

OFFICE OF AIDS



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

Surveillance Update

November 2005



Acquired Immunodeficiency Syndrome (AIDS)
HIV Infections in Clark County, NV through 11/2005
Surveillance Report - 12/02/2005

| 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 | 2996 (100) | 221 (7) | 20 (100) | 1 (5) | 3016 (100) | 222 (7) |
| Total | 2996 (100) | 221 (7) | 20 (100) | 1 (5) | 3016 (100) | 222 (7) |

| 2. Age * | Cases (%) | 3. Race/Ethnicity | Adult/Adolescent * | Pediatric * | Total |
|--------------|-------------------|-----------------------------------------|--------------------|-----------------|-------------------|
| | | | Cases (%) | Cases (%) | Cases (%) |
| Under 5 | 19 (1) | Hispanic - All Races | 444 (15) | 4 (20) | 448 (15) |
| 5-12 | 1 (0) | Not Hispanic - Am. Indian/Alaska Native | 18 (1) | 0 (0) | 18 (1) |
| 13-19 | 53 (2) | Asian | 9 (0) | 0 (0) | 9 (0) |
| 20-29 | 953 (32) | Black or African American | 761 (25) | 9 (45) | 770 (26) |
| 30-39 | 1194 (40) | Native Hawaiian/Pacific Is. | 4 (0) | 0 (0) | 4 (0) |
| 40-49 | 583 (19) | White | 1711 (57) | 7 (35) | 1718 (57) |
| Over 49 | 213 (7) | Legacy Asian/Pacific Is. | 39 (1) | 0 (0) | 39 (1) |
| Unknown | 0 (0) | Multi-race | 2 (0) | 0 (0) | 2 (0) |
| | | Unknown | 8 (0) | 0 (0) | 8 (0) |
| Total | 3016 (100) | Total | 2996 (100) | 20 (100) | 3016 (100) |

| 4. Exposure Category | Adult/Adolescent Transmission Modes | | |
|--------------------------------------------|-------------------------------------|------------------|-------------------|
| | Males (%) | Females (%) | Total (%) |
| Men who have sex with men | 1564 (64) | 0 (0) | 1564 (52) |
| Injecting drug use | 207 (8) | 118 (22) | 325 (11) |
| Men who have sex with men and inject drugs | 162 (7) | 0 (0) | 162 (5) |
| Hemophilia/coagulation disorder | 4 (0) | 0 (0) | 4 (0) |
| Heterosexual contact | 57 (2) | 240 (44) | 297 (10) |
| Receipt of blood, components, or tissue | 2 (0) | 5 (1) | 7 (0) |
| Risk not reported/Other | 457 (19) | 180 (33) | 637 (21) |
| Total | 2453 (100) | 543 (100) | 2996 (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 | 1061 (25) | 766 (72) | 7 (28) | 4 (57) | 1068 (25) | 770 (72) |
| Other Disease w/o PCP | 1069 (25) | 683 (64) | 18 (72) | 10 (56) | 1087 (25) | 693 (64) |
| KS Alone | 87 (2) | 52 (60) | 0 (0) | 0 (.) | 87 (2) | 52 (60) |
| No Diseases Listed | 2059 (48) | 483 (23) | 0 (0) | 0 (.) | 2059 (48) | 483 (23) |
| Total | 4276 (100) | 1984 (46) | 25 (100) | 14 (56) | 4301 (100) | 1998 (46) |

| 2. Age * | Cases (%) | 3. Race/Ethnicity | Adult/Adolescent * | Pediatric * | Total |
|--------------|-------------------|-----------------------------------------|--------------------|-----------------|-------------------|
| | | | Cases (%) | Cases (%) | Cases (%) |
| Under 5 | 21 (0) | Hispanic - All Races | 653 (15) | 4 (16) | 657 (15) |
| 5-12 | 4 (0) | Not Hispanic - Am. Indian/Alaska Native | 27 (1) | 0 (0) | 27 (1) |
| 13-19 | 17 (0) | Asian | 15 (0) | 0 (0) | 15 (0) |
| 20-29 | 661 (15) | Black or African American | 1041 (24) | 11 (44) | 1052 (24) |
| 30-39 | 1822 (42) | Native Hawaiian/Pacific Is. | 3 (0) | 0 (0) | 3 (0) |
| 40-49 | 1215 (28) | White | 2482 (58) | 10 (40) | 2492 (58) |
| Over 49 | 561 (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 | 4301 (100) | Total | 4276 (100) | 25 (100) | 4301 (100) |

| 4. Exposure Category | Adult/Adolescent Transmission Modes** | | |
|--------------------------------------------|---------------------------------------|------------------|-------------------|
| | Males (%) | Females (%) | Total (%) |
| Men who have sex with men | 2653 (72) | 0 (0) | 2653 (62) |
| Injecting drug use | 481 (13) | 206 (34) | 687 (16) |
| Men who have sex with men and inject drugs | 334 (9) | 0 (0) | 334 (8) |
| Hemophilia/coagulation disorder | 4 (0) | 0 (0) | 4 (0) |
| Heterosexual contact | 75 (2) | 325 (54) | 400 (9) |
| Receipt of blood, components, or tissue | 13 (0) | 11 (2) | 24 (1) |
| Risk not reported/Other | 111 (3) | 61 (10) | 172 (4) |
| Total | 3671 (100) | 603 (100) | 4274 (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)
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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 | 200 | 89 | 45% |
| 1996 Jan -June | 160 | 60 | 38% |
| July-Dec | 156 | 47 | 30% |
| 1997 Jan -June | 157 | 53 | 34% |
| 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 | 118 | 22 | 19% |
| 2003 Jan -June | 124 | 17 | 14% |
| July-Dec | 105 | 13 | 12% |
| 2004 Jan -June | 127 | 12 | 9% |
| July-Dec | 124 | 13 | 10% |
| 2005 Jan -June | 102 | 7 | 7% |
| July-Dec 2 | 40 | 2 | 5% |
| ----- | ----- | ----- | ----- |

Totals

4301

1998

46%

AIDS Cases in Clark County, NV through 11/2005

By Dates of Diagnosis and Report

12/09/2005

All Reported Cases

Date of Diagnosis

| | Jan | Feb | Mar | Apr | May | Jun | Jly | Aug | Sep | Oct | Nov | Dec | Unk | Total |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 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 | 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 | 23 | 23 | 21 | 33 | 1 | 316 |
| 1997 | 34 | 27 | 24 | 26 | 27 | 18 | 16 | 24 | 19 | 20 | 23 | 16 | 1 | 275 |
| 1998 | 16 | 20 | 26 | 14 | 12 | 17 | 9 | 19 | 20 | 17 | 23 | 15 | 1 | 209 |
| 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 | 20 | 18 | 19 | 0 | 242 |
| 2003 | 19 | 22 | 18 | 22 | 19 | 23 | 20 | 19 | 11 | 13 | 17 | 25 | 1 | 229 |
| 2004 | 21 | 23 | 26 | 19 | 20 | 18 | 36 | 17 | 12 | 17 | 18 | 24 | 0 | 251 |
| 2005 | 26 | 15 | 15 | 19 | 12 | 15 | 13 | 8 | 9 | 8 | 2 | 0 | 0 | 142 |

Date of Report

| | Jan | Feb | Mar | Apr | May | Jun | Jly | Aug | Sep | Oct | Nov | Dec | Total |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 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 |
| 2004 | 19 | 21 | 41 | 30 | 16 | 20 | 27 | 17 | 13 | 17 | 13 | 16 | 250 |
| 2005 | 23 | 30 | 17 | 23 | 22 | 13 | 12 | 1 | 9 | 12 | 11 | 0 | 173 |