

OFFICE OF AIDS



Southern Nevada Health District
Las Vegas, Nevada

Surveillance Update

MARCH 2006



Acquired Immunodeficiency Syndrome (AIDS)
 Cumulative HIV Infections in Clark Co., NV through 3/31/06
 Surveillance Report - 04/03/2006

| 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 | 3055 (100) | 224 (7) | 20 (100) | 1 (5) | 3075 (100) | 225 (7) |
| Total | 3055 (100) | 224 (7) | 20 (100) | 1 (5) | 3075 (100) | 225 (7) |

| 2. Age * | Cases (%) | 3. Race/Ethnicity | Adult/Adolescent * | Pediatric * | Total |
|----------|------------|---|--------------------|-------------|------------|
| | | | Cases (%) | Cases (%) | Cases (%) |
| Under 5 | 19 (1) | Hispanic - All Races | 460 (15) | 4 (20) | 464 (15) |
| 5-12 | 1 (0) | Not Hispanic - Am. Indian/Alaska Native | 17 (1) | 0 (0) | 17 (1) |
| 13-19 | 57 (2) | Asian | 12 (0) | 0 (0) | 12 (0) |
| 20-29 | 977 (32) | Black or African American | 776 (25) | 9 (45) | 785 (26) |
| 30-39 | 1210 (39) | Native Hawaiian/Pacific Is. | 6 (0) | 0 (0) | 6 (0) |
| 40-49 | 590 (19) | White | 1729 (57) | 7 (35) | 1736 (56) |
| Over 49 | 221 (7) | Legacy Asian/Pacific Is. | 39 (1) | 0 (0) | 39 (1) |
| Unknown | 0 (0) | Multi-race | 5 (0) | 0 (0) | 5 (0) |
| Total | 3075 (100) | Unknown | 11 (0) | 0 (0) | 11 (0) |
| | | Total | 3055 (100) | 20 (100) | 3075 (100) |

| 4. Exposure Category | Adult/Adolescent Transmission Modes | | |
|--|-------------------------------------|--------------|------------|
| | Males (%) | Females (%) | Total (%) |
| Men who have sex with men | 1591 (64) | 0 (0) | 1591 (52) |
| Injecting drug use | 206 (8) | 119 (21) | 325 (11) |
| Men who have sex with men and inject drugs | 168 (7) | 0 (0) | 168 (5) |
| Hemophilia/coagulation disorder | 4 (0) | 0 (0) | 4 (0) |
| Heterosexual contact | 57 (2) | 241 (43) | 298 (10) |
| Receipt of blood, components, or tissue | 3 (0) | 5 (1) | 8 (0) |
| Risk not reported/Other | 470 (19) | 191 (34) | 661 (22) |
| Total | 2499 (100) | 556 (100) | 3055 (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 | 1070 (24) | 773 (72) | 7 (28) | 4 (57) | 1077 (24) | 777 (72) |
| Other Disease w/o PCP | 1080 (25) | 686 (64) | 18 (72) | 10 (56) | 1098 (25) | 696 (63) |
| KS Alone | 88 (2) | 52 (59) | 0 (0) | 0 (.) | 88 (2) | 52 (59) |
| No Diseases Listed | 2136 (49) | 495 (23) | 0 (0) | 0 (.) | 2136 (49) | 495 (23) |
| Total | 4374 (100) | 2006 (46) | 25 (100) | 14 (56) | 4399 (100) | 2020 (46) |

| 2. Age * | Cases (%) | 3. Race/Ethnicity | Adult/Adolescent * | Pediatric * | Total |
|--------------|-------------------|---|--------------------|-----------------|-------------------|
| | | | Cases (%) | Cases (%) | Cases (%) |
| Under 5 | 21 (0) | Hispanic - All Races | 673 (15) | 4 (16) | 677 (15) |
| 5-12 | 4 (0) | Not Hispanic - Am. Indian/Alaska Native | 28 (1) | 0 (0) | 28 (1) |
| 13-19 | 18 (0) | Asian | 18 (0) | 0 (0) | 18 (0) |
| 20-29 | 676 (15) | Black or African American | 1069 (24) | 11 (44) | 1080 (25) |
| 30-39 | 1855 (42) | Native Hawaiian/Pacific Is. | 4 (0) | 0 (0) | 4 (0) |
| 40-49 | 1249 (28) | White | 2527 (58) | 10 (40) | 2537 (58) |
| Over 49 | 576 (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 | 4399 (100) | Total | 4374 (100) | 25 (100) | 4399 (100) |

| 4. Exposure Category | Adult/Adolescent Transmission Modes** | | |
|--|---------------------------------------|------------------|-------------------|
| | Males (%) | Females (%) | Total (%) |
| Men who have sex with men | 2712 (72) | 0 (0) | 2712 (62) |
| Injecting drug use | 488 (13) | 210 (34) | 698 (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) | 330 (53) | 405 (9) |
| Receipt of blood, components, or tissue | 13 (0) | 11 (2) | 24 (1) |
| Risk not reported/Other | 126 (3) | 68 (11) | 194 (4) |
| Total | 3753 (100) | 619 (100) | 4372 (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)
 Cumulative AIDS Cases in Clark Co., NV through 3/31/06
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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 | 107 | 73% |
| 1994 Jan -June | 169 | 113 | 67% |
| July-Dec | 142 | 87 | 61% |
| 1995 Jan -June | 162 | 89 | 55% |
| July-Dec | 200 | 90 | 45% |
| 1996 Jan -June | 160 | 60 | 38% |
| July-Dec | 157 | 48 | 31% |
| 1997 Jan -June | 157 | 56 | 36% |
| July-Dec | 118 | 37 | 31% |
| 1998 Jan -June | 107 | 31 | 29% |
| July-Dec | 103 | 31 | 30% |
| 1999 Jan -June | 100 | 24 | 24% |
| 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 | 118 | 23 | 19% |
| 2003 Jan -June | 123 | 17 | 14% |
| July-Dec | 105 | 15 | 14% |
| 2004 Jan -June | 127 | 13 | 10% |
| July-Dec | 126 | 15 | 12% |
| 2005 Jan -June | 113 | 8 | 7% |
| July-Dec | 91 | 8 | 9% |
| 2006 Jan -Apr 3 | 33 | 1 | 3% |
| ----- | ----- | ----- | ----- |
| | 4299 | 2020 | 46% |

Cumulative AIDS Cases in Clark Co. through 3/31/06
By Dates of Diagnosis and Report

04/05/2006

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 | 0 | 0 | 1 | 0 | | 13 |
| 1986 | 2 | 3 | 3 | 1 | 2 | 5 | 3 | 4 | 0 | 2 | 2 | 0 | 0 | | 35 |
| 1987 | 4 | 9 | 6 | 1 | 4 | 6 | 3 | 6 | 3 | 4 | 4 | 4 | 0 | | 68 |
| 1988 | 7 | 5 | 13 | 6 | 6 | 8 | 9 | 9 | 5 | 10 | 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 | 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 | 34 | 26 | 21 | 44 | 26 | 46 | 34 | 29 | 1 | | 362 |
| 1996 | 28 | 35 | 24 | 31 | 16 | 25 | 24 | 32 | 24 | 23 | 21 | 33 | 1 | | 317 |
| 1997 | 34 | 27 | 24 | 26 | 27 | 18 | 16 | 24 | 19 | 20 | 23 | 16 | 1 | | 275 |
| 1998 | 16 | 20 | 27 | 14 | 12 | 17 | 9 | 19 | 20 | 17 | 23 | 15 | 1 | | 210 |
| 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 | 25 | 22 | 18 | 24 | 12 | 23 | 21 | 25 | 15 | 19 | 18 | 20 | 0 | | 242 |
| 2003 | 19 | 22 | 18 | 21 | 19 | 23 | 20 | 19 | 11 | 13 | 17 | 25 | 1 | | 228 |
| 2004 | 21 | 23 | 26 | 19 | 20 | 18 | 36 | 17 | 12 | 17 | 18 | 26 | 0 | | 253 |
| 2005 | 26 | 15 | 16 | 21 | 16 | 19 | 18 | 12 | 13 | 14 | 18 | 16 | 0 | | 204 |
| 2006 | 18 | 11 | 4 | 0 | | | | | | | | | 0 | | 33 |

| 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 | 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 |

HARS Reporting S
Cumulative Deaths in Clark Co.

| death | freq |
|------------|------|
| | 4438 |
|: .. | 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 | 97 |
| 1997: 1-12 | 77 |
| 1998: 1-12 | 54 |
| 1999: 1-12 | 72 |
| 2000: 1-12 | 48 |
| 2001: 1-12 | 42 |
| 2002: 1-12 | 54 |
| 2003: 1-12 | 54 |
| 2004: 1-12 | 46 |
| 2005: 1-12 | 36 |
| 2006: 1-12 | 7 |