

# HIV/AIDS Surveillance Report

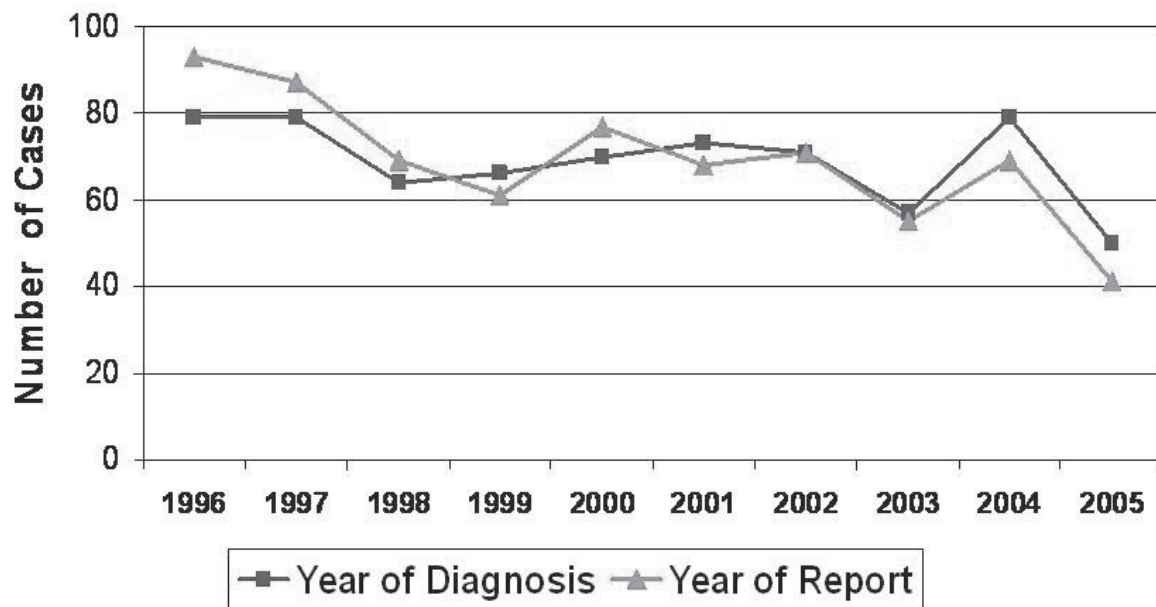
## END OF YEAR REPORT - Revised November 7, 2006

Volume 11

Contains data from reports received through December 31, 2005

Number 1

### Number of Newly Diagnosed AIDS Cases Nebraska, 1996 to 2005



The data used in this edition of the HIV/AIDS Surveillance Report has been modified to reflect data by date of diagnosis instead of date of report, which has been used in the past

The chart above illustrates the variation in the numbers, depending on which method is chosen. Date of diagnosis is used to look at trends over time. Date of report is useful to look at the numbers actually reported in a given year. Numbers by date of report are static - they do not change from year to year compared to the numbers by year of diagnosis, which change whenever a new case is added.

The decision to switch to presenting the numbers by date of diagnosis was made to allow researchers to use the numbers to look at trends over time.

For any questions about this information, you may contact Nebraska's HIV Surveillance program at 402-471-0360.

## HIV Disease Cases (not AIDS)<sup>b</sup>

| DEMOGRAPHIC CATEGORIES         |                                 | YEAR OF DIAGNOSIS |           |           |           |           | CUMULATIVE TOTAL |            |
|--------------------------------|---------------------------------|-------------------|-----------|-----------|-----------|-----------|------------------|------------|
|                                |                                 | Pre-2002          | 2002      | 2003      | 2004      | 2005      | Number           | %          |
| <b>S E X</b>                   | Male                            | 340               | 27        | 28        | 26        | 30        | 451              | 76         |
|                                | Female                          | 103               | 14        | 9         | 16        | 20        | 162              | 24         |
| <b>A G E</b>                   | under 5 yrs.                    | *                 | *         | *         | *         | *         | 7                | 1          |
|                                | 5 to 12 yrs.                    | *                 | *         | *         | *         | *         | 3                | 1          |
|                                | 13 to 19 yrs.                   | 14                | *         | *         | 4         | *         | 22               | 4          |
|                                | 20 to 29 yrs.                   | 155               | 15        | 9         | 14        | 23        | 216              | 34         |
|                                | 30 to 39 yrs.                   | 177               | 17        | 13        | 13        | 17        | 237              | 39         |
|                                | 40 to 49 yrs.                   | 72                | 7         | 7         | 8         | 5         | 99               | 16         |
|                                | 50 yrs. and older               | 20                | *         | *         | *         | *         | 29               | 5          |
| <b>R A C E</b>                 | White                           | 281               | 15        | 19        | 17        | 23        | 355              | 60         |
|                                | Black                           | 102               | 14        | 11        | 18        | 19        | 164              | 25         |
|                                | Hispanic                        | 45                | 10        | 4         | 4         | 5         | 68               | 11         |
|                                | Asian                           | *                 | *         | *         | *         | *         | 10               | 1          |
|                                | Native American                 | 11                | *         | *         | *         | *         | 16               | 3          |
|                                | Other/Unknown                   | *                 | *         | *         | *         | *         | 0                | 0          |
| <b>R I S K</b>                 | Men who have sex with men (MSM) | 203               | 14        | 16        | 10        | 15        | 258              | 43         |
|                                | Injecting drug use (IDU)        | 43                | 4         | *         | 5         | *         | 54               | 9          |
|                                | MSM/IDU                         | 25                | 4         | *         | 4         | *         | 37               | 6          |
|                                | Adult treatment for hemophilia  | 4                 | *         | *         | *         | *         | 4                | 1          |
|                                | Transfusion                     | 4                 | *         | *         | *         | *         | 8                | 1          |
|                                | Heterosexual Contact            | 82                | 4         | 4         | 6         | 4         | 100              | 17         |
|                                | Pediatric                       | 5                 | *         | *         | *         | *         | 10               | 1          |
|                                | Risk Not Identified             | 77                | 15        | 12        | 16        | 22        | 142              | 21         |
| <b>TOTAL HIV CASES BY YEAR</b> |                                 | <b>443</b>        | <b>41</b> | <b>37</b> | <b>42</b> | <b>50</b> | <b>613</b>       | <b>100</b> |

\*Total number of reported HIV or AIDS cases are three or less. Number of cases less than 4 are not entered to protect the privacy of individuals with HIV disease.

<sup>a</sup>Cases reported during any given year may have been diagnosed in previous years, therefore these data are not suitable for trend analysis.

<sup>b</sup>The total for each demographic category equals the total shown at the bottom of each column.

<sup>c</sup>The effective date for HIV reporting in Nebraska was July 10, 1995; implementation of active HIV surveillance was September, 1995.

### Technical Notes:

This table represents unduplicated counts of persons reported with HIV infection (not yet AIDS) from hospitals, physicians and laboratories. It may not include all persons living in Nebraska who have HIV infection. CDC estimates that 25% of all persons with HIV infection have not sought testing and are unaware of their status.

These numbers do not include those persons who have chosen to be tested anonymously at State-funded counseling and testing sites.

Some HIV cases diagnosed prior to 1995 are included in this table. They represent persons who sought testing and/or treatment in Nebraska prior to the implementation of HIV reporting in 1995. These numbers may not represent all such persons, since retroactive reporting is voluntary on the part of hospitals, physicians and laboratories.

If the initial report by a physician indicated that the patient at that time had AIDS, that person is included in the AIDS Morbidity table on the next page.

When a person is initially reported with HIV infection, then later diagnosed with AIDS, that person is deleted from this table and added to the AIDS table on the next page.

### In the Risk Categories

Heterosexual Contact includes heterosexual persons who know that one or more of their sex partners:

- used injection drugs,
- is a man who had sex with men,
- is a person with hemophilia,
- received blood transfusion or transplant and is diagnosed with HIV or AIDS,
- or is a person diagnosed with HIV or AIDS, risk not specified

Pediatric includes persons less than 13 years of age.

Risk not identified includes:

- persons whose risk was not identified at time of initial report,
- persons who died before risk could be determined,
- persons who were lost to follow-up,
- persons who declined interview, and
- persons who do not report one of the other exposures after interview

Sometimes two or more exposures are reported for one case. This table is consistent with the CDC hierarchy of exposures.

## How to Report HIV/AIDS/CD4+ Counts

### Physicians, hospitals and labs in Douglas County:

send reports to:

Epidemiologist  
Douglas County Health Department  
1819 Farnam Street, Room 401  
Omaha, Nebraska 68183

**To be opened by addressee only**

For information call: 402-444-7214

### Physicians, hospitals and labs in Lancaster County:

send reports to:

Communicable Disease Coordinator  
Lincoln-Lancaster County Health Department  
3140 N Street  
Lincoln, Nebraska 68510-1514

**To be opened by addressee only**

For information call: 402-441-8053

### Physicians, hospitals and labs in all other counties:

send reports to:

Nebraska Department of Health & Human Services  
Tina Brubaker, Surveillance Coordinator  
Department of Regulation & Licensure  
Communicable Disease  
P.O. Box 95007  
Lincoln, Nebraska 68509-5007

**To be opened by addressee only**

For information call: 402-471-0360

To obtain HIV reporting forms, for general surveillance information, for assistance in determining HIV/AIDS case criteria, or to initiate a report, call: Tina Brubaker at 402-471-0360

## AIDS Morbidity<sup>a,b</sup>

| DEMOGRAPHIC CATEGORIES   |                                  | YEAR OF DIAGNOSIS |      |      |      |      |      |      |      | CUMULATIVE TOTAL |     |
|--------------------------|----------------------------------|-------------------|------|------|------|------|------|------|------|------------------|-----|
|                          |                                  | Pre-1999          | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | Number           | %   |
| SEX                      | Male                             | 814               | 53   | 50   | 62   | 53   | 47   | 59   | 33   | 1171             | 85  |
|                          | Female                           | 114               | 13   | 20   | 11   | 18   | 10   | 20   | 17   | 223              | 15  |
| AGE                      | under 5 yrs.                     | 8                 | *    | *    | *    | *    | *    | *    | *    | 10               | 1   |
|                          | 5 to 12 yrs.                     | *                 | *    | *    | *    | *    | *    | *    | *    | 1                | 0   |
|                          | 13 to 19 yrs.                    | 7                 | *    | *    | *    | *    | *    | *    | *    | 10               | 1   |
|                          | 20 to 29 yrs.                    | 211               | 8    | 11   | 18   | 6    | 8    | 17   | 6    | 285              | 21  |
|                          | 30 to 39 yrs.                    | 429               | 35   | 35   | 26   | 35   | 29   | 28   | 24   | 641              | 46  |
|                          | 40 to 49 yrs.                    | 201               | 14   | 19   | 18   | 20   | 15   | 25   | 11   | 323              | 22  |
|                          | 50 yrs. and older                | 71                | 8    | 5    | 10   | 10   | 5    | 7    | 8    | 124              | 9   |
| RACE                     | White                            | 687               | 43   | 35   | 32   | 34   | 24   | 32   | 27   | 914              | 66  |
|                          | Black                            | 161               | 11   | 18   | 25   | 29   | 16   | 24   | 14   | 298              | 21  |
|                          | Hispanic                         | 66                | 10   | 15   | 14   | 5    | 13   | 17   | 9    | 149              | 10  |
|                          | Asian                            | *                 | *    | *    | *    | *    | *    | *    | *    | 12               | 1   |
|                          | Native American                  | 11                | *    | *    | *    | *    | *    | *    | *    | 19               | 1   |
|                          | Other/Unknown/Multi-Not Hispanic | *                 | *    | *    | *    | *    | *    | *    | *    | 2                | 0   |
| RISK                     | Men who have sex with men (MSM)  | 530               | 30   | 30   | 28   | 27   | 21   | 30   | 11   | 707              | 52  |
|                          | Injecting drug use (IDU)         | 91                | 4    | 13   | 9    | 10   | 7    | 7    | 6    | 147              | 11  |
|                          | MSM/IDU                          | 93                | 7    | *    | 7    | 6    | 4    | *    | *    | 124              | 9   |
|                          | Adult treatment for hemophilia   | 31                | *    | *    | *    | *    | *    | *    | *    | 32               | 2   |
|                          | Transfusion                      | 20                | *    | *    | *    | *    | *    | *    | *    | 26               | 2   |
|                          | Heterosexual Contact             | 78                | 15   | 12   | 7    | 8    | 10   | 9    | 5    | 144              | 10  |
|                          | Pediatric                        | 14                | *    | *    | *    | *    | *    | *    | *    | 18               | 1   |
|                          | Risk Not Identified              | 71                | 6    | 13   | 20   | 19   | 15   | 27   | 25   | 196              | 13  |
| TOTAL AIDS CASES BY YEAR |                                  | 928               | 66   | 70   | 73   | 71   | 57   | 79   | 50   | 1394             | 100 |

<sup>a</sup>Total number of reported HIV or AIDS cases are three or less. Number of cases less than 4 are not entered to protect the privacy of individuals with HIV disease.

<sup>b</sup>Cases reported during any given year may have been diagnosed in previous years, therefore these data are not suitable for trend analysis.

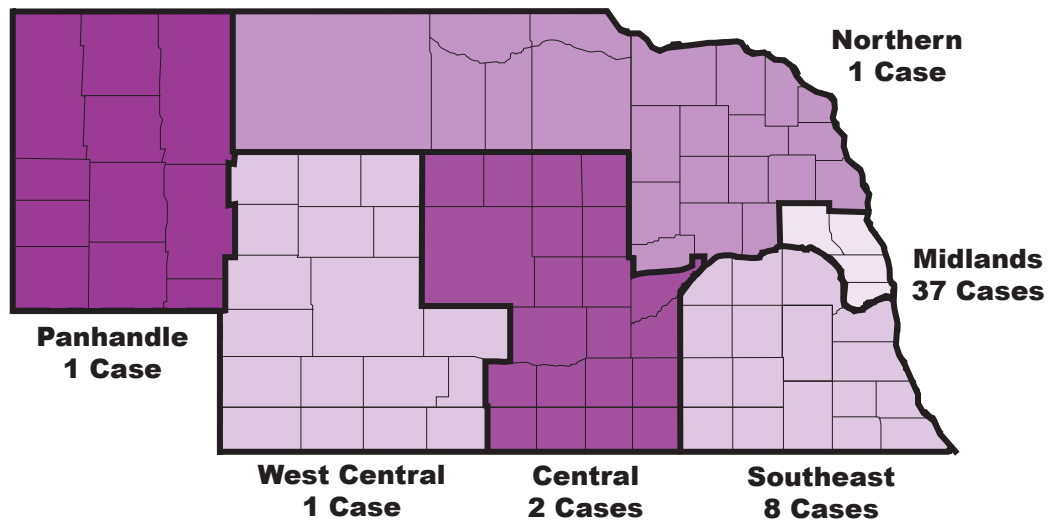
<sup>c</sup>The total for each demographic category equals the total for each column.

Data collection and publication are made possible through funding from The Centers for Disease Control and Prevention,  
U.S. Department of Health & Human Services, under Cooperative Agreement U62/CCU706242

## Patient Status

| STATUS                   | Pre-1999 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | CUMULATIVE TOTAL |
|--------------------------|----------|------|------|------|------|------|------|------|------------------|
| Known to be Dead         | 649      | 14   | 16   | 14   | 10   | 7    | 4    | 8    | 722              |
| Alive/Status Unknown     | 279      | 52   | 54   | 59   | 61   | 50   | 75   | 42   | 672              |
| TOTAL AIDS CASES BY YEAR | 928      | 66   | 70   | 73   | 71   | 57   | 79   | 50   | 1394             |

## Number of HIV Cases Reported in Nebraska in 2005 by Health Planning Region



**Statewide Total = 50 cases**

The number of cases per region represents Nebraska residents newly diagnosed with HIV infection who were reported in 2005. There may be other previously diagnosed HIV cases living in a region.

HIV/AIDS Surveillance Program  
Nebraska Department of Health and Human Services  
- Regulation & Licensure

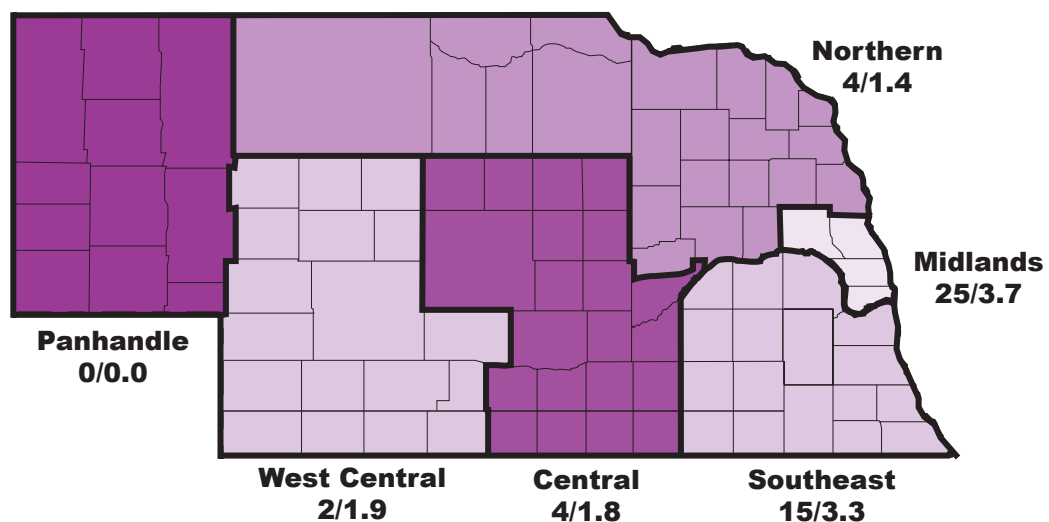
Rates are calculated by dividing the total number of HIV infections or reported AIDS cases which occurred in the population during a specified period of time (*i.e.*, the numerator) by the total population (*i.e.*, the denominator) and then multiplied by 100,000.

Rates *cannot* be calculated for HIV because the number of HIV cases reported is incomplete and represents only the number of persons found to be HIV-infected by confidential HIV-antibody testing. These numbers do not include HIV-infected persons who have tested anonymously or who have not sought testing.

Rates *can* be calculated for AIDS incidence because most persons with AIDS seek medical care and are then reported as cases by their health professionals. Therefore, because of the completeness of reporting, the number of reported AIDS cases is considered representative of all persons *with AIDS* in Nebraska.

In order to provide a *minimum* estimate of the number of persons in Nebraska known to be HIV infected as of a certain date, HIV reporting data and AIDS data (including mortality data), as of that date, can be added together.

## Number and Crude Rates of AIDS Cases Reported in Nebraska in 2005 by Health Planning Region



**N = 50** /  
**# cases** /

**Rate = 2.9**  
**Overall Crude Rate per 100,000 population**

The number of cases per region represents Nebraska residents newly diagnosed with AIDS who were reported in 2005. There may be other previously diagnosed AIDS cases living in a region.

HIV/AIDS Surveillance Program  
Nebraska Department of Health and Human Services  
- Regulation & Licensure

## Confidential and Anonymous HIV Testing Options:

“A person seeking a human immunodeficiency virus test shall have the right to remain anonymous. A health care provider shall confidentially refer such person to a site which provides anonymous testing.” (Nebraska Revised Statute 71-531, Section 3 - note exceptions)

Both confidential (with name) and anonymous testing (without name) are allowed **at** state-funded **Counseling, Testing, Referral and Partner Counseling (CTR/PCRS) sites**. Physicians ordering HIV testing in all other settings may offer confidential testing only but can refer patients to CTRPN sites for anonymous testing at the patient’s request.

Anonymous test results are not included in Nebraska’s HIV/AIDS *Morbidity/Mortality Report*. CDC does not accept anonymous test results as cases.

### Locations of CTRPN Sites in Nebraska

|              |   |              |
|--------------|---|--------------|
| Alliance     | Western Community Health Resources                          | 308-762-3696 |
| Chadron      | Western Community Health Resources                          | 308-432-2747 |
| Chadron      | Western Community Health Resources*                         | 308-432-8979 |
| Columbus     | East Central District County Health Department              | 402-562-9000 |
| Crawford     | Western Community Health Resources                          | 308-665-1770 |
| Gering       | Panhandle Community Health Services*                        | 308-632-2540 |
| Gordon       | Western Community Health Resources                          | 308-282-6128 |
| Grand Island | Central Health Center *                                     | 308-384-7625 |
| Hastings     | Hastings Family Planning*                                   | 402-463-5687 |
| Kearney      | Central Health Center *                                     | 308-234-9140 |
| Kearney      | Nebraska AIDS Project                                       | 308-338-8308 |
| Lexington    | Central Health Center                                       | 308-324-6944 |
| Lincoln      | University Health Center                                    | 402-472-7447 |
| Lincoln      | Lincoln-Lancaster County Health Department*                 | 402-441-8065 |
| Macy         | Carl T. Curtis Health Center (Tribal Members)               | 402-837-5381 |
| McCook       | Peoples Family Health Services                              | 308-345-3626 |
| Norfolk      | Nebraska AIDS Project                                       | 402-370-4238 |
| North Platte | Region II Drug and Alcohol (Great Plains Reg. Medical Ctr.) | 308-535-7290 |
| North Platte | People’s Family Health Services*                            | 308-534-3075 |
| North Platte | West Central District Health Department                     | 308-696-1201 |
| Omaha        | Charles Drew Health Clinic*                                 | 402-453-1433 |
| Omaha        | Douglas County Health Department*                           | 402-444-7750 |
| Omaha        | Nebraska AIDS Project                                       | 402-552-9260 |
| Omaha        | UNO Student Health* (STD Services)                          | 402-554-2743 |
| Ogalalla     | People’s Family Health*                                     | 308-284-6141 |

\*STD Services Available

### List of Most Current Sites are Available at:

[http://www.hhss.ne.gov/dpc/HIV\\_Testing\\_Sites.htm](http://www.hhss.ne.gov/dpc/HIV_Testing_Sites.htm)

Department of Regulation and Licensure  
 Communicable Disease  
 HIV/AIDS Surveillance  
 301 Centennial Mall South  
 P.O. Box 95007  
 Lincoln, NE 68509-5007

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This Report is available on the web at [www.hhss.ne.gov/dpc/hiv.htm](http://www.hhss.ne.gov/dpc/hiv.htm)

For information about preventing HIV disease, contact the Nebraska Department of Health & Human Services HIV/AIDS Prevention Program at 402-471-9098.

Nebraska Department of Health and Human Services - Regulation & Licensure  
 HIV/AIDS Surveillance Program

\*Based on 2004 estimate of U.S. Population

