



# KANSAS HIV/STD SURVEILLANCE UPDATE

Kansas Department of Health and Environment, Bureau of Epidemiology and Disease Prevention

The Kansas AIDS Ribbon was designed by the Kansas Capitol Chapter of the American Red Cross to raise hope and awareness in the state of Kansas and support the fight against HIV/AIDS.

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***“According to...CDC, “from 1994 through 1999, an estimated 43,089 (41%) had HIV diagnosed late.” Comparatively, the statistics for Kansas indicate that 57 percent of HIV cases are converting to AIDS within one year. These statistics indicate a need for improvement of prevention activities that aim to encourage earlier testing...”***

See page 2 for Article “Kansas 2002 - HIV/AIDS Reportable Disease Summary.”

The Kansas HIV/STD Surveillance Newsletter along with additional information may be obtained from our web site:  
<http://www.kdhe.state.ks.us/hiv-std>

Printed copies of this newsletter are available upon request.

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## Our Mission:

The HIV/STD section works to promote public health and enhance the quality of life for Kansas residents by the prevention, intervention, and treatment of HIV and other STDs. The mission will be accomplished through policy and resource development, clinical data collection and analysis, research, education, prevention programs, disease detection, and the provision of treatment and clinical care services.

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## **Reported Early Syphilis Infections in Kansas between 12-01-02 and 06-30-2003**

Thirty-one cases of early syphilis were reported from December 1, 2002 to June 30, 2003 in Kansas. Syphilis control and prevention within this time period focused on early syphilis in Wyandotte and Johnson County or the Kansas City area. There were fourteen early syphilis cases reported in Wyandotte County from December 1, 2002 to June 30, 2003 and another eleven early syphilis cases reported in Johnson County in the same time period. All but one of the cases in the Kansas City area were associated with illicit drugs and or prostitution.

Seventeen of the twenty-five early syphilis cases reported in the Kansas City area in this time frame were diagnosed as primary and secondary cases. There were ten secondary and seven primary syphilis diagnoses. The activity in Wyandotte County has risen rapidly because of increased interaction between prostitutes and Hispanic male immigrants. The population of immigrants with Hispanic ethnicity has been increasing over the last couple of years in Wyandotte County. Areas within Wyandotte County have had long histories of low levels of endemic syphilis. These areas have been centers for both illicit drugs and prostitution. Early syphilis in Wyandotte County is a major concern for future morbidity.

The Johnson County cluster of syphilis cases probably originated from sexual contact with individuals from Wyandotte County (interviews have demonstrated linkages) and introduced into this social group with relatively dense sexual networks. Crack cocaine use was a major cofactor for this social network. There is no previous history of syphilis in this sub-population. There are indications that the intense syphilis interventions in January and February have had an impact on this social group. Johnson County has not reported a new case of early syphilis since April 10<sup>th</sup>.

## KANSAS 2002 - HIV/AIDS REPORTABLE DISEASE SUMMARY

| AIDS <sup>a</sup>                                  |                  |
|--|------------------|
| 2002 Case Total                                    | 55               |
| Kansas Rate  | 2.1 per 100,000  |
| U.S. Rate (2001) <sup>b</sup>                      | 14.9 per 100,000 |
| <i>Rate by Gender</i>                              |                  |
| Female   | 0.7 per 100,000  |
| Male   | 3.5 per 100,000  |
| <i>Rate by race/ethnicity</i>                      |                  |
| White (not Hispanic)                               | 1.5 per 100,000  |
| Black  | 7.1 per 100,000  |
| Asian/Pacific Islander                             | 0.0 per 100,000  |
| American Indian                                    | 8.0 per 100,000  |
| Hispanic   | 3.7 per 100,000  |
| <i>Kansas Rate by geographic area <sup>c</sup></i> |                  |
| Urban  | 2.9 per 100,000  |
| Rural  | 1.2 per 100,000  |

a. All rates based on cases reported in 2002 with the Census 2000 population figures as the denominator.

b. Centers for Disease Control and Prevention *HIV/AIDS Surveillance Report* 2001; 13 (No. 2):[1-44].

c. Urban is defined to be the five most populated counties (Sedgwick, Johnson, Shawnee, Wyandotte, and Douglas).

At the end of 2002, the state of Kansas HIV/STD Surveillance Program reported 1,003 individuals presumed to be living in Kansas and infected with AIDS. Included in the 1,003 cases are 55 new cases for 2002. The associated rate of infection for the new cases based on the entire state population is 2.1 per 100,000. The overall rate for the US in 2001 was 14.9 per 100,000. Comparisons between these two rates should be made with caution considering the demographic characteristics of Kansas. This database is fluid in nature and these numbers represent the best possible count as of 12/31/2002.

The age (at diagnosis) distribution for new cases from 2002 includes individuals ranging from 21 to 55 years old, with a

median age of 36. Rates by race/ethnicity illustrate trends similar to the national rates. However, the small minority populations in Kansas make it difficult to make conclusions based on the elevated rates for Blacks and American Indians. Small fluctuations in case counts in these small populations can cause dramatic changes in the rates. The small population should therefore be considered when interpreting this data. The difference in Kansas between the males (3.5 per 100,000) and the females (0.7 per 100,000) represents the distribution of the disease burden where males account for 84 percent of all new AIDS cases in Kansas. Additionally, the five most populated counties in Kansas account for 49.5 percent of the state's population and 70 percent of the AIDS cases. The rate for these urban counties is 2.9 per 100,000 and the 100 non-urban counties in the state have a rate of 1.2 per 100,000.

One Key to improving outcomes for patients is ascertainment of cases in HIV status before conversion to AIDS. According to the 17th edition of the *Control of Communicable Diseases Manual*, edited by Dr. James Chin, "without effective anti-HIV treatment, about half of infected adults will develop AIDS within 10 years after infection." <sup>i</sup> According to a study done by Neal and Fleming (CDC), "from 1994 through 1999, an estimated 43,089 (41%) had HIV diagnosed late." <sup>ii</sup> Comparatively, the statistics for Kansas indicate that 57 percent of HIV cases are converting to AIDS within one year. These statistics indicate a need for improvement of prevention activities that aim to encourage earlier testing. Efforts to identify new cases before conversion from HIV to AIDS will improve the outcomes of the disease in Kansans. Additionally, increasing the number of persons aware of their true serostatus and equally improving access to care and prevention will likely increase the need for interventions to address newly identified cases.

| Interval between 1 <sup>st</sup> HIV positive test and AIDS diagnosis in Kansas | 2002 (percent) |
|---|----------------|
| ≤ 1 year  | 33 (56.89)     |
| 2-5 years   | 11 (18.97)     |
| > 5 years   | 14 (24.14)     |
| Total   | 58 (100)       |

Note: This table represents the total number of cases diagnosed in 2002 and therefore differs from the first table, which uses the date of report for reference.

| HIV <sup>a</sup>                                   |                  |
|--|------------------|
| 2002 Case Total                                    | 82               |
| Kansas Rate  | 3.1 per 100,000  |
| U.S. Rate (2001) <sup>b</sup>                      | 12.6 per 100,000 |
| <i>Rate by Gender</i>                              |                  |
| Female   | 1.8 per 100,000  |
| Male   | 4.4 per 100,000  |
| <i>Rate by race/ethnicity</i>                      |                  |
| White (not Hispanic)                               | 1.6 per 100,000  |
| Black  | 13.0 per 100,000 |
| Asian/Pacific Islander                             | 2.1 per 100,000  |
| American Indian                                    | 0.0 per 100,000  |
| Hispanic   | 9.0 per 100,000  |
| <i>Kansas Rate by geographic area <sup>c</sup></i> |                  |
| Urban  | 3.5 per 100,000  |
| Rural  | 2.4 per 100,000  |

a. All rates based on cases reported in 2002 with the Census 2000 population figures as the denominator.

b. Centers for Disease Control and Prevention *HIV/AIDS Surveillance Report 2001*; 13 (No. 2):[1-44].

c. Urban is defined to be the five most populated counties (Sedgwick, Johnson, Shawnee, Wyandotte, and Douglas).

At the end of 2002, the state of Kansas HIV/STD Surveillance Program reported 931 individuals presumed to be living in Kansas and infected with HIV. Included in the 931 cases are 82 new HIV cases for 2002. The associated rate of infection for the new cases based on the entire state population is 3.1 per 100,000. The overall rate for the US in 2001

was 12.6 per 100,000. Comparisons between these two rates should be made with caution considering the demographic characteristics of Kansas. This database is fluid in nature and these numbers represent the best possible count as of 12/31/2002.

The age (at diagnosis) distribution for new cases from 2002 includes individuals ranging from 0 to 67 years old, with a median age of 33. Rates by race/ethnicity illustrate trends similar to the national rates. However, the small minority populations in Kansas make it difficult to make conclusions based on the elevated rates for Blacks and Hispanics. Small fluctuations in case counts in these small populations can cause dramatic changes in the rates. The small population should therefore be considered when interpreting this data. The difference in Kansas between the males (4.4 per 100,000) and the females (1.8 per 100,000) represents the distribution of the disease burden where males account for 71 percent of all new HIV cases in Kansas. Additionally, the five most populated counties in Kansas account for 49.5 percent of the state's population and 59 percent of the HIV cases. The rate for these urban counties is 3.5 per 100,000 and the 100 non-urban counties in the state have a rate of 2.4 per 100,000.

<sup>i</sup> Chin J. *Control of Communicable Diseases Manual*, 17<sup>th</sup> Edition. Washington, DC: American Public Health Association, 2000:4.

<sup>ii</sup> Neal JJ, Fleming PL. Frequency and predictors of late HIV diagnosis in the United States, 1994 through 1999. In: Final program and abstracts of the 9<sup>th</sup> Conference on Retroviruses and Opportunistic Infections, Seattle, Washington, February 24-28, 2002. Alexandria, VA: Foundation of Retrovirology and Human Health.

### State of Kansas Reported Cases of Chlamydia by County January - June 2003

|          |         |          |          |          |          |          |           |            |              |            |            |             |
|----------|---------|----------|----------|----------|----------|----------|-----------|------------|--------------|------------|------------|-------------|
| CHEYENNE | RAWLINS | DECATUR  | NORTON   | PHILLIPS | SMITH    | JEWELL   | REPUBLIC  | WASHINGTON | MARSHALL     | NEMAHA     | BROWN      | DONIPHAN    |
|          |         | 1        | 1        | 4        | 1        |          | 3         | 2          | 6            |            | 7          | 7           |
| SHERMAN  | THOMAS  | SHERIDAN | GRAHAM   | ROOKS    | OSBORNE  | MITCHELL | CLOUD     | CLAY       | POTTAWATOMIE | JACKSON    | ATCHISON   | JEFFERSON   |
| 3        | 10      |          | 1        | 2        | 3        | 2        | 4         | 7          | 5            | 8          | 23         | 5           |
| WALLACE  | LOGAN   | GOVE     | TREGO    | ELLIS    | RUSSELL  | LINCOLN  | OTTAWA    | DICKINSON  | GEARY        | WABALNSEE  | SHAWNEE    | LEAVENWORTH |
|          |         | 1        | 4        | 27       | 2        | 1        | 2         | 2          | 128          | 289        | 5          | 67          |
| GREELEY  | WICHITA | SCOTT    | LANE     | NESS     | RUSH     | BARTON   | ELLSWORTH | SALINE     | MORRIS       | LYON       | OSAGE      | DOUGLAS     |
| 1        | 1       | 3        |          | 2        |          | 13       | 2         | 59         | 3            | 1          | 7          | 157         |
| HAMILTON | KEARNEY | FINNEY   | HODGEMAN | PAWNEE   | STAFFORD | RENO     | HARVEY    | BUTLER     | GREENWOOD    | WOODSON    | ALLEN      | BOURBON     |
|          | 3       | 55       |          | 2        | 2        | 74       | 14        | 5          | 5            | 2          | 14         | 13          |
| STANTON  | GRANT   | HASKELL  | FORD     | EDWARDS  | PRATT    | KINGMAN  | SEDGWICK  | 52         | 5            | 2          | 14         | 13          |
|          | 8       |          | 43       | 2        | 8        | 4        | 924       |            | 5            | 5          | 14         | 35          |
| MORTON   | STEVENS | SEWARD   | MEADE    | CLARK    | COMANCHE | BARBER   | HARPER    | SUMNER     | COWLEY       | CHAUTAUQUA | MONTGOMERY | LABETTE     |
| 3        | 3       | 23       |          |          | 2        | 9        | 4         | 19         | 49           | 1          | 49         | 12          |
|          |         |          |          |          |          |          |           |            |              |            |            | 8           |

Total 3372

### State of Kansas Reported Cases of Gonorrhea by County January - June 2003

|          |         |          |          |          |          |          |           |            |              |            |            |             |
|----------|---------|----------|----------|----------|----------|----------|-----------|------------|--------------|------------|------------|-------------|
| CHEYENNE | RAWLINS | DECATUR  | NORTON   | PHILLIPS | SMITH    | JEWELL   | REPUBLIC  | WASHINGTON | MARSHALL     | NEMAHA     | BROWN      | DONIPHAN    |
|          |         |          |          |          | 1        |          |           |            |              |            | 2          | 2           |
| SHERMAN  | THOMAS  | SHERIDAN | GRAHAM   | ROOKS    | OSBORNE  | MITCHELL | CLOUD     | CLAY       | POTTAWATOMIE | JACKSON    | ATCHISON   | JEFFERSON   |
|          | 1       | 1        |          |          |          | 1        | 2         |            | 1            | 1          | 9          | 2           |
| WALLACE  | LOGAN   | GOVE     | TREGO    | ELLIS    | RUSSELL  | LINCOLN  | OTTAWA    | DICKINSON  | GEARY        | WABALNSEE  | SHAWNEE    | LEAVENWORTH |
|          |         | 1        |          | 3        | 1        |          | 15        | 26         | 15           | 120        | 2          | 28          |
| GREELEY  | WICHITA | SCOTT    | LANE     | NESS     | RUSH     | BARTON   | ELLSWORTH | SALINE     | MORRIS       | LYON       | OSAGE      | DOUGLAS     |
|          |         | 1        |          |          |          | 1        | 1         | 5          | 1            | 1          | 17         | 78          |
| HAMILTON | KEARNEY | FINNEY   | HODGEMAN | PAWNEE   | STAFFORD | RENO     | HARVEY    | BUTLER     | GREENWOOD    | WOODSON    | ALLEN      | BOURBON     |
|          |         | 5        |          |          |          | 25       | 8         |            |              |            | 1          | 1           |
| STANTON  | GRANT   | HASKELL  | FORD     | EDWARDS  | PRATT    | KINGMAN  | SEDGWICK  | 398        | 10           |            | 3          | 14          |
|          | 2       |          | 5        | 1        |          | 1        |           |            |              | 3          |            |             |
| MORTON   | STEVENS | SEWARD   | MEADE    | CLARK    | COMANCHE | BARBER   | HARPER    | SUMNER     | COWLEY       | CHAUTAUQUA | MONTGOMERY | LABETTE     |
|          |         | 3        |          | 1        |          |          | 1         | 9          | 17           |            | 7          | 5           |
|          |         |          |          |          |          |          |           |            |              |            |            |             |

Total 1181

### State of Kansas Reported Cases of Early Syphilis by County January - June 2003

|          |         |          |          |          |          |          |           |            |              |            |            |             |
|----------|---------|----------|----------|----------|----------|----------|-----------|------------|--------------|------------|------------|-------------|
| CHEYENNE | RAWLINS | DECATUR  | NORTON   | PHILLIPS | SMITH    | JEWELL   | REPUBLIC  | WASHINGTON | MARSHALL     | NEMAHA     | BROWN      | DONIPHAN    |
|          |         |          |          |          |          |          |           |            |              |            |            |             |
| SHERMAN  | THOMAS  | SHERIDAN | GRAHAM   | ROOKS    | OSBORNE  | MITCHELL | CLOUD     | CLAY       | POTTAWATOMIE | JACKSON    | ATCHISON   | JEFFERSON   |
|          |         |          |          |          |          |          |           |            |              |            |            |             |
| WALLACE  | LOGAN   | GOVE     | TREGO    | ELLIS    | RUSSELL  | LINCOLN  | OTTAWA    | DICKINSON  | GEARY        | WABALNSEE  | SHAWNEE    | LEAVENWORTH |
|          |         |          |          |          |          |          |           |            |              |            |            |             |
| GREELEY  | WICHITA | SCOTT    | LANE     | NESS     | RUSH     | BARTON   | ELLSWORTH | SALINE     | MORRIS       | LYON       | OSAGE      | DOUGLAS     |
|          |         |          |          |          |          |          |           |            |              |            |            |             |
| HAMILTON | KEARNEY | FINNEY   | HODGEMAN | PAWNEE   | STAFFORD | RENO     | HARVEY    | BUTLER     | GREENWOOD    | WOODSON    | ALLEN      | BOURBON     |
|          |         |          |          |          |          |          |           |            |              |            |            |             |
| STANTON  | GRANT   | HASKELL  | FORD     | EDWARDS  | PRATT    | KINGMAN  | SEDGWICK  | 3          |              |            |            |             |
|          |         |          |          |          |          |          |           |            |              |            |            |             |
| MORTON   | STEVENS | SEWARD   | MEADE    | CLARK    | COMANCHE | BARBER   | HARPER    | SUMNER     | COWLEY       | CHAUTAUQUA | MONTGOMERY | LABETTE     |
|          |         |          |          |          |          |          |           |            |              |            |            |             |

Total 21

**Kansas Incidence, Prevalence and Cumulative AIDS Cases as of June 2003**

| Cases   | Kansas Incident <sup>A</sup> AIDS Cases<br>January 2003- June 2003 |            | Kansas Prevalent <sup>B</sup> AIDS<br>Cases as of June 2003 |            | Kansas Cumulative <sup>C</sup> AIDS<br>Cases as of June 2003 |            | U.S. Cumulative <sup>C</sup> AIDS<br>Cases as of July 2001 |            |
|---|--|------------|---|------------|--|------------|--|------------|
|   | Number   | Percentage | Number  | Percentage | Number   | Percentage | Number   | Percentage |
| Adult/Adolescent                              | 22   | 100.0      | 1017  | 99.6       | 2463   | 99.5       | 745,103  | 98.83      |
| Pediatrics (<13 Years)                        | -  | -          | 4   | .4         | 12   | .5         | 8,804  | 1.17       |
| Total   | 22   | 100.0      | 1021  | 100.0      | 2475   | 100.0      | 753,907  | 100.00     |
| <b>Age</b>                                    |  |            |   |            |  |            |  |            |
| <13   | -  | -          | 4   | .4         | 12   | .5         | 8,804  | 1.17       |
| 13-19   | -  | -          | 8   | .8         | 15   | .6         | 3,865  | 0.51       |
| 20-29   | 6  | 27.3       | 227   | 22.2       | 537  | 21.7       | 126,105  | 16.73      |
| 30-39   | 3  | 13.6       | 455   | 44.6       | 1104   | 44.6       | 337,501  | 44.77      |
| 40-49   | 6  | 27.3       | 250   | 24.5       | 577  | 23.3       | 196,526  | 26.07      |
| 50+   | 7  | 31.8       | 77  | 7.5        | 230  | 9.3        | 81,103   | 10.76      |
| Unknown                                       | -  | -          | -   | -          | -  | -          | 3  | 0.00       |
| Total   | 22   | 100.0      | 1021  | 100.0      | 2475   | 100.0      | 753,907  | 100.00     |
| <b>Race/Ethnicity<sup>D</sup></b>             |  |            |   |            |  |            |  |            |
| White   | 14   | 63.6       | 688   | 67.4       | 1836   | 74.1       | F  | F          |
| Black/African American                        | 5  | 22.7       | 219   | 21.5       | 438  | 17.7       | F  | F          |
| Hispanic                                      | 2  | 9.1        | 97  | 9.5        | 162  | 6.6        | F  | F          |
| Asian   | 1  | 4.6        | 1   | .1         | 1  | .0         | F  | F          |
| Asian/Pacific Islander <sup>E</sup>           | -  | -          | 5   | .5         | 11   | .4         | F  | F          |
| Native Hawaiian/Other Pacific<br>Islander     | -  | -          | -   | -          | -  | -          | F  | F          |
| American Indian/Alaska Native                 | -  | -          | 10  | 1.0        | 25   | 1.0        | F  | F          |
| Multi-Race                                    | -  | -          | -   | -          | -  | -          | F  | F          |
| Unknown                                       | -  | -          | 1   | .1         | 2  | .1         | F  | F          |
| Total   | 22   | 100.0      | 1021  | 100.1      | 2475   | 99.9       | F  | F          |
| <b>Gender</b>                                 |  |            |   |            |  |            |  |            |
| Male  | 16   | 72.7       | 877   | 85.9       | 2218   | 89.6       | 624,714  | 82.86      |
| Female  | 6  | 27.3       | 144   | 14.1       | 257  | 10.4       | 129,190  | 17.14      |
| Unknown                                       | -  | -          | -   | -          | -  | -          | 3  | 0.00       |
| Total   | 22   | 100.0      | 1021  | 100.0      | 2475   | 100.0      | 753,907  | 100.00     |
| <b>Adult/Adolescent Exposure<br/>Category</b> |  |            |   |            |  |            |  |            |
| Men who have sex with men<br>(MSM)            | 5  | 22.7       | 585   | 57.7       | 1562   | 63.5       | 348,657  | 46.79      |
| Injection Drug User (IDU)                     | 2  | 9.1        | 110   | 10.8       | 238  | 9.7        | 189,242  | 25.40      |
| MSM and IDU                                   | 1  | 4.6        | 97  | 9.6        | 230  | 9.4        | 47,820   | 6.42       |
| Hemophilia and /or Coagulation<br>Disorder    | -  | -          | 9   | .9         | 41   | 1.7        | 5,121  | 0.69       |
| High Risk<br>Heterosexual Contact             | 3  | 13.6       | 145   | 14.3       | 231  | 9.4        | 78,210   | 10.50      |
| Transfusion/Transplant                        | -  | -          | 10  | 1.0        | 48   | 2.0        | 8,666  | 1.16       |
| Risk Not Known                                | 11   | 50.0       | 58  | 5.7        | 108  | 4.4        | 67,387   | 9.04       |
| Total   | 22   | 100.0      | 1014  | 100.0      | 2458   | 100.1      | 745,103  | 100.00     |
| <b>Pediatric (&lt;13 years)<br/>Category</b>  |  |            |   |            |  |            |  |            |
| Hemophilia and/or Coagulation<br>Disorder     | -  | -          | 2   | 28.6       | 5  | 29.4       | 236  | 2.68       |
| Mother with HIV infection                     | -  | -          | 3   | 42.9       | 10   | 58.8       | 8,027  | 91.17      |
| Transfusion/Transplant                        | -  | -          | 1   | 14.3       | 1  | 5.9        | 381  | 4.33       |
| Risk Not Known                                | -  | -          | 1   | 14.3       | 1  | 5.9        | 160  | 1.82       |
| Total   | -  | -          | 7   | 100.1      | 17   | 100.0      | 8,804  | 100.00     |

<sup>A</sup> Incidence is the number of new cases in a specific time.

<sup>B</sup> Prevalent cases are those people presumed living with HIV and AIDS.

<sup>C</sup> Cumulative cases are those people ever reported to have HIV and AIDS.

<sup>D</sup> As of 1-1-03 CDC requires all National Surveillance Programs to Collect Race/Ethnicity in the same manner as the Census Bureau. This allows for multi-race collection.

<sup>E</sup> This race category is from the old method of collecting race and was not able to be combined into a new race variable.

<sup>F</sup> US data is not available for the year 2003 and therefore race categories are not compatible for comparison.

Percentages do not add up to 100 due to rounding.

**Kansas Incidence, Prevalence and Cumulative HIV Cases as of June 2003**

| Cases   | Kansas Incident <sup>A</sup> HIV Cases<br>January 2003- June 2003 |            | Kansas Prevalent <sup>B</sup> HIV<br>Cases as of June 2003 |            | Kansas Cumulative <sup>C</sup> HIV<br>Cases as of June 2003 |            | U.S. Cumulative <sup>C</sup> HIV<br>Cases as of July 2001 |            |
|---|---|------------|--|------------|---|------------|---|------------|
|   | Number  | Percentage | Number   | Percentage | Number  | Percentage | Number  | Percentage |
| Adult/Adolescent                              | 40  | 100        | 415  | 98.6       | 424   | 98.6       | 128,618   | 98.42      |
| Pediatrics (<13 Years)                        | -   | -          | 6  | 1.4        | 6   | 1.4        | 2,068   | 1.58       |
| Total   | 40  | 100.0      | 421  | 100.0      | 430   | 100.0      | 130,686   | 100.00     |
| <b>Age</b>                                    |   |            |  |            |   |            |   |            |
| <13   | -   | -          | 6  | 1.4        | 6   | 1.4        | 2,063   | 1.58       |
| 13-19   | 1   | 2.5        | 20   | 4.8        | 20  | 4.7        | 5,262   | 4.04       |
| 20-29   | 11  | 27.5       | 115  | 27.3       | 115   | 26.7       | 43,451  | 33.33      |
| 30-39   | 19  | 47.5       | 176  | 41.8       | 178   | 41.4       | 50,379  | 38.65      |
| 40-49   | 7   | 17.5       | 75   | 17.8       | 79  | 18.4       | 21,835  | 16.75      |
| 50+   | 2   | 5.0        | 29   | 6.9        | 32  | 7.4        | 7,351   | 5.64       |
| Unknown                                       | -   | -          | -  | -          | -   | -          | 11  | 0.01       |
| Total   | 40  | 100.0      | 421  | 100.0      | 430   | 100.0      | 130,352   | 100.00     |
| <b>Race/Ethnicity<sup>D</sup></b>             |   |            |  |            |   |            |   |            |
| White   | 19  | 47.5       | 241  | 57.2       | 247   | 57.4       | F   | F          |
| Black/African American                        | 11  | 27.5       | 104  | 24.7       | 104   | 24.2       | F   | F          |
| Hispanic                                      | 8   | 20.0       | 54   | 12.8       | 56  | 13.0       | F   | F          |
| Asian   | -   | -          | -  | -          | -   | -          | F   | F          |
| Asian/Pacific Islander <sup>E</sup>           | -   | -          | 1  | .2         | 2   | .5         | F   | F          |
| Native Hawaiian/Other Pacific<br>Islander     | -   | -          | -  | -          | -   | -          | F   | F          |
| American Indian/Alaska Native                 | -   | -          | 2  | .5         | 2   | .5         | F   | F          |
| Multi-Race                                    | 1   | 2.6        | 1  | .2         | 1   | .2         | F   | F          |
| Unknown                                       | 1   | 2.5        | 18   | 4.3        | 18  | 4.2        | F   | F          |
| Total   | 40  | 100.1      | 421  | 99.9       | 430   | 100.0      | F   | F          |
| <b>Gender</b>                                 |   |            |  |            |   |            |   |            |
| Male  | 29  | 72.5       | 329  | 78.1       | 337   | 78.4       | 93,527  | 71.75      |
| Female  | 11  | 27.5       | 92   | 21.9       | 93  | 21.6       | 36,814  | 28.24      |
| Unknown                                       | -   | -          | -  | -          | -   | -          | 11  | 0.01       |
| Total   | 40  | 100.0      | 421  | 100.0      | 430   | 100.0      | 130,352   | 100.00     |
| <b>Adult/Adolescent Exposure<br/>Category</b> |   |            |  |            |   |            |   |            |
| Men who have sex with men<br>(MSM)            | 15  | 37.5       | 189  | 45.5       | 191   | 45.0       | 41,818  | 32.60      |
| Injection Drug User (IDU)                     | 1   | 2.5        | 50   | 12.0       | 51  | 12.0       | 19,720  | 15.37      |
| MSM and IDU                                   | 3   | 7.5        | 29   | 7.0        | 29  | 6.8        | 5,752   | 4.48       |
| Hemophilia and /or Coagulation<br>Disorder    | -   | -          | -  | -          | -   | -          | 462   | 0.36       |
| High Risk<br>Heterosexual Contact             | 7   | 17.5       | 62   | 14.9       | 62  | 14.6       | 21,143  | 16.48      |
| Transfusion/Transplant                        | -   | -          | 2  | .5         | 2   | .5         | 791   | 0.62       |
| Risk Not Known                                | 14  | 35.0       | 83   | 20.0       | 89  | 21.0       | 38,603  | 30.09      |
| Total   | 40  | 100.0      | 415  | 99.9       | 424   | 99.9       | 128,289   | 100.00     |
| <b>Pediatric (&lt;13 years)<br/>Category</b>  |   |            |  |            |   |            |   |            |
| Hemophilia and/or Coagulation<br>Disorder     | -   | -          | 1  | 16.7       | 1   | 16.7       | 98  | 4.75       |
| Mother with HIV infection                     | -   | -          | 5  | 83.3       | 5   | 83.3       | 1,782   | 86.38      |
| Transfusion/Transplant                        | -   | -          | -  | -          | -   | -          | 37  | 1.79       |
| Risk Not Known                                | -   | -          | -  | -          | -   | -          | 146   | 7.08       |
| Total   | -   | -          | 6  | 100.0      | 6   | 100.0      | 2,063   | 100.00     |

<sup>A</sup> Incidence is the number of new cases in a specific time.

<sup>B</sup> Prevalent cases are those people presumed living with HIV and AIDS.

<sup>C</sup> Cumulative cases are those people ever reported to have HIV and AIDS.

<sup>D</sup> As of 1-1-03 CDC requires all National Surveillance Programs to Collect Race/Ethnicity in the same manner as the Census Bureau. This allows for multi-race collection.

<sup>E</sup> This race category is from the old method of collecting race and was not able to be combined into a new race variable.

<sup>F</sup> US data is not available for the year 2003 and therefore race categories are not compatible for comparison.

Percentages do not add up to 100 due to rounding.

**Prevalent Adult/Adolescent AIDS Cases by Exposure and Gender through June 30, 2003**

| Adult/Adolescent Exposure Category                              | Male      |         | Female    |         | Total     |         |
|---|-----------|---------|-----------|---------|-----------|---------|
|   | Number    | Percent | Number    | Percent | Number    | Percent |
| Men who have sex with men (MSM)                                 | 585       | 66.9%   | 0         | 0%      | 585       | 57.7%   |
| Injection Drug Users (IDU)                                      | 79        | 9.0%    | 31        | 22.1%   | 110       | 10.8%   |
| MSM and IDU   | 97        | 11.1%   | 0         | 0%      | 97        | 9.6%    |
| Hemophilia/Coagulation Disorder                                 | 9         | 1.0%    | 0         | 0%      | 9         | .9%     |
| Heterosexual Contact  | 50        | 5.7%    | 95        | 67.9%   | 145       | 14.3%   |
| <i>Sex with IDU</i>   | <i>10</i> |         | <i>20</i> |         | <i>30</i> |         |
| <i>Sex with other high risk partner</i>                         | <i>1</i>  |         | <i>15</i> |         | <i>16</i> |         |
| <i>Sex with HIV infected individual whose risk is not known</i> | <i>39</i> |         | <i>60</i> |         | <i>99</i> |         |
| Transfusion/Transplant  | 7         | .8%     | 3         | 2.1%    | 10        | 1.0%    |
| Risk not known  | 47        | 5.4%    | 11        | 7.9%    | 58        | 5.7%    |
| TOTAL   | 874       | 99.9%   | 140       | 100.0%  | 1014      | 100.0%  |

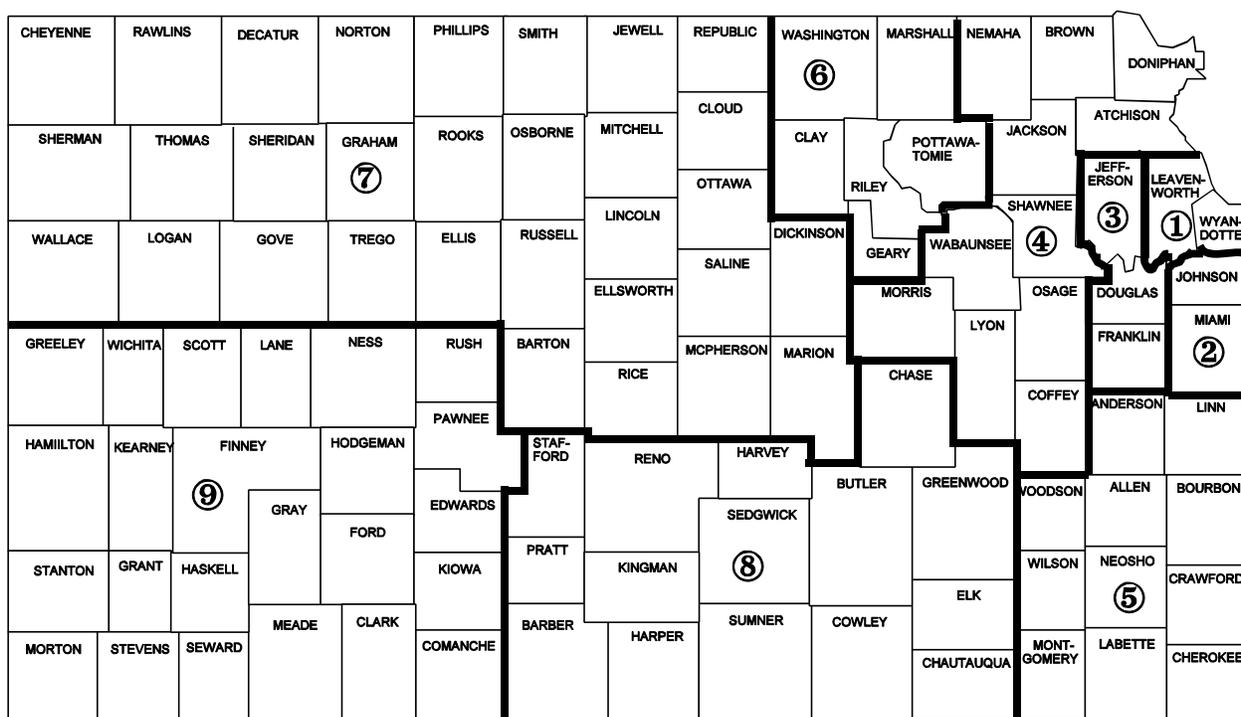
Percentages may not add up to 100% due to rounding

**Prevalent Adult/Adolescent HIV Cases by Exposure and Gender through June 30, 2003**

| Adult/Adolescent Exposure Category                              | Male      |         | Female    |         | Total     |         |
|---|-----------|---------|-----------|---------|-----------|---------|
|   | Number    | Percent | Number    | Percent | Number    | Percent |
| Men who have sex with men (MSM)                                 | 189       | 57.8%   | 0         | 0%      | 189       | 45.5%   |
| Injection Drug Users (IDU)                                      | 31        | 9.5%    | 19        | 21.6%   | 50        | 12.0%   |
| MSM and IDU   | 29        | 8.9%    | 0         | 0%      | 29        | 7.0%    |
| Hemophilia/Coagulation Disorder                                 | 0         | 0%      | 0         | 0%      | 0         | 0%      |
| Heterosexual Contact  | 22        | 6.7%    | 40        | 45.5%   | 62        | 14.9%   |
| <i>Sex with IDU</i>   | <i>3</i>  |         | <i>10</i> |         | <i>13</i> |         |
| <i>Sex with other high risk partner</i>                         | <i>0</i>  |         | <i>3</i>  |         | <i>3</i>  |         |
| <i>Sex with HIV infected individual whose risk is not known</i> | <i>19</i> |         | <i>27</i> |         | <i>46</i> |         |
| Transfusion/Transplant  | 2         | .6%     | 0         | 0%      | 2         | .5%     |
| Risk not known  | 54        | 16.5%   | 29        | 33.0%   | 83        | 20.0%   |
| TOTAL   | 327       | 100.0%  | 88        | 100.0%  | 415       | 99.9%   |

Percentages may not add up to 100% due to rounding

## Kansas Community Planning Regions



| Region       | Incident <sup>A</sup><br>HIV<br>Cases as of<br>June 2003 | Prevalent <sup>B</sup><br>HIV<br>Cases as of<br>June 2003 | Cumulative <sup>C</sup><br>HIV<br>Cases as of<br>June 2003 | Incident <sup>A</sup><br>AIDS<br>Cases as of<br>June 2003 | Prevalent <sup>B</sup><br>AIDS<br>Cases as of<br>June 2003 | Cumulative <sup>C</sup><br>AIDS<br>Cases as of<br>June 2003 |
|--------------|--|---|--|---|--|---|
| 1            | 5  | 79  | 80   | 4   | 239  | 492   |
| 2            | 8  | 61  | 62   | 1   | 166  | 422   |
| 3            | -  | 10  | 10   | 1   | 42   | 101   |
| 4            | 2  | 34  | 38   | 2   | 92   | 249   |
| 5            | -  | 18  | 18   | -   | 23   | 113   |
| 6            | 5  | 18  | 18   | -   | 29   | 85  |
| 7            | 4  | 21  | 21   | 3   | 43   | 97  |
| 8            | 12   | 153   | 154  | 9   | 357  | 843   |
| 9            | 4  | 23  | 25   | -   | 27   | 70  |
| Unknown      | -  | 4   | 4  | 2   | 3  | 3   |
| <b>Total</b> | <b>40</b>  | <b>421</b>  | <b>430</b>   | <b>22</b>   | <b>1021</b>  | <b>2475</b>   |

<sup>A</sup>Incidence is the number of new cases in a specific time.

<sup>B</sup>Prevalent cases are those people presumed living with HIV and AIDS.

<sup>C</sup>Cumulative cases are those people ever reported to have HIV and AIDS.

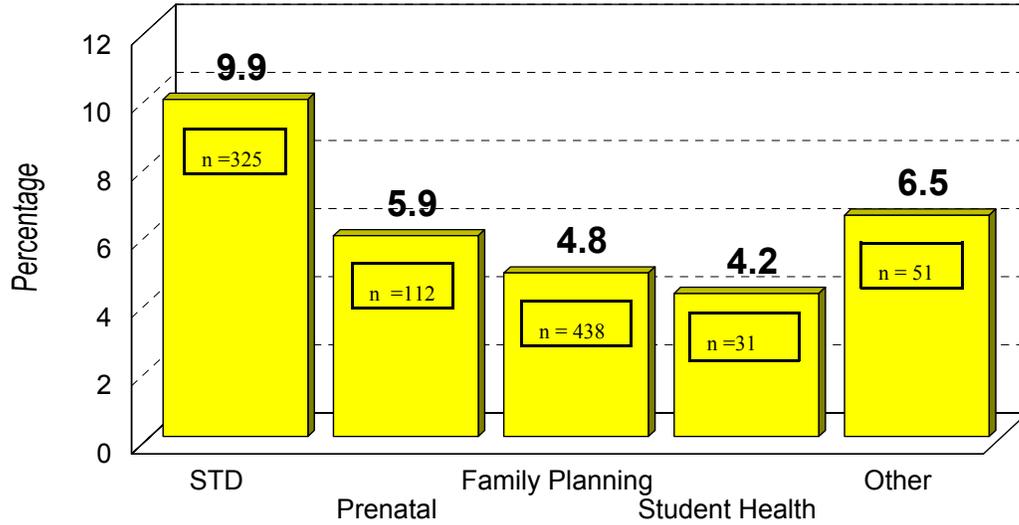


# Kansas Infertility Prevention Project (KIPP)

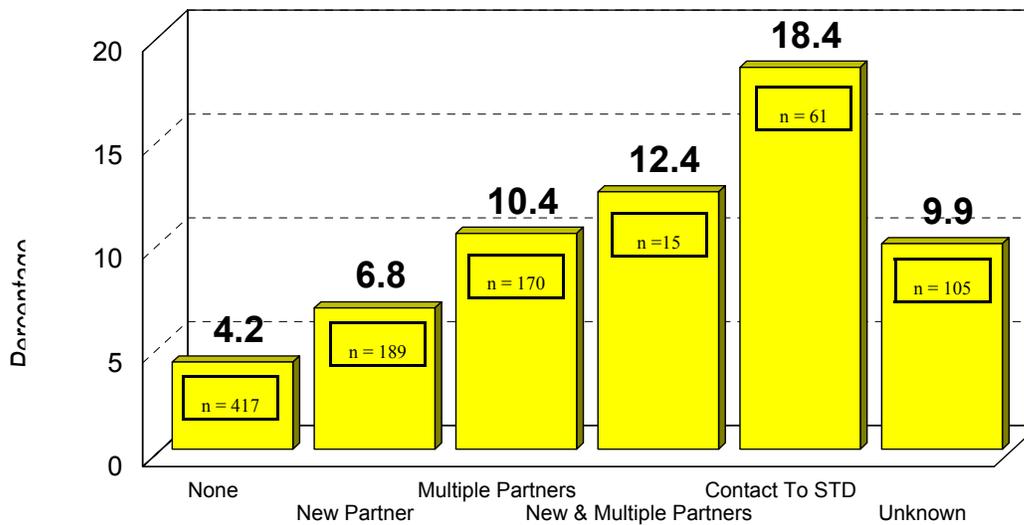
Jan - June 2003

15,772 Females Screened: 957 Positives

## Percentage Chlamydia Positive by Clinic



## Percentage Chlamydia Positive by Risk Factor



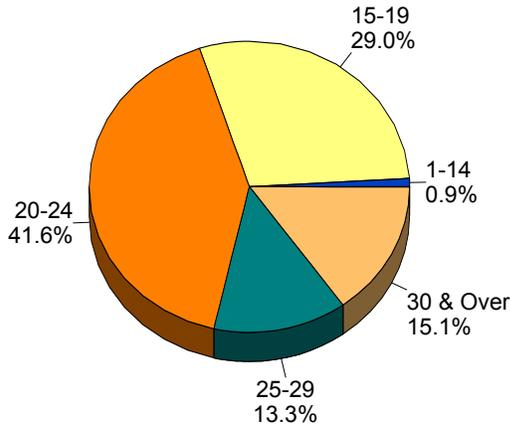
15,772 Females Screened: 957 Positives

**Positivity is highest in STD clinics and contacts to STDs.**

**KIPP Sites Screened 15,772 Females for Chlamydia Jan-June 2003  
957 or 6.1% Were Positive**

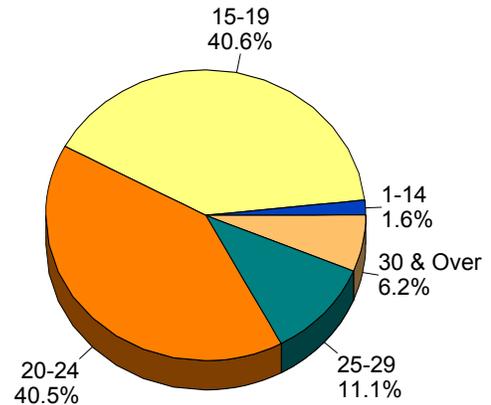
**Percent Tests by Age Group**

n = 15,772



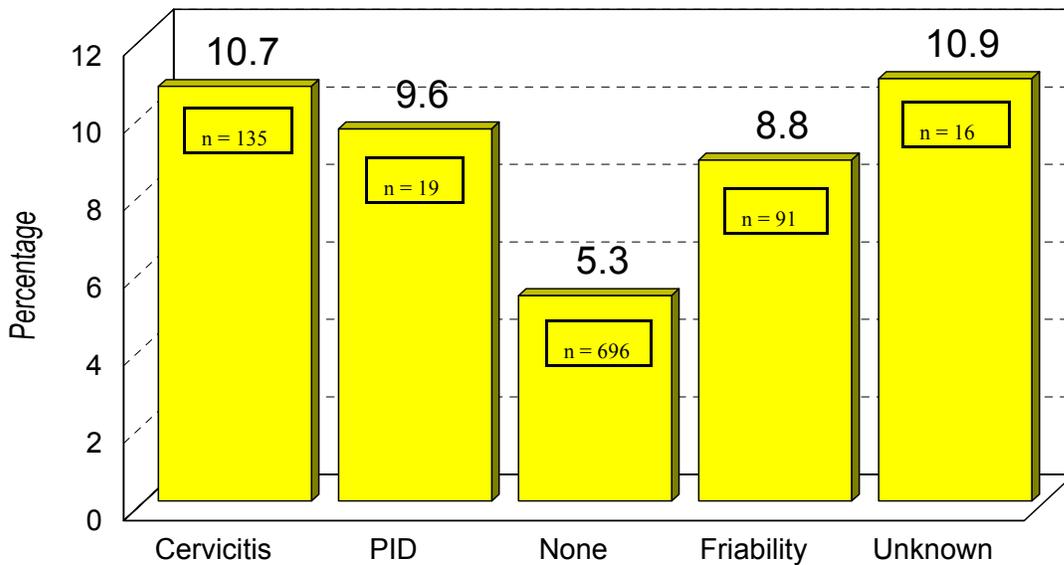
**Percent Positive by Age Group**

n = 957



**Chlamydia screenings are directed at the age groups most at risk in Kansas.**

**Chlamydia Test Results by Clinical Signs**



**15,772 Females Screened: 957 Positives**

In FH2002, KIPP changed screening criteria to include all females in Prenatal and STD clinics and all females 24 years of age and under in Family Planning Clinics in addition to females 25 to 29 years of age in Family Planning Clinics that have symptoms of a chlamydial infection or have had sexual contact with a male with a positive test for an STD or urethritis. Males should not be tested as part of the Infertility Prevention Project.