

**OFFICE OF AIDS**



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

**Surveillance Update**

**DECEMBER 2007**



Acquired Immunodeficiency Syndrome (AIDS)  
 Cumulative HIV Infections in Clark Co., NV through 12/31/07  
 Surveillance Report - 12/31/2007

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	3387 (100)	271 ( 8)	25 (100)	2 ( 8)	3412 (100)	273 ( 8)
<b>Total</b>	<b>3387 (100)</b>	<b>271 ( 8)</b>	<b>25 (100)</b>	<b>2 ( 8)</b>	<b>3412 (100)</b>	<b>273 ( 8)</b>

2. Age *	Cases ( %)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases ( %)	Cases ( %)	Cases ( %)
Under 5	24 ( 1)	Hispanic - All Races	560 ( 17)	6 ( 24)	566 ( 17)
5-12	1 ( 0)	Not Hispanic - Am. Indian/Alaska Native	22 ( 1)	0 ( 0)	22 ( 1)
13-19	66 ( 2)	Asian	24 ( 1)	0 ( 0)	24 ( 1)
20-29	1068 ( 31)	Black or African American	839 ( 25)	11 ( 44)	850 ( 25)
30-39	1289 ( 38)	Native Hawaiian/Pacific Is.	12 ( 0)	0 ( 0)	12 ( 0)
40-49	691 ( 20)	White	1861 ( 55)	8 ( 32)	1869 ( 55)
Over 49	273 ( 8)	Legacy Asian/Pacific Is.	0 ( 0)	0 ( 0)	0 ( 0)
Unknown	0 ( 0)	Multi-race	44 ( 1)	0 ( 0)	44 ( 1)
		Unknown	25 ( 1)	0 ( 0)	25 ( 1)
<b>Total</b>	<b>3412 (100)</b>	<b>Total</b>	<b>3387 (100)</b>	<b>25 (100)</b>	<b>3412 (100)</b>

4. Exposure Category	Adult/Adolescent Transmission Modes		
	Males ( %)	Females ( %)	Total ( %)
Men who have sex with men	1828 ( 65)	0 ( 0)	1828 ( 54)
Injecting drug use	215 ( 8)	118 ( 20)	333 ( 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	82 ( 3)	283 ( 48)	365 ( 11)
Receipt of blood, components, or tissue	0 ( 0)	1 ( 0)	1 ( 0)
Risk not reported/Other	483 ( 17)	193 ( 32)	676 ( 20)
<b>Total</b>	<b>2792 (100)</b>	<b>595 (100)</b>	<b>3387 (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)	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)
<b>Total</b>	<b>13 (100)</b>	<b>12 (100)</b>	<b>25 (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	1102 ( 23)	796 ( 72)	7 ( 28)	4 ( 57)	1109 ( 23)	800 ( 72)
Other Disease w/o PCP	1133 ( 23)	722 ( 64)	18 ( 72)	10 ( 56)	1151 ( 24)	732 ( 64)
KS Alone	94 ( 2)	55 ( 59)	0 ( 0)	0 ( .)	94 ( 2)	55 ( 59)
No Diseases Listed	2504 ( 52)	607 ( 24)	0 ( 0)	0 ( .)	2504 ( 52)	607 ( 24)
Total	4833 (100)	2180 ( 45)	25 (100)	14 ( 56)	4858 (100)	2194 ( 45)

2. Age *	Cases ( %)	3. Race/Ethnicity	Adult/Adolescent *	Pediatric *	Total
			Cases ( %)	Cases ( %)	Cases ( %)
Under 5	21 ( 0)	Hispanic - All Races	776 ( 16)	4 ( 16)	780 ( 16)
5-12	4 ( 0)	Not Hispanic - Am. Indian/Alaska Native	30 ( 1)	0 ( 0)	30 ( 1)
13-19	21 ( 0)	Asian	30 ( 1)	0 ( 0)	30 ( 1)
20-29	756 ( 16)	Black or African American	1192 ( 25)	11 ( 44)	1203 ( 25)
30-39	1996 ( 41)	Native Hawaiian/Pacific Is.	8 ( 0)	0 ( 0)	8 ( 0)
40-49	1395 ( 29)	White	2736 ( 57)	10 ( 40)	2746 ( 57)
Over 49	665 ( 14)	Legacy Asian/Pacific Is.	1 ( 0)	0 ( 0)	1 ( 0)
Unknown	0 ( 0)	Multi-race	59 ( 1)	0 ( 0)	59 ( 1)
Total	4858 (100)	Unknown	1 ( 0)	0 ( 0)	1 ( 0)
		Total	4833 (100)	25 (100)	4858 (100)

4. Exposure Category	Adult/Adolescent Transmission Modes**		
	Males ( %)	Females ( %)	Total ( %)
Men who have sex with men	3023 ( 73)	0 ( 0)	3023 ( 63)
Injecting drug use	516 ( 12)	225 ( 33)	741 ( 15)
Men who have sex with men and inject drugs	358 ( 9)	0 ( 0)	358 ( 7)
Hemophilia/coagulation disorder	5 ( 0)	0 ( 0)	5 ( 0)
Heterosexual contact	102 ( 2)	366 ( 54)	468 ( 10)
Receipt of blood, components, or tissue	8 ( 0)	6 ( 1)	14 ( 0)
Risk not reported/Other	132 ( 3)	86 ( 13)	218 ( 5)
Total	4144 (100)	683 (100)	4827 (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	305	91%
1990 Jan -June	80	73	91%
July-Dec	85	72	85%
1991 Jan -June	105	88	84%
July-Dec	128	107	84%
1992 Jan -June	122	103	84%
July-Dec	173	137	79%
1993 Jan -June	172	132	77%
July-Dec	146	110	75%
1994 Jan -June	169	114	67%
July-Dec	142	90	63%
1995 Jan -June	163	97	60%
July-Dec	202	98	49%
1996 Jan -June	161	67	42%
July-Dec	157	53	34%
1997 Jan -June	157	58	37%
July-Dec	116	44	38%
1998 Jan -June	108	36	33%
July-Dec	104	38	37%
1999 Jan -June	99	26	26%
July-Dec	107	23	21%
2000 Jan -June	116	35	30%
July-Dec	103	28	27%
2001 Jan -June	89	25	28%
July-Dec	101	24	24%
2002 Jan -June	124	31	25%
July-Dec	118	28	24%
2003 Jan -June	122	22	18%
July-Dec	102	20	20%
2004 Jan -June	123	20	16%
July-Dec	123	18	15%
2005 Jan -June	130	13	10%
July-Dec	108	14	13%

2006 Jan -June	115	12	10%
July-Dec	113	17	15%
2007 Jan -June	130	10	8%
July-Dec 31	108	6	6%
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Totals	4858	2194	45%

Cumalitive AIDS Cases in Clark County, NV through 12/31/07  
By Dates of Diagnosis and Report 12/31/2007

All Reported Cases

Date of Diagnosis	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	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	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	18	16	23	19	19	23	16	1	273
1998	17	20	27	14	12	17	10	19	20	17	23	15	1	212
1999	15	22	20	10	13	16	22	21	17	16	11	20	3	206
2000	17	17	25	16	22	19	17	14	15	15	19	23	0	219
2001	16	18	14	13	17	11	10	18	12	23	16	22	0	190
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	17	16	25	18	23	26	18	13	14	20	17	0	238
2006	21	11	16	23	21	23	19	30	20	16	12	16	0	228
2007	26	16	19	19	28	22	22	17	23	21	16	9	0	238

Date of Report	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	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	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	19	8	19	13	13	15	15	15	18		190
1999	18	31	11	13	10	8	25	20	17	20	14	11		198
2000	18	11	21	21	37	13	18	18	16	16	9	29		227
2001	12	13	12	17	5	11	9	12	15	28	13	25		172
2002	19	18	19	31	19	21	12	27	19	29	16	9		239

Cumalitive AIDS Cases in Clark County, NV through 12/31/07  
 By Dates of Diagnosis and Report 12/31/2007

2003	27	15	26	17	42	19	23	18	6	21	12	20	246
2004	19	20	40	29	15	21	24	16	12	14	12	14	236
2005	22	30	17	24	25	14	18	8	14	15	12	23	222
2006	13	22	15	14	16	33	19	19	28	16	15	16	226
2007	20	27	18	20	25	26	20	17	20	22	19	44	278

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HARS Reporting S  
Cumulative Deaths in Clark Co.,

death	freq
	5099
1987: 1-12	1
1988: 1-12	3
1989: 1-12	7
1990: 1-12	19
1991: 1-12	37
1992: 1-12	114
1993: 1-12	137
1994: 1-12	171
1995: 1-12	167
1996: 1-12	100
1997: 1-12	79
1998: 1-12	63
1999: 1-12	73
2000: 1-12	51
2001: 1-12	43
2002: 1-12	56
2003: 1-12	66
2004: 1-12	67
2005: 1-12	43
2006: 1-12	52
2007: 1-12	64

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