

OFFICE OF AIDS



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

Surveillance Update

April 2005

CLARK COUNTY

HEALTH DISTRICT

Acquired Immunodeficiency Syndrome (AIDS)
HIV Infections in Clark County, NV through 04/2005
Surveillance Report - 05/05/2005

| 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 | 2894 (100) | 218 (8) | 20 (100) | 1 (5) | 2914 (100) | 219 (8) |
| Total | 2894 (100) | 218 (8) | 20 (100) | 1 (5) | 2914 (100) | 219 (8) |

| 2. Age * | Cases (%) | 3. Race/Ethnicity | Adult/Adolescent * | | Pediatric * | | Total | |
|--------------|-------------------|---|--------------------|-----------------|-------------------|------------|-------|--|
| | | | Cases (%) | Cases (%) | Cases (%) | Cases (%) | | |
| Under 5 | 19 (1) | Hispanic - All Races | 411 (14) | 4 (20) | 415 (14) | | | |
| 5-12 | 1 (0) | Not Hispanic - Am. Indian/Alaska Native | 18 (1) | 0 (0) | 18 (1) | | | |
| 13-19 | 53 (2) | Asian | 7 (0) | 0 (0) | 7 (0) | | | |
| 20-29 | 924 (32) | Black or African American | 742 (26) | 9 (45) | 751 (26) | | | |
| 30-39 | 1156 (40) | Native Hawaiian/Pacific Is. | 3 (0) | 0 (0) | 3 (0) | | | |
| 40-49 | 559 (19) | White | 1665 (58) | 7 (35) | 1672 (57) | | | |
| Over 49 | 202 (7) | Legacy Asian/Pacific Is. | 41 (1) | 0 (0) | 41 (1) | | | |
| Unknown | 0 (0) | Multi-race | 2 (0) | 0 (0) | 2 (0) | | | |
| | | Unknown | 5 (0) | 0 (0) | 5 (0) | | | |
| Total | 2914 (100) | Total | 2894 (100) | 20 (100) | 2914 (100) | | | |

| 4. Exposure Category | Adult/Adolescent Transmission Modes | | |
|--|-------------------------------------|------------------|-------------------|
| | Males (%) | Females (%) | Total (%) |
| Men who have sex with men | 1501 (64) | 0 (0) | 1501 (52) |
| Injecting drug use | 204 (9) | 116 (22) | 320 (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 | 54 (2) | 242 (45) | 296 (10) |
| Receipt of blood, components, or tissue | 2 (0) | 4 (1) | 6 (0) |
| Risk not reported/Other | 432 (18) | 170 (32) | 602 (21) |
| Total | 2362 (100) | 532 (100) | 2894 (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 | 1045 (25) | 758 (73) | 7 (28) | 4 (57) | 1052 (25) | 762 (72) |
| Other Disease w/o PCP | 1049 (25) | 673 (64) | 18 (72) | 10 (56) | 1067 (25) | 683 (64) |
| KS Alone | 87 (2) | 52 (60) | 0 (0) | 0 (.) | 87 (2) | 52 (60) |
| No Diseases Listed | 2002 (48) | 464 (23) | 0 (0) | 0 (.) | 2002 (48) | 464 (23) |
| Total | 4183 (100) | 1947 (47) | 25 (100) | 14 (56) | 4208 (100) | 1961 (47) |

| 2. Age * | Cases (%) | 3. Race/Ethnicity | Adult/Adolescent * | Pediatric * | Total |
|--------------|-------------------|---|--------------------|-----------------|-------------------|
| | | | Cases (%) | Cases (%) | Cases (%) |
| Under 5 | 21 (0) | Hispanic - All Races | 634 (15) | 4 (16) | 638 (15) |
| 5-12 | 4 (0) | Not Hispanic - Am. Indian/Alaska Native | 27 (1) | 0 (0) | 27 (1) |
| 13-19 | 17 (0) | Asian | 11 (0) | 0 (0) | 11 (0) |
| 20-29 | 649 (15) | Black or African American | 1015 (24) | 11 (44) | 1026 (24) |
| 30-39 | 1798 (43) | Native Hawaiian/Pacific Is. | 2 (0) | 0 (0) | 2 (0) |
| 40-49 | 1173 (28) | White | 2439 (58) | 10 (40) | 2449 (58) |
| Over 49 | 546 (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 | 4208 (100) | Total | 4183 (100) | 25 (100) | 4208 (100) |

| 4. Exposure Category | Adult/Adolescent Transmission Modes** | | |
|--|---------------------------------------|------------------|-------------------|
| | Males (%) | Females (%) | Total (%) |
| Men who have sex with men | 2613 (73) | 0 (0) | 2613 (62) |
| Injecting drug use | 473 (13) | 205 (35) | 678 (16) |
| Men who have sex with men and inject drugs | 328 (9) | 0 (0) | 328 (8) |
| Hemophilia/coagulation disorder | 4 (0) | 0 (0) | 4 (0) |
| Heterosexual contact | 74 (2) | 317 (54) | 391 (9) |
| Receipt of blood, components, or tissue | 12 (0) | 11 (2) | 23 (1) |
| Risk not reported/Other | 92 (3) | 52 (9) | 144 (3) |
| Total | 3596 (100) | 585 (100) | 4181 (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 |
|---------------------------|--------------------|---------------------|-----------------------|
| <hr/> | | | |
| 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 | 142 | 85 | 60% |
| 1995 Jan -June | 162 | 88 | 54% |
| July-Dec | 200 | 89 | 45% |
| 1996 Jan -June | 159 | 58 | 36% |
| July-Dec | 156 | 47 | 30% |
| 1997 Jan -June | 157 | 51 | 32% |
| July-Dec | 118 | 35 | 30% |
| 1998 Jan -June | 106 | 31 | 29% |
| July-Dec | 103 | 29 | 28% |
| 1999 Jan -June | 100 | 22 | 22% |
| July-Dec | 108 | 22 | 20% |
| 2000 Jan -June | 116 | 25 | 22% |
| July-Dec | 102 | 21 | 21% |
| 2001 Jan -June | 87 | 17 | 20% |
| July-Dec | 103 | 19 | 18% |
| 2002 Jan -June | 121 | 25 | 21% |
| July-Dec | 118 | 22 | 19% |
| 2003 Jan -June | 124 | 15 | 12% |
| July-Dec | 105 | 13 | 12% |
| 2004 Jan -June | 127 | 11 | 9% |
| July-Dec | 122 | 10 | 8% |
| 2005 Jan -May 5 | 54 | 2 | 4% |
| <hr/> | | | |
| Totals | 4208 | 1961 | 47% |

| death | freq |
|------------|------|
| | 2277 |
| | 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 | 60 |
| 2005: 1-12 | 16 |