>	<b>3237 (100)</b>

	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)
<b>Total</b>	<b>13 (100)</b>	<b>8 (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).

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1. Disease Category	Adult/Adolescent *		Pediatric *		Total	
	Cases ( %)	Deaths ( %)	Cases ( %)	Deaths ( %)	Cases ( %)	Deaths ( %)
PCP	1085 ( 24)	788 ( 73)	7 ( 28)	4 ( 57)	1092 ( 24)	792 ( 73)
Other Disease w/o PCP	1094 ( 24)	705 ( 64)	18 ( 72)	10 ( 56)	1112 ( 24)	715 ( 64)
KS Alone	89 ( 2)	55 ( 62)	0 ( 0)	0 ( .)	89 ( 2)	55 ( 62)
No Diseases Listed	2291 ( 50)	543 ( 24)	0 ( 0)	0 ( .)	2291 ( 50)	543 ( 24)
Total	4559 (100)	2091 ( 46)	25 (100)	14 ( 56)	4584 (100)	2105 ( 46)

2. Age *	Cases ( %)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases ( %)	Cases ( %)	Cases ( %)
Under 5	21 ( 0)	Hispanic - All Races	718 ( 16)	4 ( 16)	722 ( 16)
5-12	4 ( 0)	Not Hispanic - Am. Indian/Alaska Native	28 ( 1)	0 ( 0)	28 ( 1)
13-19	19 ( 0)	Asian	21 ( 0)	0 ( 0)	21 ( 0)
20-29	710 ( 15)	Black or African American	1121 ( 25)	11 ( 44)	1132 ( 25)
30-39	1917 ( 42)	Native Hawaiian/Pacific Is.	5 ( 0)	0 ( 0)	5 ( 0)
40-49	1302 ( 28)	White	2609 ( 57)	10 ( 40)	2619 ( 57)
Over 49	611 ( 13)	Legacy Asian/Pacific Is.	52 ( 1)	0 ( 0)	52 ( 1)
Unknown	0 ( 0)	Multi-race	5 ( 0)	0 ( 0)	5 ( 0)
		Unknown	0 ( 0)	0 ( 0)	0 ( 0)
Total	4584 (100)	Total	4559 (100)	25 (100)	4584 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes**		
	Males ( %)	Females ( %)	Total ( %)
Men who have sex with men	2829 ( 72)	0 ( 0)	2829 ( 62)
Injecting drug use	503 ( 13)	217 ( 34)	720 ( 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	79 ( 2)	333 ( 52)	412 ( 9)
Receipt of blood, components, or tissue	9 ( 0)	6 ( 1)	15 ( 0)
Risk not reported/Other	143 ( 4)	88 ( 14)	231 ( 5)
Total	3912 (100)	644 (100)	4556 (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.

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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	102	84%
July-Dec	173	136	79%
1993 Jan -June	172	132	77%
July-Dec	146	108	74%
1994 Jan -June	169	113	67%
July-Dec	142	88	62%
1995 Jan -June	162	94	58%
July-Dec	200	94	47%
1996 Jan -June	160	63	39%
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	33	32%
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	21	24%
July-Dec	100	25	25%
2002 Jan -June	124	29	23%
July-Dec	118	26	22%
2003 Jan -June	122	19	16%
July-Dec	104	19	18%
2004 Jan -June	123	15	12%
July-Dec	121	18	15%
2005 Jan -June	116	10	9%
July-Dec	97	11	11%

2006 Jan -June	109	6	6%
July-Dec	103	12	12%
2007 Jan -Feb 1	11	0	0%
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Totals	4584	2105	46%

HARS Reporting System  
Cumulative Deaths in Clark Co., NV through 01/31/2007

death	freq
	4726
.....	9
1987: 1-12	1
1988: 1-12	3
1989: 1-12	7
1990: 1-12	18
1991: 1-12	36
1992: 1-12	111
1993: 1-12	135
1994: 1-12	171
1995: 1-12	164
1996: 1-12	98
1997: 1-12	78
1998: 1-12	54
1999: 1-12	73
2000: 1-12	50
2001: 1-12	43
2002: 1-12	55
2003: 1-12	62
2004: 1-12	64
2005: 1-12	40
2006: 1-12	48
2007: 1-12	2

