

# **HIV/AIDS SURVEILLANCE**

# **SUMMARY REPORT**

**COMMONWEALTH OF PENNSYLVANIA**

**December 2007**



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The data provided in the tables, figures and maps are based on reports received through June 30, 2008. Expanded analysis of data presented in the Summary Report and other HIV/AIDS Epidemiologic data may be requested by sending e-mail to c-hivepi@state.pa.us or through the Department's web site at: <http://www.health.state.pa.us/hiv-epi/> (please download the "Summary Report" or use the online Data Requests form at this site) or by telephone/fax to our office at 717-783-0481(tel) or 717-772-6975(fax). Please scroll down the menu of links on the left frame of the web site to "Quarterly/Biannual Summary" and "Data Requests", respectively.

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## HIV/AIDS Surveillance Summary Report

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## **A Special Note for the Readers of Pennsylvania HIV/AIDS Surveillance Report Explanation for an Unexpected Increase in AIDS Cases Diagnosed in 2006**

This HIV/AIDS summary report describes both HIV (non-AIDS) and AIDS cases diagnosed by December 31, 2007, and reported through June 30, 2008. HIV (non-AIDS) reporting started in Pennsylvania in October 2002 with retroactive case reporting to January 1, 2000.

Prior to December 2005, all HIV/AIDS case reporting and management was carried out in the Centers for Disease Control and Prevention's (CDC) HIV/AIDS Reporting System (HARS). On December 19, 2005 HIV/AIDS reporting and management was converted from HARS into the Pennsylvania National Electronic Disease Surveillance System (PANEDSS). Laboratories and providers are connected to the PA-NEDSS allowing direct reporting of cases into the data repository. With access to PA-NEDSS at the various reporting sites there is an increase in reporting of HIV and AIDS indicative test results including low CD4 count and/or percent. This has resulted in tremendous reporting of lab test results more than was possible in the past. Laboratory based reporting through the PA-NEDSS has vastly improved the timeliness and completeness of case reporting.

Annual AIDS incidence has fallen over time from its high levels in the late 1980s and early 1990s, due to more effective treatments for people with HIV infection. However, in 2006, there was an unexpected increase in the number of AIDS cases (Figures 1 & 2 and Table 1) diagnosed far more than in the immediate preceding four years. The number of AIDS cases diagnosed in the 12 months of 2006 was 1,492, compared to 1,151 during the same period in 2005. This is a 29.6% increase in diagnosed cases. This observation in 2006 represents a departure from the past. However, the observation may not indicate a true increase in AIDS incidence or its diagnosis than in recent past periods; rather it may reflect an improvement in case reporting with the implementation of PA-NEDSS.

In summary, this observation might not reflect a true increase in AIDS incidence in 2006 over the recent past periods. The laboratory-based HIV and AIDS case reporting through PA-NEDSS has vastly improved both timeliness and completeness of case reporting in the Commonwealth.

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## SUMMARY TABLE

Cases of HIV(Human Immunodeficiency Virus), Perinatal Exposure to HIV,  
and AIDS (Acquired Immune Deficiency Syndrome)  
Among Pennsylvania Residents  
Reported During the Periods Indicated Under Each Table\*

The numbers below and in subsequent tables do not include potential AIDS cases that do not have information or are missing information for any of the following specific variables: a) Name of patient, b) Date of birth, c) Race or Ethnicity, d) Sex of patient, e) Vital status of patient, f) Date of AIDS diagnosis or Date of Opportunistic Infection, and g) County of residence when diagnosed. It also excludes records with certain logical inconsistencies (such as a date of death earlier than the date of birth).

| <b>PENNSYLVANIA (INCL. PHILADELPHIA COUNTY) AIDS CASES</b> |                 |             |              |
|--|-----------------|-------------|--------------|
|  | NUMBER OF CASES | NUMBER DEAD | PERCENT DEAD |
| TOTAL(AIDS)  | 35,021          | 17,115      | 49           |
| ADULT(AIDS)  | 34,658          | 16,961      | 49           |
| PEDIATRIC(AIDS)  | 363             | 154         | 42           |

\*Reported during the period January 1, 1980 through December 31, 2007

| <b>UNITED STATES AIDS CASES</b> |                 |             |              |
|---------------------------------|-----------------|-------------|--------------|
|                                 | NUMBER OF CASES | NUMBER DEAD | PERCENT DEAD |
| TOTAL(AIDS)                     | 982,498         | 545,805     | 56           |
| ADULT(AIDS)                     | 973,342         | 540,436     | 56           |
| PEDIATRIC(AIDS)                 | 9,156           | 5,369       | 59           |

\*Estimated Number of Diagnoses through December 31, 2006

Centers For Disease Control and Prevention.

HIV/AIDS Surveillance Report, 2006, vol 18 [13,17-18]

| <b>UNDUPLICATED HIV (NOT-AIDS) CASES &amp; PERINATAL EXPOSURE, October 2002-December 2007</b> |                 |             |              |
|---|-----------------|-------------|--------------|
|   | NUMBER OF CASES | NUMBER DEAD | PERCENT DEAD |
| TOTAL HIV(NOT AIDS)   | 6,323           | 111         | 1.8          |
| ADULT   | 6,266           | 111         | 1.8          |
| PEDIATRIC   | 57              | 0           | 0.0          |
| PERINATAL EXPOSURE (HIV indeterminate)  | 180             | 5           | 2.8          |

\*First diagnosis reported (meeting respective case definitions) during the period October 20, 2002 through December 31, 2007

To show the difference in the number of HIV cases in Pennsylvania when the first diagnosis reported include cases from January 1, 2000 through December 31, 2007, a separate table is shown below.

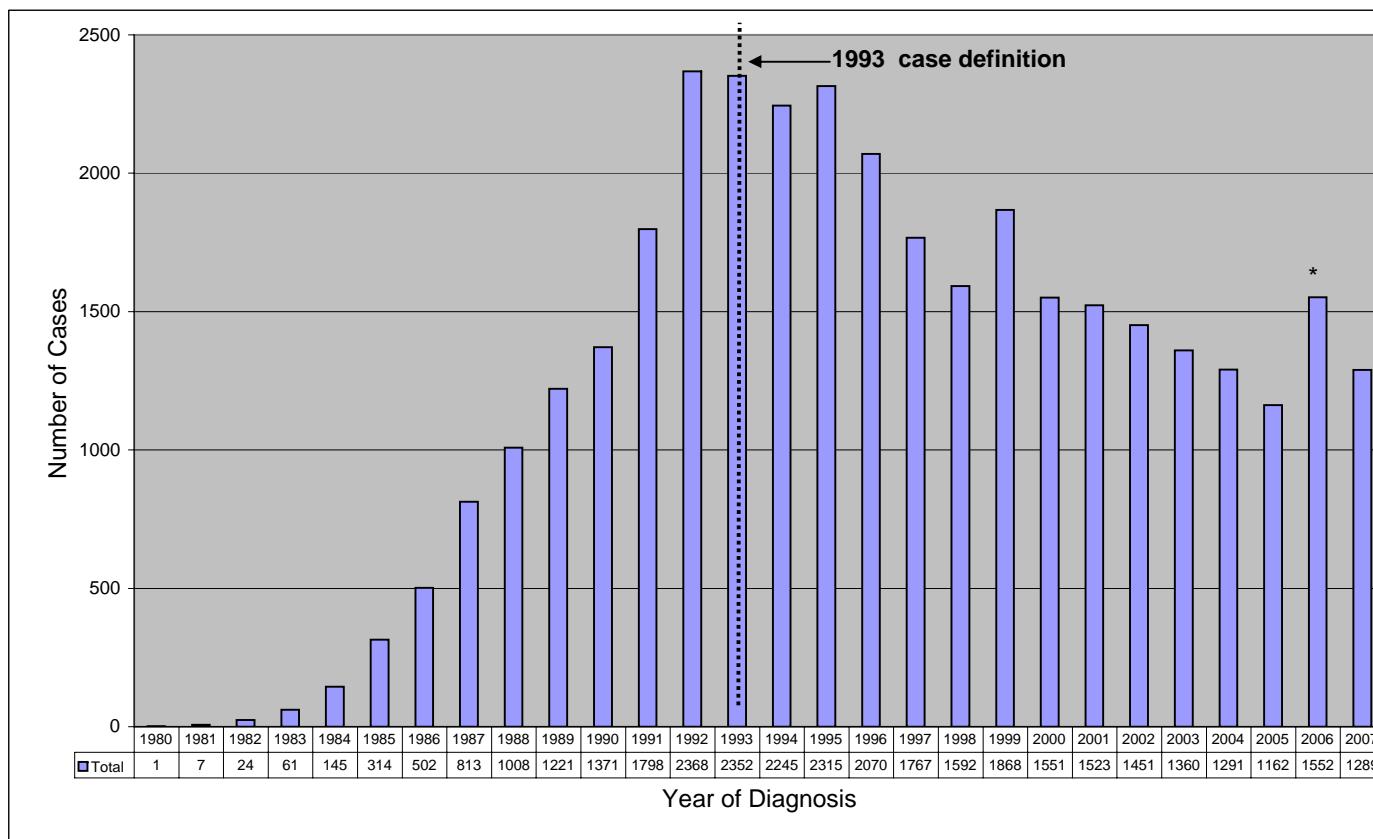
| <b>UNDUPLICATED HIV (NOT-AIDS) CASES &amp; PERINATAL EXPOSURE, January 2000-December 2007</b> |                 |             |              |
|---|-----------------|-------------|--------------|
|   | NUMBER OF CASES | NUMBER DEAD | PERCENT DEAD |
| TOTAL HIV(NOT AIDS)**   | 8,250           | 199         | 2.4          |
| ADULT   | 8,160           | 198         | 2.4          |
| PEDIATRIC   | 90              | 1           | 1.1          |
| PERINATAL EXPOSURE (HIV indeterminate)  | 378             | 13          | 3.4          |

\*First diagnosis reported (meeting respective case definitions) during the period January, 1 2000 through December 31, 2007

\*\*There were 4,356 cases diagnosed with HIV (without AIDS) before 2000.

The cumulative data presented in the table above are provided as a preview of progress in reporting processes and should not be used to infer the number of HIV cases in Pennsylvania due to incompleteness and reporting delays inherent in the early phases of surveillance system implementation. Moreover, these data do not include potential HIV (NOT AIDS) cases that do not have information or are missing information for any of the following specific variables: a) First positive result date, b) Current record status, c) Date of patient birth, d) Sex of patient, e) Patient's race, and f) State of residence when HIV+.

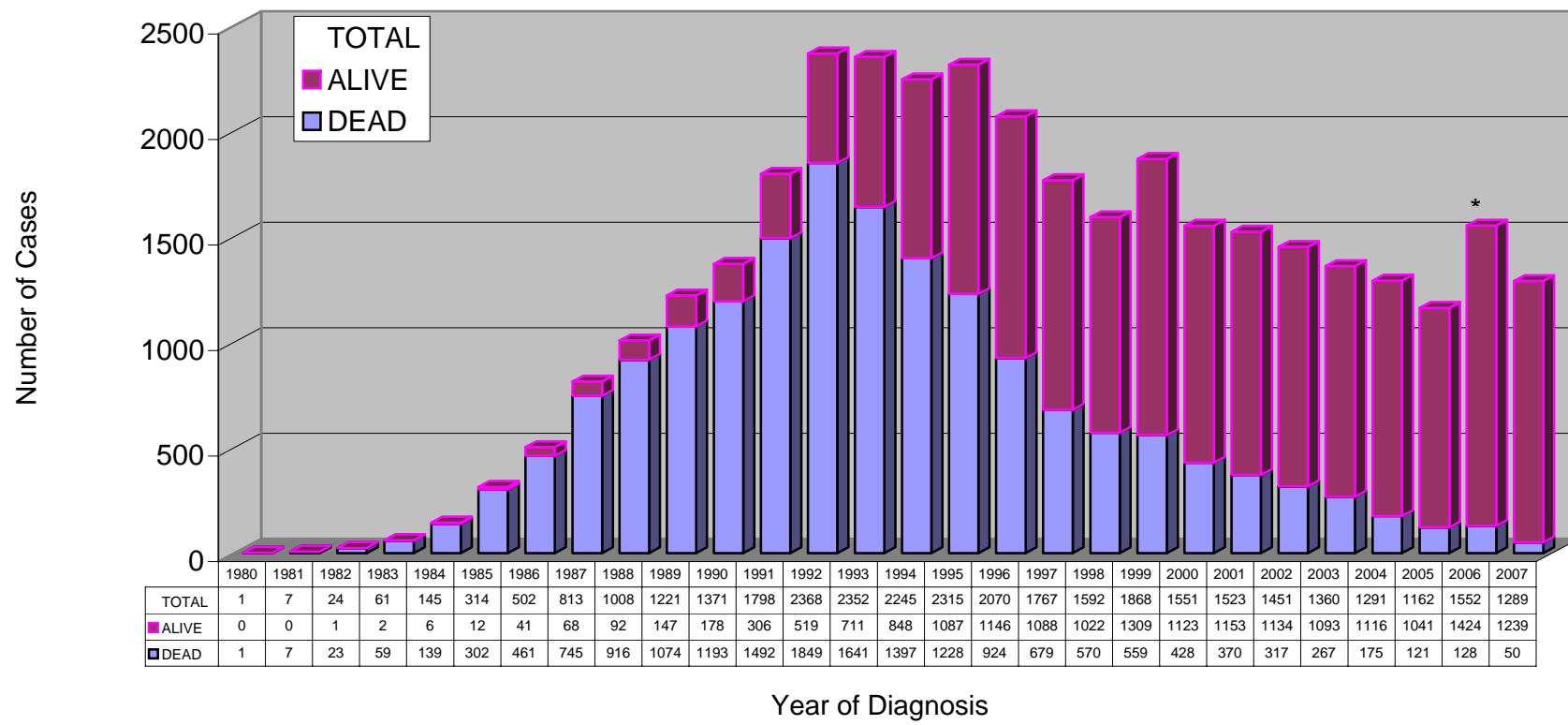
**Figure 1**  
**Annual Incidence for AIDS in Pennsylvania**  
**1980-2007**



Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and partially due to reporting delays.

\*Increase in 2006 may partly reflect improvement attributable to Electronic Laboratory Reporting of low CD4 counts in PA-NEDSS.

**Figure 2**  
**Annual Incidence for AIDS in Pennsylvania**  
**Current Mortality Status by Year of Diagnosis**  
**1980-2007**



Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and partially due to reporting delays.

\*Increase in 2006 may partly refelect improvement attributable to Electronic Laboratory Reporting of low CD4 counts in PA-NEDSS.

TABLE 1  
 ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA  
 AMONG ADULT/ADOLESCENT AND PEDIATRIC CASES  
 BY YEAR OF DIAGNOSIS, 1980-2007

| YEAR OF DIAGNOSIS | ADULT/ADOLESCENT | PEDIATRIC | TOTAL  |
|-------------------|------------------|-----------|--------|
| 1980              | 1                | 0         | 1      |
| 1981              | 6                | 1         | 7      |
| 1982              | 22               | 2         | 24     |
| 1983              | 59               | 2         | 61     |
| 1984              | 143              | 2         | 145    |
| 1985              | 307              | 7         | 314    |
| 1986              | 494              | 8         | 502    |
| 1987              | 800              | 13        | 813    |
| 1988              | 992              | 16        | 1,008  |
| 1989              | 1,199            | 22        | 1,221  |
| 1990              | 1,351            | 20        | 1,371  |
| 1991              | 1,779            | 19        | 1,798  |
| 1992              | 2,328            | 40        | 2,368  |
| 1993              | 2,310            | 42        | 2,352  |
| 1994              | 2,220            | 25        | 2,245  |
| 1995              | 2,282            | 33        | 2,315  |
| 1996              | 2,046            | 24        | 2,070  |
| 1997              | 1,747            | 20        | 1,767  |
| 1998              | 1,574            | 18        | 1,592  |
| 1999              | 1,851            | 17        | 1,868  |
| 2000              | 1,542            | 9         | 1,551  |
| 2001              | 1,518            | 5         | 1,523  |
| 2002^             | 1,443            | 8         | 1,451  |
| 2003^             | 1,358            | 2         | 1,360  |
| 2004^             | 1,288            | 3         | 1,291  |
| 2005^*            | 1,159            | 3         | 1,162  |
| 2006**            | 1,551            | 1         | 1,552  |
| 2007^*            | 1,288            | 1         | 1,289  |
| Total             | 34,658           | 363       | 35,021 |

<sup>A</sup>Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and

\*partially due to reporting delays.

\*\*Increase in 2006 may partly reflect improvement attributable to Electronic Laboratory Reporting of low CD4 counts in PA-NEDSS.

**TABLE 2**  
**ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA**  
**SEX AND RACE/ETHNICITY BY YEAR OF DIAGNOSIS**  
**2002-2007**

|                      | 2002^  |         | 2003^  |         | 2004^  |         | 2005^* |         | 2006^* |         | 2007^* |         | 1980-2007<br>TOTAL TO DATE |         |
|----------------------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|----------------------------|---------|
|                      | number | percent | number                     | percent |
| TOTAL MALE           | 1,025  | 71      | 953    | 70      | 906    | 70      | 832    | 72      | 1,073  | 69      | 913    | 71      | 27,332                     | 78      |
| WHITE (NON-HISPANIC) | 337    | 23      | 299    | 22      | 282    | 22      | 286    | 25      | 372    | 24      | 340    | 26      | 10,951                     | 31      |
| BLACK (NON-HISPANIC) | 548    | 38      | 524    | 39      | 503    | 39      | 439    | 38      | 514    | 33      | 445    | 35      | 13,150                     | 38      |
| HISPANIC             | 120    | 8       | 116    | 9       | 112    | 9       | 94     | 8       | 153    | 10      | 107    | 8       | 2,984                      | 9       |
| ASIAN/PACIFIC        | 8      | 1       | 10     | 1       | 3      | 0       | 7      | 1       | 9      | 1       | 9      | 1       | 115                        | 0       |
| NATIVE AMERICAN      | 1      | 0       | 1      | 0       | 2      | 0       | 0      | 0       | 0      | 0       | 1      | 0       | 15                         | 0       |
| MULTIPLE RACE        | 11     | 1       | 3      | 0       | 4      | 0       | 6      | 1       | 25     | 2       | 11     | 1       | 117                        | 0       |
| TOTAL FEMALE         | 426    | 29      | 407    | 30      | 385    | 30      | 330    | 28      | 479    | 31      | 376    | 29      | 7,689                      | 22      |
| WHITE (NON-HISPANIC) | 89     | 6       | 69     | 5       | 88     | 7       | 46     | 4       | 110    | 7       | 85     | 7       | 1,731                      | 5       |
| BLACK (NON-HISPANIC) | 278    | 19      | 282    | 21      | 244    | 19      | 237    | 20      | 284    | 18      | 227    | 18      | 4,729                      | 14      |
| HISPANIC             | 54     | 4       | 48     | 4       | 49     | 4       | 44     | 4       | 83     | 5       | 56     | 4       | 1,162                      | 3       |
| ASIAN/PACIFIC        | 1      | 0       | 1      | 0       | 0      | 0       | 2      | 0       | 2      | 0       | 4      | 0       | 25                         | 0       |
| NATIVE AMERICAN      | 0      | 0       | 2      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 6                          | 0       |
| MULTIPLE RACE        | 4      | 0       | 5      | 0       | 4      | 0       | 1      | 0       | 0      | 0       | 4      | 0       | 36                         | 0       |
| TOTAL                | 1,451  | 100     | 1,360  | 100     | 1,291  | 100     | 1,162  | 100     | 1,552  | 100     | 1,289  | 100     | 35,021                     | 100     |

<sup>a</sup>Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and

\*partially due to reporting delays.

Note: Percentages may not add to 100% due to 'rounding' .

**TABLE 3**  
**ADULT/ADOLESCENT AND PEDIATRIC AIDS IN PENNSYLVANIA**  
**RACE/ETHNICITY BY SEX**  
**1980-2001 and 2002-2007**

|                       | 1980-2001 |         | 2002-2007^ |         | 1980-2007 TOTAL TO DATE |         |
|-----------------------|-----------|---------|------------|---------|-------------------------|---------|
|                       | number    | percent | number     | percent | number                  | percent |
| <b>MALE</b>           |           |         |            |         |                         |         |
| TOTAL                 | 21,630    |         | 5,702      |         | 27,332                  |         |
| TOTAL ADULT/ADOLESENT | 21,432    | 100     | 5,695      | 100     | 27,127                  | 100     |
| WHITE (NON-HISPANIC)  | 8,996     | 42      | 1,916      | 34      | 10,912                  | 40      |
| BLACK (NON-HISPANIC)  | 10,065    | 47      | 2,966      | 52      | 13,031                  | 48      |
| HISPANIC              | 2,237     | 10      | 702        | 12      | 2,939                   | 11      |
| ASIAN/PACIFIC         | 67        | 0       | 46         | 1       | 113                     | 0       |
| NATIVE AMERICAN       | 10        | 0       | 5          | 0       | 15                      | 0       |
| MULTIPLE RACE         | 57        | 0       | 60         | 1       | 117                     | 0       |
| TOTAL PEDIATRIC       | 198       | 100     | 7          | 100     | 205                     | 100     |
| WHITE (NON-HISPANIC)  | 39        | 20      | 0          | 0       | 39                      | 19      |
| BLACK (NON-HISPANIC)  | 112       | 57      | 7          | 100     | 119                     | 58      |
| HISPANIC              | 45        | 23      | 0          | 0       | 45                      | 22      |
| ASIAN/PACIFIC         | 2         | 1       | 0          | 0       | 2                       | 1       |
| NATIVE AMERICAN       | 0         | 0       | 0          | 0       | 0                       | 0       |
| MULTIPLE RACE         | 0         | 0       | 0          | 0       | 0                       | 0       |
| <b>FEMALE</b>         |           |         |            |         |                         |         |
| TOTAL                 | 5,286     |         | 2,403      |         | 7,689                   |         |
| TOTAL ADULT/ADOLESENT | 5,139     | 100     | 2,392      | 100     | 7,531                   | 100     |
| WHITE (NON-HISPANIC)  | 1,221     | 24      | 482        | 20      | 1,703                   | 23      |
| BLACK (NON-HISPANIC)  | 3,075     | 60      | 1,546      | 65      | 4,621                   | 61      |
| HISPANIC              | 809       | 16      | 334        | 14      | 1,143                   | 15      |
| ASIAN/PACIFIC         | 14        | 0       | 10         | 0       | 24                      | 0       |
| NATIVE AMERICAN       | 3         | 0       | 2          | 0       | 5                       | 0       |
| MULTIPLE RACE         | 17        | 0       | 18         | 1       | 35                      | 0       |
| TOTAL PEDIATRIC       | 147       | 100     | 11         | 100     | 158                     | 100     |
| WHITE (NON-HISPANIC)  | 23        | 16      | 5          | 45      | 28                      | 18      |
| BLACK (NON-HISPANIC)  | 102       | 69      | 6          | 55      | 108                     | 68      |
| HISPANIC              | 19        | 13      | 0          | 0       | 19                      | 12      |
| ASIAN/PACIFIC         | 1         | 1       | 0          | 0       | 1                       | 1       |
| NATIVE AMERICAN       | 1         | 1       | 0          | 0       | 1                       | 1       |
| MULTIPLE RACE         | 1         | 1       | 0          | 0       | 1                       | 1       |
| <b>BOTH SEXES</b>     |           |         |            |         |                         |         |
| TOTAL                 | 26,916    |         | 8,105      |         | 35,021                  |         |
| TOTAL ADULT/ADOLESENT | 26,571    | 100     | 8,087      | 100     | 34,658                  | 100     |
| WHITE (NON-HISPANIC)  | 10,217    | 38      | 2,398      | 30      | 12,615                  | 36      |
| BLACK (NON-HISPANIC)  | 13,140    | 49      | 4,512      | 56      | 17,652                  | 51      |
| HISPANIC              | 3,046     | 11      | 1,036      | 13      | 4,082                   | 12      |
| ASIAN/PACIFIC         | 81        | 0       | 56         | 1       | 137                     | 0       |
| NATIVE AMERICAN       | 13        | 0       | 7          | 0       | 20                      | 0       |
| MULTIPLE RACE         | 74        | 0       | 78         | 1       | 152                     | 0       |
| TOTAL PEDIATRIC       | 345       | 100     | 18         | 100     | 363                     | 100     |
| WHITE (NON-HISPANIC)  | 62        | 18      | 5          | 28      | 67                      | 18      |
| BLACK (NON-HISPANIC)  | 214       | 62      | 13         | 72      | 227                     | 63      |
| HISPANIC              | 64        | 19      | 0          | 0       | 64                      | 18      |
| ASIAN/PACIFIC         | 3         | 1       | 0          | 0       | 3                       | 1       |
| NATIVE AMERICAN       | 1         | 0       | 0          | 0       | 1                       | 0       |
| MULTIPLE RACE         | 1         | 0       | 0          | 0       | 1                       | 0       |

<sup>^</sup>The more recent pattern, 2002-2007 is a better reflection of current distribution of cases than the earlier, 1980-2001 or the total to date, 1980-2007.

Note: Percentages may not add to 100% due to 'rounding'.

**TABLE 4**  
**ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA**  
**AGE BY YEAR OF DIAGNOSIS**  
**2002-2007**

|                 | 2002^  |         | 2003^  |         | 2004^  |         | 2005^* |         | 2006^* |         | 2007^* |         | 1980-2007<br>TOTAL TO DATE |         |
|-----------------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|----------------------------|---------|
|                 | number | percent | number                     | percent |
| <b>ALL AGES</b> | 1,451  | 100     | 1,360  | 100     | 1,291  | 100     | 1,162  | 100     | 1,552  | 100     | 1,289  | 100     | 35,021                     | 100     |
| <b>0-12</b>     | 8      | 1       | 2      | 0       | 3      | 0       | 3      | 0       | 1      | 0       | 1      | 0       | 363                        | 1       |
| <b>13-19</b>    | 12     | 1       | 17     | 1       | 16     | 1       | 20     | 2       | 17     | 1       | 16     | 1       | 264                        | 1       |
| <b>20-29</b>    | 141    | 10      | 160    | 12      | 156    | 12      | 129    | 11      | 166    | 11      | 169    | 13      | 5,266                      | 15      |
| <b>30-39</b>    | 530    | 37      | 468    | 34      | 368    | 29      | 302    | 26      | 420    | 27      | 313    | 24      | 13,877                     | 40      |
| <b>40-49</b>    | 509    | 35      | 452    | 33      | 471    | 36      | 470    | 40      | 558    | 36      | 479    | 37      | 10,383                     | 30      |
| <b>OVER 49</b>  | 251    | 17      | 261    | 19      | 277    | 21      | 238    | 20      | 390    | 25      | 311    | 24      | 4,868                      | 14      |

NOTE: 1. ^Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and  
 \*partially due to reporting delays.

2. Percentages may not add to 100% due to 'rounding' .

**TABLE 5**  
**ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA**  
**MODE OF TRANSMISSION BY YEAR OF DIAGNOSIS**

2002-2007

|                          | 2002^  |         | 2003^  |         | 2004^  |         | 2005^** |         | 2006^** |         | 2007^** |         | 1980-2007<br>TOTAL TO DATE |         |
|--------------------------|--------|---------|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|----------------------------|---------|
|                          | number | percent | number | percent | number | percent | number  | percent | number  | percent | number  | percent | number                     | percent |
| ALL MODES                | 1,451  | 100     | 1,360  | 100     | 1,291  | 100     | 1,162   | 100     | 1,552   | 100     | 1,289   | 100     | 35,021                     | 100     |
| MEN SEX W/MEN (MSM)      | 366    | 25      | 363    | 27      | 376    | 29      | 338     | 29      | 435     | 28      | 368     | 29      | 13,293                     | 38      |
| INJECTING DRUG USE (IDU) | 446    | 31      | 374    | 28      | 321    | 25      | 273     | 23      | 360     | 23      | 237     | 18      | 10,974                     | 31      |
| MSM & IDU                | 48     | 3       | 39     | 3       | 32     | 2       | 27      | 2       | 45      | 3       | 22      | 2       | 1,746                      | 5       |
| COAGULATION DISORDER     | 1      | 0       | 3      | 0       | 5      | 0       | 1       | 0       | 2       | 0       | 3       | 0       | 249                        | 1       |
| HETEROSEXUAL CONTACT     | 482    | 33      | 456    | 34      | 438    | 34      | 413     | 36      | 553     | 36      | 550     | 43      | 6,680                      | 19      |
| TRANSFUSION RECEIVED     | 2      | 0       | 5      | 0       | 3      | 0       | 2       | 0       | 5       | 0       | 1       | 0       | 284                        | 1       |
| UNDETERMINED/OTHER**     | 96     | 7       | 116    | 9       | 110    | 9       | 103     | 9       | 147     | 9       | 105     | 8       | 1,392                      | 4       |
| ALL PEDIATRIC MODES*     | 10     | 1       | 4      | 0       | 6      | 0       | 5       | 0       | 5       | 0       | 3       | 0       | 403                        | 1       |

NOTE: 1. ^Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and  
\*partially due to reporting delays.

\*There are 40 adults cases which are assigned pediatric modes since infection is believed to have occurred before age 13.

\*\*1390 Cases remain under investigation; 2 are confirmed occupational exposure.

Note: Percentages may not add to 100% due to 'rounding' .

**TABLE 6**  
**AIDS IN PENNSYLVANIA**  
**MODE OF TRANSMISSION BY RACE/ETHNICITY**  
**1980-2001 AND 2002-2007**

| WHITE NON-HISPANIC<br>number percent |        | BLACK NON-HISPANIC<br>number percent |        | HISPANIC<br>number percent |       | ASIAN/PACIFIC<br>number percent |    | NATIVE AMERICAN<br>number percent |    | MULTIPLE RACE<br>number percent |    | ALL RACES<br>number percent |        |     |
|--------------------------------------|--------|--------------------------------------|--------|----------------------------|-------|---------------------------------|----|-----------------------------------|----|---------------------------------|----|-----------------------------|--------|-----|
| 1980-2001                            |        |                                      |        |                            |       |                                 |    |                                   |    |                                 |    |                             |        |     |
| ALL MODES                            | 10,279 | 100                                  | 13,354 | 100                        | 3,110 | 100                             | 84 | 100                               | 14 | 100                             | 75 | 100                         | 26,916 | 100 |
| MEN SEX W/MEN (MSM)                  | 6,431  | 63                                   | 4,092  | 31                         | 442   | 14                              | 42 | 50                                | 7  | 50                              | 33 | 44                          | 11,047 | 41  |
| INJECTING DRUG USE (IDU)             | 1,788  | 17                                   | 5,417  | 41                         | 1,729 | 56                              | 7  | 8                                 | 4  | 29                              | 18 | 24                          | 8,963  | 33  |
| MSM & IDU                            | 522    | 5                                    | 848    | 6                          | 156   | 5                               | 1  | 1                                 | 0  | 0                               | 6  | 8                           | 1,533  | 6   |
| COAGULATION DISORDER                 | 215    | 2                                    | 13     | 0                          | 5     | 0                               | 0  | 0                                 | 0  | 0                               | 1  | 1                           | 234    | 1   |
| HETEROSEXUAL CONTACT                 | 794    | 8                                    | 2,356  | 18                         | 603   | 19                              | 21 | 25                                | 1  | 7                               | 13 | 17                          | 3,788  | 14  |
| TRANSFUSION RECEIVED                 | 192    | 2                                    | 58     | 0                          | 10    | 0                               | 6  | 7                                 | 0  | 0                               | 0  | 0                           | 266    | 1   |
| UNDETERMINED/OTHER**                 | 254    | 2                                    | 353    | 3                          | 100   | 3                               | 4  | 5                                 | 1  | 7                               | 3  | 4                           | 715    | 3   |
| ALL PEDIATRIC MODES***               | 83     | 1                                    | 217    | 2                          | 65    | 2                               | 3  | 4                                 | 1  | 7                               | 1  | 1                           | 370    | 1   |

\*\* 713 cases remain under investigation; 2 are confirmed occupational exposure.

\*\*\* There are 25 adult cases which are assigned pediatric modes since infection is believed to have occurred before age 13.

| 2002-2007^               |       |       |       |     |     |       |    |     |   |       |    |     |       |    |  |
|--------------------------|-------|-------|-------|-----|-----|-------|----|-----|---|-------|----|-----|-------|----|--|
| ALL MODES                |       | 2,403 |       | 100 |     | 4,525 |    | 100 |   | 1,036 |    | 100 |       | 56 |  |
| MEN SEX W/MEN (MSM)      | 1,104 | 46    | 965   | 21  | 128 | 12    | 16 | 29  | 2 | 29    | 31 | 40  | 2,246 | 28 |  |
| INJECTING DRUG USE (IDU) | 426   | 18    | 1,188 | 26  | 367 | 35    | 8  | 14  | 1 | 14    | 21 | 27  | 2,011 | 25 |  |
| MSM & IDU                | 68    | 3     | 120   | 3   | 23  | 2     | 1  | 2   | 0 | 0     | 1  | 1   | 213   | 3  |  |
| COAGULATION DISORDER     | 10    | 0     | 1     | 0   | 4   | 0     | 0  | 0   | 0 | 0     | 0  | 0   | 15    | 0  |  |
| HETEROSEXUAL CONTACT     | 522   | 22    | 1,953 | 43  | 373 | 36    | 25 | 45  | 4 | 57    | 15 | 19  | 2,892 | 36 |  |
| TRANSFUSION RECEIVED     | 11    | 0     | 7     | 0   | 0   | 0     | 0  | 0   | 0 | 0     | 0  | 0   | 18    | 0  |  |
| UNDETERMINED             | 254   | 11    | 269   | 6   | 138 | 13    | 6  | 11  | 0 | 0     | 10 | 13  | 677   | 8  |  |
| ALL PEDIATRIC MODES***   | 8     | 0     | 22    | 0   | 3   | 0     | 0  | 0   | 0 | 0     | 0  | 0   | 33    | 0  |  |

\*\*\* There are 15 adult cases which are assigned pediatric modes since infection is believed to have occurred before age 13.

<sup>^</sup>The more recent pattern, 2002-2007 is a better reflection of current distribution than the earlier, 1980-2001.

Percentages may not add to 100% due to rounding.

**TABLE 7A**  
**AIDS IN PENNSYLVANIA**  
**CASES INFECTED BEFORE AGE 13\* BY MODE OF TRANSMISSION**

1980-2001 AND 2002-2007

| MODE OF TRANSMISSION  | 1980-2001 |         | 2002-2007^ |         | TOTAL TO DATE<br>1980-2007 |         |
|-----------------------|-----------|---------|------------|---------|----------------------------|---------|
|                       | number    | percent | number     | percent | number                     | percent |
| ALL PEDIATRIC MODES   | 370       | 100     | 33         | 100     | 403                        | 100     |
| COAGULATION DISORDER  | 25        | 7       | 1          | 3       | 26                         | 6       |
| MOTHER WITH HIV       | 321       | 87      | 27         | 82      | 348                        | 86      |
| (Mother's Mode)       |           |         |            |         |                            |         |
| INJECT DRUGS(IDU)     | 129       | 35      | 6          | 18      | 135                        | 33      |
| SEX W/IDU             | 69        | 19      | 8          | 24      | 77                         | 19      |
| SEX W/BISEXUAL        | 9         | 2       | 0          | 0       | 9                          | 2       |
| SEX W/COAGULATION DIS | 5         | 1       | 0          | 0       | 5                          | 1       |
| SEX W/TRANSFUSION REC | 2         | 1       | 0          | 0       | 2                          | 0       |
| SEX W/HIV INFECTED    | 54        | 15      | 8          | 24      | 62                         | 15      |
| TRANSFUSION REC       | 3         | 1       | 0          | 0       | 3                          | 1       |
| HIV (NO MODE SPEC)    | 50        | 14      | 5          | 15      | 55                         | 14      |
| TRANSFUSION RECEIVED  | 9         | 2       | 1          | 3       | 10                         | 2       |
| UNDETERMINED/OTHER    | 15        | 4       | 4          | 12      | 19                         | 5       |

\* Includes 40 cases which were diagnosed with AIDS when 13 or older.

^The more recent pattern, 2002-2007 is a better reflection of current distribution than the earlier, 1980-2001, or the total to date, 1980-2007.

Percentages may not add to 100% due to rounding.

**TABLE 7B**  
**HIV (NON-AIDS) IN PENNSYLVANIA**  
**CASES INFECTED BEFORE AGE 13 BY MODE OF TRANSMISSION**  
**2002-2007**

| MODE OF TRANSMISSION         | 2002-2007 |         | TOTAL TO DATE* |         |
|------------------------------|-----------|---------|----------------|---------|
|                              | number    | percent | number         | percent |
| ALL PEDIATRIC MODES          | 66        | 100     | 235            | 100     |
| COAGULATION DISORDER         | 0         | 0       | 5              | 2       |
| MOTHER WITH HIV              | 62        | 94      | 213            | 91      |
| (Mother's Mode)              |           |         |                |         |
| <i>INJECT DRUGS(IDU)</i>     | 17        | 26      | 82             | 35      |
| <i>SEX W/IDU</i>             | 5         | 8       | 21             | 9       |
| <i>SEX W/BISEXUAL</i>        | 0         | 0       | 1              | 0       |
| <i>SEX W/COAGULATION DIS</i> | 0         | 0       | 0              | 0       |
| <i>SEX W/TRANSFUSION REC</i> | 0         | 0       | 0              | 0       |
| <i>SEX W/HIV INFECTED</i>    | 34        | 52      | 78             | 33      |
| <i>TRANSFUSION REC</i>       | 0         | 0       | 0              | 0       |
| <i>HIV (NO MODE SPEC)</i>    | 6         | 9       | 31             | 13      |
| TRANSFUSION RECEIVED         | 1         | 2       | 2              | 1       |
| UNDETERMINED/OTHER           | 3         | 5       | 15             | 6       |

Note: Percentages may not add up to 100% due to rounding.

\*Includes cases diagnosed before 2002 and cumulative through December 31, 2007.

**TABLE 8**  
**AIDS IN PENNSYLVANIA**  
**AIDS DEFINING ILLNESSES BY TIME INTERVAL OF DIAGNOSIS**  
**1980-2001 AND 2002-2007**

|            | CONDITION PRESENTING AT AIDS DIAGNOSIS* | 1980-2001 |         | 2002-2007^ |         | TOTAL TO DATE |         |
|------------|---|-----------|---------|------------|---------|---------------|---------|
|            |   | number    | percent | number     | percent | number        | percent |
| MALES      | Immunological                           | 10,821    | 50%     | 4,839      | 85%     | 15,660        | 57%     |
|            | Pneumocystis Carinii Pneumonia          | 4,963     | 23%     | 545        | 10%     | 5,508         | 20%     |
|            | Wasting Syndrome                        | 2,525     | 12%     | 391        | 7%      | 2,916         | 11%     |
|            | Candidiasis, Esophagus                  | 2,001     | 9%      | 214        | 4%      | 2,215         | 8%      |
|            | Chronic Mucocutaneous Herpes Simplex    | 986       | 5%      | 135        | 2%      | 1,121         | 4%      |
|            | Kaposi's Sarcoma                        | 963       | 4%      | 48         | 1%      | 1,011         | 4%      |
|            | Cryptococcosis                          | 681       | 3%      | 63         | 1%      | 744           | 3%      |
|            | HIV Encephalopathy                      | 654       | 3%      | 54         | 1%      | 708           | 3%      |
|            | Cytomegalovirus Disease                 | 573       | 3%      | 54         | 1%      | 627           | 2%      |
|            | All Other Diagnoses                     | 3,634     | 17%     | 375        | 7%      | 4,009         | 15%     |
| FEMALES    | Immunological                           | 2,996     | 57%     | 1,980      | 82%     | 4,976         | 65%     |
|            | Pneumocystis Carinii Pneumonia          | 875       | 17%     | 197        | 8%      | 1,072         | 14%     |
|            | Wasting Syndrome                        | 582       | 11%     | 151        | 6%      | 733           | 10%     |
|            | Candidiasis, Esophagus                  | 509       | 10%     | 102        | 4%      | 611           | 8%      |
|            | Chronic Mucocutaneous Herpes Simplex    | 371       | 7%      | 107        | 4%      | 478           | 6%      |
|            | Pneumonia, Recurrent                    | 220       | 4%      | 48         | 2%      | 268           | 3%      |
|            | Mycobacterium Avian Complex             | 108       | 2%      | 20         | 1%      | 128           | 2%      |
|            | HIV Encephalopathy                      | 112       | 2%      | 15         | 1%      | 127           | 2%      |
|            | Cytomegalovirus Disease                 | 107       | 2%      | 18         | 1%      | 125           | 2%      |
|            | All Other Diagnoses                     | 658       | 12%     | 138        | 6%      | 796           | 10%     |
| BOTH SEXES | Immunological                           | 13,817    | 51%     | 6,819      | 84%     | 20,636        | 59%     |
|            | Pneumocystis Carinii Pneumonia          | 5,838     | 22%     | 742        | 9%      | 6,580         | 19%     |
|            | Wasting Syndrome                        | 3,107     | 12%     | 542        | 7%      | 3,649         | 10%     |
|            | Candidiasis, Esophagus                  | 2,510     | 9%      | 316        | 4%      | 2,826         | 8%      |
|            | Chronic Mucocutaneous Herpes Simplex    | 1,357     | 5%      | 242        | 3%      | 1,599         | 5%      |
|            | Kaposi's Sarcoma                        | 983       | 4%      | 53         | 1%      | 1,036         | 3%      |
|            | Pneumonia, Recurrent                    | 746       | 3%      | 130        | 2%      | 876           | 3%      |
|            | HIV Encephalopathy                      | 766       | 3%      | 69         | 1%      | 835           | 2%      |
|            | Cryptococcosis                          | 754       | 3%      | 78         | 1%      | 832           | 2%      |
|            | All Other Diagnoses                     | 4,461     | 17%     | 503        | 6%      | 4,964         | 14%     |

Note: Only includes conditions found at the time of diagnosis of AIDS.

Percentages total more than 100 because one case may have several conditions diagnosed.

\*The nine most common conditions among all males, among all females, and among all cases are listed.

^ The more recent pattern, 2002-2007, is a better reflection of current distribution of cases than the earlier, 1980-2001, or the total to date, 1980-2007

TABLE 9A  
CUMULATIVE CASES FOR AIDS IN PENNSYLVANIA  
MORTALITY STATUS BY COUNTY OF RESIDENCE  
1980-2007

| COUNTY         | PRESUMED<br>ALIVE | REPORTED<br>DEAD | CUMULATIVE<br>CASES | COUNTY      | PRESUMED<br>ALIVE | REPORTED<br>DEAD | CUMULATIVE<br>CASES |
|----------------|-------------------|------------------|---------------------|-------------|-------------------|------------------|---------------------|
| PHILADELPHIA   | 10,062            | 9,562            | 19,624              | BUTLER      | 29                | 35               | 64                  |
| ALLEGHENY      | 1,173             | 1,428            | 2,601               | CLEARFIELD  | 39                | 23               | 62                  |
| DELAWARE       | 724               | 778              | 1,502               | LAWRENCE    | 26                | 34               | 60                  |
| MONTGOMERY     | 457               | 522              | 979                 | PIKE        | 32                | 28               | 60                  |
| DAUPHIN        | 452               | 440              | 892                 | CRAWFORD    | 28                | 29               | 57                  |
| BERKS          | 496               | 383              | 879                 | ARMSTRONG   | 20                | 23               | 43                  |
| LEHIGH         | 479               | 339              | 818                 | COLUMBIA    | 24                | 16               | 40                  |
| LANCASTER      | 415               | 376              | 791                 | CARBON      | 21                | 17               | 38                  |
| BUCKS          | 337               | 397              | 734                 | INDIANA     | 16                | 20               | 36                  |
| YORK           | 398               | 304              | 702                 | MCKEAN      | 18                | 16               | 34                  |
| CHESTER        | 253               | 302              | 555                 | BRADFORD    | 15                | 18               | 33                  |
| NORTHAMPTON    | 233               | 201              | 434                 | VENANGO     | 10                | 22               | 32                  |
| CUMBERLAND     | 209               | 125              | 334                 | GREENE      | 17                | 14               | 31                  |
| LUZERNE        | 163               | 166              | 329                 | PERRY       | 16                | 13               | 29                  |
| ERIE           | 165               | 144              | 309                 | TIOGA       | 8                 | 15               | 23                  |
| LYCOMING       | 153               | 122              | 275                 | WARREN      | 14                | 9                | 23                  |
| LACKAWANNA     | 134               | 111              | 245                 | SUSQUEHANNA | 11                | 11               | 22                  |
| MONROE         | 128               | 107              | 235                 | WYOMING     | 11                | 11               | 22                  |
| WESTMORELAND   | 95                | 134              | 229                 | BEDFORD     | 12                | 8                | 20                  |
| SCHUYLKILL     | 92                | 53               | 145                 | MIFFLIN     | 8                 | 12               | 20                  |
| BEAVER         | 73                | 66               | 139                 | SNYDER      | 10                | 9                | 19                  |
| LEBANON        | 73                | 66               | 139                 | MONTOUR     | 9                 | 8                | 17                  |
| CAMBRIA        | 78                | 58               | 136                 | JEFFERSON   | 6                 | 9                | 15                  |
| WASHINGTON     | 61                | 71               | 132                 | JUNIATA     | 7                 | 5                | 12                  |
| FRANKLIN       | 64                | 50               | 114                 | CLARION     | 7                 | 4                | 11                  |
| CENTRE         | 59                | 49               | 108                 | CLINTON     | 3                 | 7                | 10                  |
| UNION          | 75                | 29               | 104                 | POTTER      | 3                 | 5                | 8                   |
| NORTHUMBERLAND | 61                | 42               | 103                 | ELK         | 2                 | 4                | 6                   |
| WAYNE          | 45                | 50               | 95                  | SULLIVAN    | 3                 | 3                | 6                   |
| BLAIR          | 50                | 44               | 94                  | FOREST      | 4                 | 1                | 5                   |
| MERCER         | 43                | 40               | 83                  | FULTON      | 4                 | 0                | 4                   |
| HUNTINGDON     | 55                | 27               | 82                  | CAMERON     | 0                 | 0                | 0                   |
| SOMERSET       | 46                | 30               | 76                  |             |                   |                  |                     |
| FAYETTE        | 39                | 35               | 74                  |             |                   |                  |                     |
| ADAMS          | 33                | 35               | 68                  | STATE TOTAL | 17,906            | 17,115           | 35,021              |

**TABLE 9B**  
**CUMULATIVE CASES FOR HIV (NON-AIDS) IN PENNSYLVANIA\***  
**MORTALITY STATUS BY COUNTY OF RESIDENCE**

| COUNTY       | PRESUMED<br>ALIVE | REPORTED<br>DEAD | CUMULATIVE<br>CASES |
|--------------|-------------------|------------------|---------------------|
| PHILADELPHIA | 6,170             | 218              | 6,388               |
| ALLEGHENY    | 1,000             | 48               | 1,048               |
| DELAWARE     | 556               | 34               | 590                 |
| MONTGOMERY   | 443               | 13               | 456                 |
| DAUPHIN      | 383               | 15               | 398                 |
| BERKS        | 368               | 19               | 387                 |
| LEHIGH       | 316               | 13               | 329                 |
| LANCASTER    | 310               | 12               | 322                 |
| YORK         | 269               | 9                | 278                 |
| BUCKS        | 249               | 7                | 256                 |
| CHESTER      | 203               | 8                | 211                 |
| NORTHAMPTON  | 182               | 8                | 190                 |
| CUMBERLAND   | 174               | 6                | 180                 |
| LUZERNE      | 146               | 8                | 154                 |
| ERIE         | 126               | 1                | 127                 |
| LYCOMING     | 105               | 2                | 107                 |
| LACKAWANNA   | 95                | 8                | 103                 |
| MONROE       | 95                | 7                | 102                 |
| CENTRE       | 49                | 2                | 51                  |
| FRANKLIN     | 48                | 3                | 51                  |
| WESTMORELAND | 50                | 0                | 50                  |
| LEBANON      | 48                | 0                | 48                  |
| WASHINGTON   | 48                | 0                | 48                  |
| UNION        | 45                | 0                | 45                  |
| CAMBRIA      | 42                | 2                | 44                  |
| SCHUYLKILL   | 40                | 4                | 44                  |
| BLAIR        | 32                | 3                | 35                  |
| CRAWFORD     | 32                | 1                | 33                  |
| SOMERSET     | 27                | 3                | 30                  |
| BEAVER       | 27                | 2                | 29                  |
| BUTLER       | 28                | 1                | 29                  |
| CLEARFIELD   | 27                | 1                | 28                  |
| HUNTINGDON   | 28                | 0                | 28                  |
| WAYNE        | 28                | 0                | 28                  |
| MERCER       | 27                | 0                | 27                  |

| COUNTY         | PRESUMED<br>ALIVE | REPORTED<br>DEAD | CUMULATIVE<br>CASES |
|----------------|-------------------|------------------|---------------------|
| NORTHUMBERLAND | 26                | 0                | 26                  |
| PIKE           | 23                | 3                | 26                  |
| FAYETTE        | 23                | 1                | 24                  |
| COLUMBIA       | 18                | 1                | 19                  |
| INDIANA        | 19                | 0                | 19                  |
| ADAMS          | 18                | 0                | 18                  |
| BRADFORD       | 18                | 0                | 18                  |
| CARBON         | 15                | 1                | 16                  |
| LAWRENCE       | 13                | 1                | 14                  |
| PERRY          | 14                | 0                | 14                  |
| GREENE         | 12                | 1                | 13                  |
| TIOGA          | 11                | 1                | 12                  |
| BEDFORD        | 9                 | 1                | 10                  |
| WARREN         | 9                 | 1                | 10                  |
| JEFFERSON      | 9                 | 0                | 9                   |
| ARMSTRONG      | 7                 | 1                | 8                   |
| FOREST         | 8                 | 0                | 8                   |
| SUSQUEHANNA    | 8                 | 0                | 8                   |
| VENANGO        | 8                 | 0                | 8                   |
| JUNIATA        | 7                 | 0                | 7                   |
| MCKEAN         | 6                 | 1                | 7                   |
| MIFFLIN        | 6                 | 1                | 7                   |
| MONTOUR        | 5                 | 1                | 6                   |
| CLINTON        | 5                 | 0                | 5                   |
| SNYDER         | 5                 | 0                | 5                   |
| WYOMING        | 5                 | 0                | 5                   |
| FULTON         | 3                 | 0                | 3                   |
| CLARION        | 2                 | 0                | 2                   |
| ELK            | 2                 | 0                | 2                   |
| SULLIVAN       | 2                 | 0                | 2                   |
| POTTER         | 1                 | 0                | 1                   |
| CAMERON        | 0                 | 0                | 0                   |
| STATE TOTAL    | 12,133            | 473              | 12,606              |

\*Includes only persons with HIV infection that has not progressed to AIDS.

**TABLE 10**  
**ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA**  
**BY COUNTY OF RESIDENCE**  
**2002-2007**

| COUNTY     | 2002^ | 2003^ | 2004^ | 2005^* | 2006^* | 2007^* | 2006 INCIDENCE<br>PER 100,000** |
|------------|-------|-------|-------|--------|--------|--------|---------------------------------|
| Adams      | 3     | 1     | 1     | 1      | 5      | 4      | 4.95                            |
| Allegheny  | 108   | 90    | 91    | 87     | 74     | 92     | 6.05                            |
| Armstrong  | 3     | 1     | 1     | 0      | 3      | 2      | 4.28                            |
| Beaver     | 6     | 3     | 6     | 7      | 6      | 7      | 3.41                            |
| Bedford    | 1     | 1     | 0     | 1      | 2      | 0      | 4.01                            |
| Berks      | 36    | 32    | 24    | 20     | 53     | 34     | 13.21                           |
| Blair      | 3     | 3     | 6     | 2      | 9      | 5      | 7.11                            |
| Bradford   | 0     | 0     | 0     | 0      | 2      | 1      | 3.20                            |
| Bucks      | 14    | 18    | 18    | 29     | 35     | 21     | 5.62                            |
| Butler     | 2     | 1     | 1     | 4      | 3      | 2      | 1.64                            |
| Cambria    | 3     | 5     | 3     | 5      | 6      | 9      | 4.08                            |
| Cameron    | 0     | 0     | 0     | 0      | 0      | 0      | 0.00                            |
| Carbon     | 0     | 3     | 2     | 3      | 2      | 2      | 3.20                            |
| Centre     | 2     | 3     | 0     | 4      | 10     | 3      | 7.09                            |
| Chester    | 21    | 20    | 21    | 14     | 20     | 24     | 4.15                            |
| Clarion    | 1     | 0     | 0     | 0      | 1      | 2      | 2.48                            |
| Clearfield | 3     | 2     | 2     | 2      | 1      | 1      | 1.21                            |
| Clinton    | 0     | 0     | 1     | 0      | 2      | 0      | 5.37                            |
| Columbia   | 1     | 1     | 1     | 0      | 1      | 2      | 1.54                            |
| Crawford   | 4     | 2     | 1     | 0      | 2      | 2      | 2.24                            |
| Cumberland | 21    | 10    | 7     | 18     | 17     | 9      | 7.52                            |
| Dauphin    | 20    | 23    | 21    | 10     | 34     | 31     | 13.38                           |
| Delaware   | 39    | 49    | 59    | 43     | 101    | 74     | 18.17                           |
| Elk        | 0     | 1     | 0     | 0      | 0      | 0      | 0.00                            |
| Erie       | 13    | 8     | 10    | 14     | 9      | 17     | 3.22                            |
| Fayette    | 2     | 1     | 2     | 5      | 7      | 2      | 4.80                            |
| Forest     | 0     | 0     | 0     | 1      | 3      | 0      | 46.11                           |
| Franklin   | 1     | 5     | 4     | 7      | 2      | 5      | 1.43                            |
| Fulton     | 0     | 0     | 0     | 0      | 1      | 1      | 6.76                            |
| Greene     | 0     | 0     | 0     | 2      | 3      | 2      | 7.42                            |
| Huntingdon | 1     | 1     | 1     | 3      | 9      | 4      | 19.66                           |
| Indiana    | 1     | 4     | 0     | 2      | 1      | 1      | 1.13                            |
| Jefferson  | 0     | 0     | 0     | 0      | 2      | 0      | 4.37                            |
| Juniata    | 1     | 0     | 1     | 0      | 0      | 3      | 0.00                            |
| Lackawanna | 8     | 6     | 9     | 9      | 10     | 14     | 4.77                            |

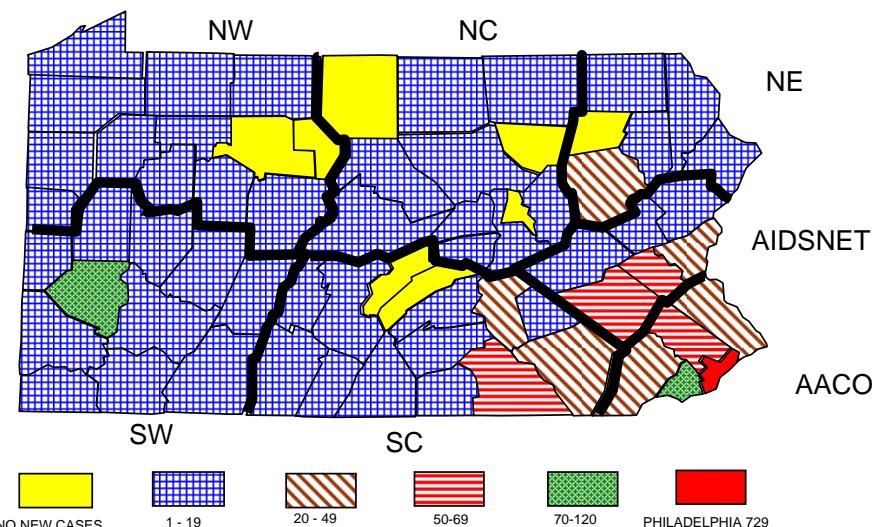
| COUNTY         | 2002^ | 2003^ | 2004^ | 2005^* | 2006^* | 2007^* | 2006 INCIDENCE<br>PER 100,000** |
|----------------|-------|-------|-------|--------|--------|--------|---------------------------------|
| Lancaster      | 26    | 27    | 20    | 16     | 42     | 20     | 8.49                            |
| Lawrence       | 4     | 0     | 1     | 1      | 4      | 3      | 4.36                            |
| Lebanon        | 3     | 2     | 2     | 2      | 10     | 5      | 7.88                            |
| Lehigh         | 27    | 32    | 30    | 26     | 59     | 38     | 17.58                           |
| Luzerne        | 13    | 12    | 6     | 10     | 24     | 16     | 7.67                            |
| Lycoming       | 6     | 8     | 6     | 9      | 13     | 11     | 11.05                           |
| McKean         | 3     | 1     | 1     | 0      | 2      | 0      | 4.54                            |
| Mercer         | 0     | 6     | 5     | 2      | 7      | 5      | 5.90                            |
| Mifflin        | 0     | 1     | 0     | 1      | 0      | 0      | 0.00                            |
| Monroe         | 13    | 12    | 9     | 6      | 17     | 12     | 10.26                           |
| Montgomery     | 26    | 31    | 41    | 33     | 59     | 34     | 7.61                            |
| Montour        | 1     | 1     | 0     | 0      | 0      | 2      | 0.00                            |
| Northampton    | 20    | 16    | 11    | 20     | 34     | 23     | 11.67                           |
| Northumberland | 4     | 1     | 3     | 3      | 10     | 4      | 10.91                           |
| Perry          | 1     | 1     | 1     | 0      | 3      | 1      | 6.65                            |
| Philadelphia   | 915   | 866   | 804   | 684    | 729    | 675    | 50.33                           |
| Pike           | 4     | 0     | 3     | 2      | 3      | 2      | 5.16                            |
| Potter         | 0     | 0     | 0     | 1      | 0      | 0      | 0.00                            |
| Schuylkill     | 8     | 2     | 3     | 3      | 14     | 9      | 9.50                            |
| Snyder         | 1     | 0     | 0     | 0      | 2      | 0      | 5.23                            |
| Somerset       | 2     | 1     | 4     | 3      | 3      | 1      | 3.82                            |
| Sullivan       | 0     | 0     | 0     | 0      | 0      | 0      | 0.00                            |
| Susquehanna    | 0     | 2     | 1     | 1      | 2      | 1      | 4.77                            |
| Tioga          | 1     | 0     | 1     | 0      | 3      | 0      | 7.29                            |
| Union          | 6     | 8     | 3     | 1      | 3      | 3      | 6.91                            |
| Venango        | 1     | 0     | 0     | 1      | 1      | 0      | 1.80                            |
| Warren         | 0     | 3     | 4     | 0      | 2      | 1      | 4.79                            |
| Washington     | 4     | 3     | 2     | 6      | 9      | 5      | 4.36                            |
| Wayne          | 1     | 1     | 2     | 7      | 5      | 2      | 9.82                            |
| Westmoreland   | 9     | 3     | 7     | 6      | 5      | 7      | 1.36                            |
| Wyoming        | 0     | 1     | 0     | 0      | 0      | 1      | 0.00                            |
| York           | 34    | 25    | 28    | 25     | 51     | 32     | 12.25                           |
| STATE TOTAL    | 1,451 | 1,360 | 1,291 | 1,162  | 1,552  | 1,289  | 12.48                           |

<sup>A</sup>Decline in AIDS incidence may be due to decrease in AIDS diagnosis attributable to improved antiretroviral therapy and

<sup>\*</sup>partially due to reporting delays.

<sup>\*\*</sup>Rates based on estimated 2006 population.

FIGURE 3  
ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA  
NUMBER OF NEW CASES IN EACH COUNTY  
2006



AACO=AIDS Activities Coordinating Office

AIDSNET = AIDSNET

NE = Northeastern Regional AIDS Planning Coalition

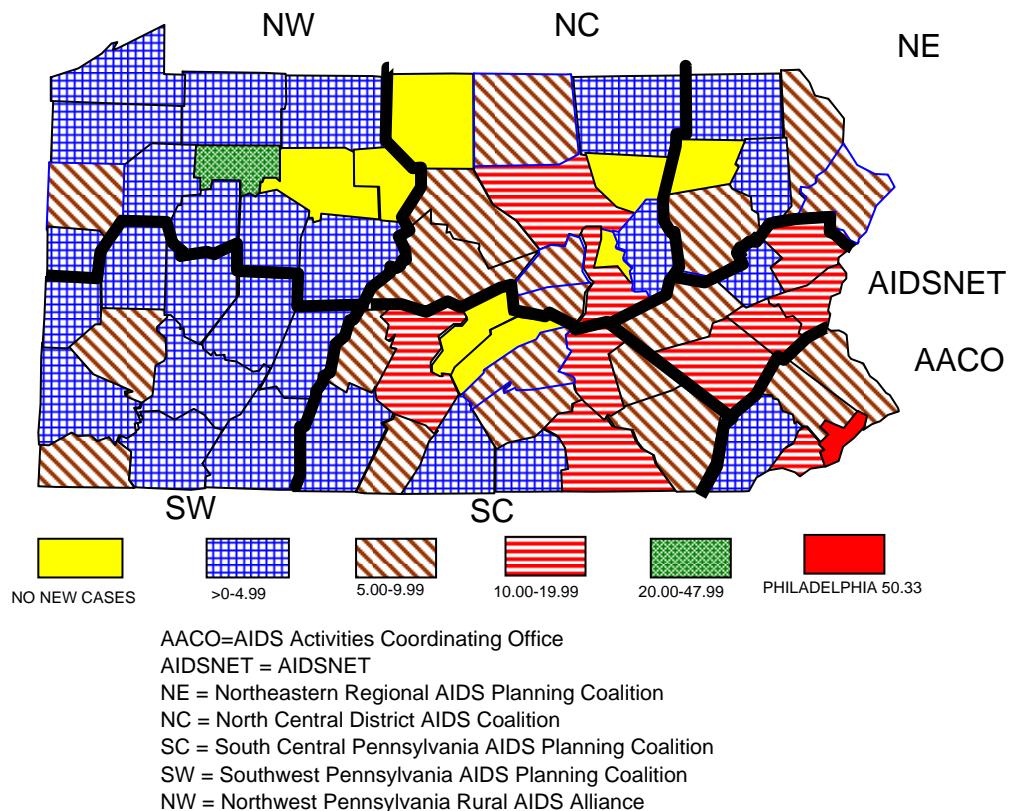
NC = North Central District AIDS Coalition

SC = South Central Pennsylvania AIDS Planning Coalition

SW = Southwest Pennsylvania AIDS Planning Coalition

NW = Northwest Pennsylvania Rural AIDS Alliance

FIGURE 4  
 ANNUAL INCIDENCE FOR AIDS IN PENNSYLVANIA  
 INCIDENCE RATE\* (PER 100,000) FOR EACH COUNTY  
 2006



- Notes:
1. Note: Incidence rates are based on estimated 2006 population.
  2. These counties had 20% or more of their 2006 AIDS cases diagnosed in correctional facilities so their rates may be higher than that of similar counties without major correctional institutions:  
**FULTON, GREENE, HUNTINGDON, FOREST, SOMERSET, UNION, CUMBERLAND, SCHUYLKILL, CENTRE, NORTHUMBERLAND, WESTMORELAND**

**TABLE 11A**  
**AIDS IN PENNSYLVANIA**  
**CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS**  
**1980-2007**

|   |  | 1980-2001 |         | 2002-2007^ |         | TOTAL TO DATE<br>1980-2007 |         | PRESUMED<br>LIVING |         |
|---|--|-----------|---------|------------|---------|----------------------------|---------|--------------------|---------|
|   |  | number    | percent | number     | percent | number                     | percent | number             | percent |
|   | TOTAL  | 26,916    | 100%    | 8,105      | 100%    | 35,021                     | 100%    | 17,906             | 100%    |
| SEX   | MALE   | 21,630    | 80%     | 5,702      | 70%     | 27,332                     | 78%     | 13,170             | 74%     |
|   | FEMALE   | 5,286     | 20%     | 2,403      | 30%     | 7,689                      | 22%     | 4,736              | 26%     |
| RACE/ETHNIC   | WHITE(NON-HISP)                                    | 10,279    | 38%     | 2,403      | 30%     | 12,682                     | 36%     | 5,841              | 33%     |
|   | BLACK(NON-HISP)                                    | 13,354    | 50%     | 4,525      | 56%     | 17,879                     | 51%     | 9,364              | 52%     |
|   | HISPANIC   | 3,110     | 12%     | 1,036      | 13%     | 4,146                      | 12%     | 2,474              | 14%     |
|   | ASIAN/PACIFIC                                      | 84        | 0%      | 56         | 1%      | 140                        | 0%      | 95                 | 1%      |
|   | NATIVE AMERICAN                                    | 14        | 0%      | 7          | 0%      | 21                         | 0%      | 11                 | 0%      |
|   | MULTIPLE RACE                                      | 75        | 0%      | 78         | 1%      | 153                        | 0%      | 121                | 1%      |
| AGE (YEARS)   | 0-12 (PEDIATRIC)                                   | 345       | 1%      | 18         | 0%      | 363                        | 1%      | 209                | 1%      |
|   | 13-19  | 166       | 1%      | 98         | 1%      | 264                        | 1%      | 183                | 1%      |
|   | 20-29  | 4,345     | 16%     | 921        | 11%     | 5,266                      | 15%     | 2,758              | 15%     |
|   | 30-39  | 11,476    | 43%     | 2,401      | 30%     | 13,877                     | 40%     | 6,962              | 39%     |
|   | 40-49  | 7,444     | 28%     | 2,939      | 36%     | 10,383                     | 30%     | 5,507              | 31%     |
|   | OVER 49  | 3,140     | 12%     | 1,728      | 21%     | 4,868                      | 14%     | 2,287              | 13%     |
| MODE OF TRANS   | MEN SEX W/MEN (MSM)                                | 11,047    | 41%     | 2,246      | 28%     | 13,293                     | 38%     | 5,789              | 32%     |
|   | INJECTING DRUG(IDU)                                | 8,963     | 33%     | 2,011      | 25%     | 10,974                     | 31%     | 5,418              | 30%     |
|   | MSM & IDU  | 1,533     | 6%      | 213        | 3%      | 1,746                      | 5%      | 749                | 4%      |
|   | COAGULATION DISORDER                               | 234       | 1%      | 15         | 0%      | 249                        | 1%      | 71                 | 0%      |
|   | HETEROSEXUAL CONTACT                               | 3,788     | 14%     | 2,892      | 36%     | 6,680                      | 19%     | 4,619              | 26%     |
|   | TRANSFUSION  | 266       | 1%      | 18         | 0%      | 284                        | 1%      | 52                 | 0%      |
|   | UNDETERMINED/OTHER                                 | 715       | 3%      | 677        | 8%      | 1,392                      | 4%      | 970                | 5%      |
|   | ALL PEDIATRIC**                                    | 370       | 1%      | 33         | 0%      | 403                        | 1%      | 238                | 1%      |
| AIDS DEFINING ILLNESSES*<br>PRESENTING<br>AT AIDS DIAGNOSIS | Immunological                                      | 13,817    | 51%     | 6,819      | 84%     | 20,636                     | 59%     | 13,224             | 74%     |
|   | Pneumocystis Carinii Pneumonia                     | 5,838     | 22%     | 742        | 9%      | 6,580                      | 19%     | 1,992              | 11%     |
|   | Wasting Syndrome                                   | 3,107     | 12%     | 542        | 7%      | 3,649                      | 10%     | 1,263              | 7%      |
|   | Candidiasis, Esophagus                             | 2,510     | 9%      | 316        | 4%      | 2,826                      | 8%      | 970                | 5%      |
|   | Chronic Mucocutaneous Herpes Simplex               | 1,357     | 5%      | 242        | 3%      | 1,599                      | 5%      | 873                | 5%      |
|   | Kaposi's Sarcoma                                   | 983       | 4%      | 53         | 1%      | 1,036                      | 3%      | 263                | 1%      |
|   | Pneumonia, Recurrent                               | 746       | 3%      | 130        | 2%      | 876                        | 3%      | 440                | 2%      |
|   | HIV Encephalopathy                                 | 766       | 3%      | 69         | 1%      | 835                        | 2%      | 170                | 1%      |
|   | Cryptococcosis                                     | 754       | 3%      | 78         | 1%      | 832                        | 2%      | 190                | 1%      |
| COALITION AREA  | AIDS ACTIVITIES COORDINATING OFFICE                | 17,877    | 66%     | 5,517      | 68%     | 23,394                     | 67%     | 11,833             | 66%     |
|   | AIDSNET  | 1,894     | 7%      | 655        | 8%      | 2,549                      | 7%      | 1,449              | 8%      |
|   | NORTHEASTERN REGIONAL HIV PLANNING COALITION       | 595       | 2%      | 178        | 2%      | 773                        | 2%      | 396                | 2%      |
|   | NORTH CENTRAL DISTRICT AIDS COALITION              | 597       | 2%      | 149        | 2%      | 746                        | 2%      | 423                | 2%      |
|   | SOUTH CENTRAL PENNSYLVANIA AIDS PLANNING COALITION | 2,603     | 10%     | 698        | 9%      | 3,301                      | 9%      | 1,796              | 10%     |
|   | SOUTHWEST PENNSYLVANIA AIDS PLANNING COALITION     | 2,815     | 10%     | 746        | 9%      | 3,561                      | 10%     | 1,647              | 9%      |
|   | NORTHWEST PENNSYLVANIA RURAL AIDS ALLIANCE         | 535       | 2%      | 162        | 2%      | 697                        | 2%      | 362                | 2%      |

\* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

\*\* Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

^ The more recent pattern, 2002-2007 is a better reflection of current distribution of cases than the earlier, 1980-2001 or the total to date, 1980-2007.

Note: Percentages may not add to 100% due to rounding.

TABLE 11B  
HIV (NON-AIDS) IN PENNSYLVANIA  
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS  
2002-2007<sup>a</sup>

|                      |                      | BEFORE 2002 |         | 2002   |         | 2003   |         | 2004   |         | 2005   |         | 2006   |         | 2007   |         | TOTAL TO DEC 31, 2007* |         | CURRENTLY LIVING DEC 31, 2007 |         |
|----------------------|----------------------|-------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|------------------------|---------|-------------------------------|---------|
|                      |                      | number      | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number                 | percent | number                        | percent |
|                      |                      | TOTAL CASES | 5,599   | 100    | 911     | 100    | 998     | 100    | 1,028   | 100    | 1,159   | 100    | 1,589   | 100    | 1,322   | 100                    | 12,606  | 100                           | 12,133  |
| SEX                  | MALE                 | 3,782       | 68      | 593    | 65      | 660    | 66      | 700    | 68      | 774    | 67      | 1,081  | 68      | 940    | 71      | 8,530                  | 68      | 8,184                         | 67      |
|                      | FEMALE               | 1,817       | 32      | 318    | 35      | 338    | 34      | 328    | 32      | 385    | 33      | 508    | 32      | 382    | 29      | 4,076                  | 32      | 3,949                         | 33      |
| RRACE/ETHNICITY      | WHITE(NON-HISP)      | 2,068       | 37      | 293    | 32      | 369    | 37      | 308    | 30      | 344    | 30      | 531    | 33      | 417    | 32      | 4,330                  | 34      | 4,156                         | 34      |
|                      | BLACK(NON-HISP)      | 2,686       | 48      | 483    | 53      | 486    | 49      | 553    | 54      | 653    | 56      | 802    | 50      | 676    | 51      | 6,339                  | 50      | 6,097                         | 50      |
|                      | HISPANIC             | 759         | 14      | 121    | 13      | 125    | 13      | 142    | 14      | 146    | 13      | 212    | 13      | 203    | 15      | 1,708                  | 14      | 1,656                         | 14      |
|                      | ASIAN/PACIFIC        | 22          | 0       | 2      | 0       | 8      | 1       | 8      | 1       | 6      | 1       | 12     | 1       | 15     | 1       | 73                     | 1       | 72                            | 1       |
|                      | NATIVE AMERICAN      | 8           | 0       | 1      | 0       | 1      | 0       | 5      | 0       | 1      | 0       | 6      | 0       | 1      | 0       | 23                     | 0       | 23                            | 0       |
|                      | MULTIRACE            | 56          | 1       | 11     | 1       | 9      | 1       | 12     | 1       | 9      | 1       | 26     | 2       | 10     | 1       | 133                    | 1       | 129                           | 1       |
| AGE (YEARS)          | < 13                 | 169         | 3       | 9      | 1       | 18     | 2       | 9      | 1       | 11     | 1       | 16     | 1       | 3      | 0       | 235                    | 2       | 232                           | 2       |
|                      | 13 - 19              | 206         | 4       | 26     | 3       | 35     | 4       | 44     | 4       | 68     | 6       | 72     | 5       | 95     | 7       | 546                    | 4       | 543                           | 4       |
|                      | 20 - 29              | 1,576       | 28      | 178    | 20      | 186    | 19      | 232    | 23      | 267    | 23      | 356    | 22      | 354    | 27      | 3,149                  | 25      | 3,091                         | 25      |
|                      | 30 - 39              | 2,168       | 39      | 333    | 37      | 323    | 32      | 331    | 32      | 317    | 27      | 407    | 26      | 328    | 25      | 4,207                  | 33      | 4,071                         | 34      |
|                      | 40 - 49              | 1,126       | 20      | 252    | 28      | 305    | 31      | 289    | 28      | 324    | 28      | 473    | 30      | 344    | 26      | 3,113                  | 25      | 2,950                         | 24      |
|                      | Over 49              | 354         | 6       | 113    | 12      | 131    | 13      | 123    | 12      | 172    | 15      | 265    | 17      | 198    | 15      | 1,356                  | 11      | 1,246                         | 10      |
| MODE OF TRANSMISSION | MSM                  | 1,739       | 31      | 241    | 26      | 270    | 27      | 302    | 29      | 357    | 31      | 467    | 29      | 417    | 32      | 3,793                  | 30      | 3,702                         | 31      |
|                      | IDU                  | 1,613       | 29      | 219    | 24      | 190    | 19      | 183    | 18      | 193    | 17      | 305    | 19      | 187    | 14      | 2,890                  | 23      | 2,673                         | 22      |
|                      | MSM & IDU            | 156         | 3       | 19     | 2       | 21     | 2       | 27     | 3       | 21     | 2       | 28     | 2       | 28     | 2       | 300                    | 2       | 281                           | 2       |
|                      | COAGULATION DISORDER | 19          | 0       | 1      | 0       | 1      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 0       | 22                     | 0       | 21                            | 0       |
|                      | HETEROSEXUAL         | 1,492       | 27      | 290    | 32      | 325    | 33      | 391    | 38      | 469    | 40      | 611    | 38      | 614    | 46      | 4,192                  | 33      | 4,098                         | 34      |
|                      | TRANSFUSION          | 18          | 0       | 2      | 0       | 1      | 0       | 1      | 0       | 2      | 0       | 2      | 0       | 2      | 0       | 28                     | 0       | 26                            | 0       |
|                      | UNDETERMINED MODE    | 393         | 7       | 130    | 14      | 172    | 17      | 115    | 11      | 106    | 9       | 160    | 10      | 70     | 5       | 1,146                  | 9       | 1,100                         | 9       |
|                      | PEDIATRIC            | 169         | 3       | 9      | 1       | 18     | 2       | 9      | 1       | 11     | 1       | 16     | 1       | 3      | 0       | 235                    | 2       | 232                           | 2       |
| COALITION AREA       | AACO                 | 3,368       | 60      | 531    | 58      | 590    | 59      | 664    | 65      | 854    | 74      | 971    | 61      | 923    | 70      | 7,901                  | 63      | 7,621                         | 63      |
|                      | AIDSNET              | 474         | 8       | 86     | 9       | 94     | 9       | 72     | 7       | 72     | 6       | 174    | 11      | 96     | 7       | 1,068                  | 8       | 1,016                         | 8       |
|                      | NORTHEASTERN         | 120         | 2       | 24     | 3       | 51     | 5       | 22     | 2       | 22     | 2       | 56     | 4       | 29     | 2       | 324                    | 3       | 305                           | 3       |
|                      | NORTH CENTRAL        | 111         | 2       | 32     | 4       | 38     | 4       | 36     | 4       | 7      | 1       | 51     | 3       | 22     | 2       | 297                    | 2       | 290                           | 2       |
|                      | SOUTH CENTRAL        | 734         | 13      | 125    | 14      | 110    | 11      | 106    | 10      | 93     | 8       | 141    | 9       | 90     | 7       | 1,399                  | 11      | 1,349                         | 11      |
|                      | SOUTHWEST            | 655         | 12      | 98     | 11      | 87     | 9       | 111    | 11      | 94     | 8       | 157    | 10      | 140    | 11      | 1,342                  | 11      | 1,283                         | 11      |
|                      | NORTHWEST            | 137         | 2       | 15     | 2       | 28     | 3       | 17     | 2       | 17     | 1       | 39     | 2       | 22     | 2       | 275                    | 2       | 269                           | 2       |

Note: Percentages may not add to 100% due to 'rounding'.

Cummulative are cases diagnosed through December 31, 2007 and reported through June 30, 2008.

<sup>a</sup>Reflects year of first reported HIV diagnosis, which may not indicate first actual diagnosis for HIV infection.

\* Includes cases diagnosed prior to 2002

**TABLE 12**  
**AIDS IN PENNSYLVANIA**  
**CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS**  
**1980-2007**

**AIDS ACTIVITIES COORDINATING OFFICE**  
BUCKS, DELAWARE, CHESTER, MONTGOMERY, PHILADELPHIA COUNTIES

|   |                                      | 1980-2001 |         | 2002-2007^ |         | TOTAL TO DATE<br>1980-2007 |         | PRESUMED<br>LIVING |         |
|---|--------------------------------------|-----------|---------|------------|---------|----------------------------|---------|--------------------|---------|
|   |                                      | number    | percent | number     | percent | number                     | percent | number             | percent |
|   | TOTAL                                | 17,877    | 100%    | 5,517      | 100%    | 23,394                     | 100%    | 11,833             | 100%    |
| SEX   | MALE                                 | 14,348    | 80%     | 3,823      | 69%     | 18,171                     | 78%     | 8,644              | 73%     |
|   | FEMALE                               | 3,529     | 20%     | 1,694      | 31%     | 5,223                      | 22%     | 3,189              | 27%     |
| RACE/ETHNIC   | WHITE(NON-HISP)                      | 5,185     | 29%     | 1,191      | 22%     | 6,376                      | 27%     | 2,910              | 25%     |
|   | BLACK(NON-HISP)                      | 10,928    | 61%     | 3,661      | 66%     | 14,589                     | 62%     | 7,481              | 63%     |
|   | HISPANIC                             | 1,658     | 9%      | 579        | 10%     | 2,237                      | 10%     | 1,306              | 11%     |
|   | ASIAN/PACIFIC                        | 60        | 0%      | 49         | 1%      | 109                        | 0%      | 76                 | 1%      |
|   | NATIVE AMERICAN                      | 8         | 0%      | 4          | 0%      | 12                         | 0%      | 7                  | 0%      |
|   | MULTIPLE RACE                        | 38        | 0%      | 33         | 1%      | 71                         | 0%      | 53                 | 0%      |
| AGE (YEARS)   | 0-12 (PEDIATRIC)                     | 241       | 1%      | 9          | 0%      | 250                        | 1%      | 155                | 1%      |
|   | 13-19                                | 98        | 1%      | 80         | 1%      | 178                        | 1%      | 132                | 1%      |
|   | 20-29                                | 2,871     | 16%     | 642        | 12%     | 3,513                      | 15%     | 1,853              | 16%     |
|   | 30-39                                | 7,421     | 42%     | 1,592      | 29%     | 9,013                      | 39%     | 4,500              | 38%     |
|   | 40-49                                | 5,022     | 28%     | 1,960      | 36%     | 6,982                      | 30%     | 3,612              | 31%     |
|   | OVER 49                              | 2,224     | 12%     | 1,234      | 22%     | 3,458                      | 15%     | 1,581              | 13%     |
| MODE OF TRANS   | MEN SEX W/MEN (MSM)                  | 7,124     | 40%     | 1,429      | 26%     | 8,553                      | 37%     | 3,692              | 31%     |
|   | INJECTING DRUG(IDU)                  | 6,251     | 35%     | 1,494      | 27%     | 7,745                      | 33%     | 3,744              | 32%     |
|   | MSM & IDU                            | 997       | 6%      | 138        | 3%      | 1,135                      | 5%      | 478                | 4%      |
|   | COAGULATION DISORDER                 | 56        | 0%      | 6          | 0%      | 62                         | 0%      | 17                 | 0%      |
|   | HETEROSEXUAL CONTACT                 | 2,704     | 15%     | 2,264      | 41%     | 4,968                      | 21%     | 3,433              | 29%     |
|   | TRANSFUSION                          | 129       | 1%      | 7          | 0%      | 136                        | 1%      | 23                 | 0%      |
|   | UNDETERMINED/OTHER                   | 369       | 2%      | 163        | 3%      | 532                        | 2%      | 283                | 2%      |
|   | ALL PEDIATRIC**                      | 247       | 1%      | 16         | 0%      | 263                        | 1%      | 163                | 1%      |
| AIDS DEFINING ILLNESSES <sup>*</sup><br>PRESENTING<br>AT AIDS DIAGNOSIS | Immunological                        | 8,880     | 50%     | 4,558      | 83%     | 13,438                     | 57%     | 8,418              | 71%     |
|   | Pneumocystis Carinii Pneumonia       | 3,852     | 22%     | 512        | 9%      | 4,364                      | 19%     | 1,267              | 11%     |
|   | Wasting Syndrome                     | 2,155     | 12%     | 464        | 8%      | 2,619                      | 11%     | 961                | 8%      |
|   | Candidiasis, Esophagus               | 1,510     | 8%      | 171        | 3%      | 1,681                      | 7%      | 572                | 5%      |
|   | Chronic Mucocutaneous Herpes Simplex | 964       | 5%      | 212        | 4%      | 1,176                      | 5%      | 704                | 6%      |
|   | Kaposi's Sarcoma                     | 689       | 4%      | 32         | 1%      | 721                        | 3%      | 183                | 2%      |
|   | Pneumonia, Recurrent                 | 573       | 3%      | 98         | 2%      | 671                        | 3%      | 332                | 3%      |
|   | Cryptococcosis                       | 504       | 3%      | 42         | 1%      | 546                        | 2%      | 102                | 1%      |
|   | HIV Encephalopathy                   | 472       | 3%      | 50         | 1%      | 522                        | 2%      | 104                | 1%      |
| COUNTY  | BUCKS                                | 599       | 3%      | 135        | 2%      | 734                        | 3%      | 337                | 3%      |
|   | CHESTER                              | 435       | 2%      | 120        | 2%      | 555                        | 2%      | 253                | 2%      |
|   | DELAWARE                             | 1,137     | 6%      | 365        | 7%      | 1,502                      | 6%      | 724                | 6%      |
|   | MONTGOMERY                           | 755       | 4%      | 224        | 4%      | 979                        | 4%      | 457                | 4%      |
|   | PHILADELPHIA                         | 14,951    | 84%     | 4,673      | 85%     | 19,624                     | 84%     | 10,062             | 85%     |

\* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

\*\* Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

^ The more recent pattern, 2002-2007 is a better reflection of current distribution of cases than the earlier, 1980-2001 or the total to date, 1980-2007.

Note: Percentages may not add to 100% due to rounding.

TABLE 12B  
 HIV (NON-AIDS) IN PENNSYLVANIA  
 CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS  
 2002-2007<sup>A</sup>  
 AIDS ACTIVITIES COORDINATING OFFICE  
 BUCKS, DELAWARE, CHESTER, MONTGOMERY, PHILADELPHIA COUNTIES

|                      |                      | BEFORE 2002 |         | 2002   |         | 2003   |         | 2004   |         | 2005   |         | 2006   |         | 2007   |         | TOTAL TO DEC 31, 2007* |         | CURRENTLY LIVING DEC 31, 2007 |         |
|----------------------|----------------------|-------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|------------------------|---------|-------------------------------|---------|
|                      |                      | number      | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number                 | percent | number                        | percent |
|                      |                      | TOTAL CASES | 3,368   | 100    | 531     | 100    | 590     | 100    | 664     | 100    | 854     | 100    | 971     | 100    | 923     | 100                    | 7,901   | 100                           | 7,621   |
| SEX                  | MALE                 | 2,230       | 66      | 333    | 63      | 379    | 64      | 438    | 66      | 558    | 65      | 651    | 67      | 669    | 72      | 5,258                  | 67      | 5,052                         | 66      |
|                      | FEMALE               | 1,138       | 34      | 198    | 37      | 211    | 36      | 226    | 34      | 296    | 35      | 320    | 33      | 254    | 28      | 2,643                  | 33      | 2,569                         | 34      |
| RRACE/ETHNICITY      | WHITE(NON-HISP)      | 942         | 28      | 117    | 22      | 172    | 29      | 131    | 20      | 192    | 22      | 218    | 22      | 233    | 25      | 2,005                  | 25      | 1,921                         | 25      |
|                      | BLACK(NON-HISP)      | 2,022       | 60      | 352    | 66      | 346    | 59      | 439    | 66      | 548    | 64      | 624    | 64      | 546    | 59      | 4,877                  | 62      | 4,702                         | 62      |
|                      | HISPANIC             | 367         | 11      | 55     | 10      | 63     | 11      | 76     | 11      | 107    | 13      | 109    | 11      | 129    | 14      | 906                    | 11      | 886                           | 12      |
|                      | ASIAN/PACIFIC        | 9           | 0       | 2      | 0       | 4      | 1       | 5      | 1       | 4      | 0       | 9      | 1       | 13     | 1       | 46                     | 1       | 45                            | 1       |
|                      | NATIVE AMERICAN      | 4           | 0       | 1      | 0       | 1      | 0       | 5      | 1       | 1      | 0       | 6      | 1       | 1      | 0       | 19                     | 0       | 19                            | 0       |
|                      | MULTIRACE            | 24          | 1       | 4      | 1       | 4      | 1       | 8      | 1       | 2      | 0       | 5      | 1       | 1      | 0       | 48                     | 1       | 48                            | 1       |
| AGE (YEARS)          | <13                  | 121         | 4       | 7      | 1       | 11     | 2       | 5      | 1       | 9      | 1       | 2      | 0       | 1      | 0       | 156                    | 2       | 154                           | 2       |
|                      | 13 - 19              | 125         | 4       | 21     | 4       | 24     | 4       | 28     | 4       | 53     | 6       | 52     | 5       | 75     | 8       | 378                    | 5       | 376                           | 5       |
|                      | 20 - 29              | 956         | 28      | 108    | 20      | 108    | 18      | 151    | 23      | 202    | 24      | 243    | 25      | 266    | 29      | 2,034                  | 26      | 1,997                         | 26      |
|                      | 30 - 39              | 1,265       | 38      | 186    | 35      | 195    | 33      | 221    | 33      | 221    | 26      | 239    | 25      | 219    | 24      | 2,546                  | 32      | 2,469                         | 32      |
|                      | 40 - 49              | 677         | 20      | 155    | 29      | 175    | 30      | 173    | 26      | 245    | 29      | 282    | 29      | 233    | 25      | 1,940                  | 25      | 1,847                         | 24      |
|                      | Over 49              | 224         | 7       | 54     | 10      | 77     | 13      | 86     | 13      | 124    | 15      | 153    | 16      | 129    | 14      | 847                    | 11      | 778                           | 10      |
| MODE OF TRANSMISSION | MSM                  | 996         | 30      | 119    | 22      | 145    | 25      | 172    | 26      | 232    | 27      | 265    | 27      | 283    | 31      | 2,212                  | 28      | 2,163                         | 28      |
|                      | IDU                  | 1,035       | 31      | 151    | 28      | 122    | 21      | 130    | 20      | 162    | 19      | 205    | 21      | 143    | 15      | 1,948                  | 25      | 1,808                         | 24      |
|                      | MSM & IDU            | 82          | 2       | 10     | 2       | 13     | 2       | 14     | 2       | 17     | 2       | 22     | 2       | 22     | 2       | 180                    | 2       | 165                           | 2       |
|                      | COAGULATION DISORDER | 5           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 5                      | 0       | 4                             | 0       |
|                      | HETEROSEXUAL         | 1,040       | 31      | 223    | 42      | 244    | 41      | 315    | 47      | 413    | 48      | 453    | 47      | 448    | 49      | 3,136                  | 40      | 3,075                         | 40      |
|                      | TRANSFUSION          | 7           | 0       | 0      | 0       | 1      | 0       | 0      | 0       | 2      | 0       | 0      | 0       | 0      | 0       | 10                     | 0       | 9                             | 0       |
|                      | UNDETERMINED MODE    | 82          | 2       | 21     | 4       | 54     | 9       | 28     | 4       | 19     | 2       | 24     | 2       | 26     | 3       | 254                    | 3       | 243                           | 3       |
|                      | PEDIATRIC            | 121         | 4       | 7      | 1       | 11     | 2       | 5      | 1       | 9      | 1       | 2      | 0       | 1      | 0       | 156                    | 2       | 154                           | 2       |
| COUNTY               | BUCKS                | 108         | 3       | 10     | 2       | 28     | 5       | 24     | 4       | 26     | 3       | 38     | 4       | 22     | 2       | 256                    | 3       | 249                           | 3       |
|                      | CHESTER              | 97          | 3       | 16     | 3       | 18     | 3       | 18     | 3       | 24     | 3       | 15     | 2       | 23     | 2       | 211                    | 3       | 203                           | 3       |
|                      | DELAWARE             | 222         | 7       | 42     | 8       | 65     | 11      | 67     | 10      | 37     | 4       | 107    | 11      | 50     | 5       | 590                    | 7       | 556                           | 7       |
|                      | MONTGOMERY           | 162         | 5       | 31     | 6       | 65     | 11      | 38     | 6       | 30     | 4       | 77     | 8       | 53     | 6       | 456                    | 6       | 443                           | 6       |
|                      | PHILADELPHIA         | 2,779       | 83      | 432    | 81      | 414    | 70      | 517    | 78      | 737    | 86      | 734    | 76      | 775    | 84      | 6,388                  | 81      | 6,170                         | 81      |

Note: Percentages may not add to 100% due to 'rounding'.

Cumulative are cases diagnosed through December 31, 2007 and reported through June 30, 2008.

<sup>A</sup>Reflects year of first reported HIV diagnosis, which may not indicate first actual diagnosis for HIV infection.

\* Includes cases diagnosed prior to 2002

**TABLE 13A**  
**AIDS IN PENNSYLVANIA**  
**CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS**  
**1980-2007**

**AIDSNET**

BERKS, CARBON, LEHIGH, MONROE, NORTHAMPTON, SCHUYLKILL COUNTIES

|   |  | 1980-2001  |  | 2002-2007^                                       |   | TOTAL TO DATE<br>1980-2007                               |   | PRESUMED<br>LIVING                                     |  |
|---|--|--|--|--|---|--|---|--|--|
|   |  | number   | percent  | number   | percent   | number   | percent   | number   | percent  |
|   |  | TOTAL  | 1,894  | 100%   | 655   | 100%   | 2,549   | 100%   | 1,449  |
| SEX   | MALE<br>FEMALE   | 1,382<br>512   | 73%<br>27%   | 432<br>223                                       | 66%<br>34%  | 1,814<br>735   | 71%<br>29%  | 979<br>470   | 68%<br>32%   |
| RACE/ETHNIC   | WHITE(NON-HISP)<br>BLACK(NON-HISP)<br>HISPANIC<br>ASIAN/PACIFIC<br>NATIVE AMERICAN<br>MULTIPLE RACE  | 828<br>326<br>730<br>4<br>0<br>6                         | 44%<br>17%<br>39%<br>0%<br>0%<br>0%                    | 214<br>169<br>260<br>3<br>1<br>8                 | 33%<br>26%<br>40%<br>0%<br>0%<br>1%                 | 1,042<br>495<br>990<br>7<br>1<br>14                      | 41%<br>19%<br>39%<br>0%<br>0%<br>1%                   | 489<br>335<br>608<br>5<br>1<br>11                      | 34%<br>23%<br>42%<br>0%<br>0%<br>1%                  |
| AGE (YEARS)   | 0-12 (PEDIATRIC)<br>13-19<br>20-29<br>30-39<br>40-49<br>OVER 49  | 30<br>14<br>305<br>899<br>499<br>147                     | 2%<br>1%<br>16%<br>47%<br>26%<br>8%                    | 1<br>5<br>66<br>202<br>251<br>130                | 0%<br>1%<br>10%<br>31%<br>38%<br>20%                | 31<br>19<br>371<br>1,101<br>750<br>277                   | 1%<br>1%<br>15%<br>43%<br>29%<br>11%                  | 17<br>12<br>206<br>593<br>459<br>162                   | 1%<br>1%<br>14%<br>41%<br>32%<br>11%                 |
| MODE OF TRANS   | MEN SEX W/MEN (MSM)<br>INJECTING DRUG(IDU)<br>MSM & IDU<br>COAGULATION DISORDER<br>HETEROSEXUAL CONTACT<br>TRANSFUSION<br>UNDETERMINED/OTHER<br>ALL PEDIATRIC**  | 533<br>773<br>73<br>29<br>312<br>20<br>123<br>31         | 28%<br>41%<br>4%<br>2%<br>16%<br>1%<br>6%<br>2%        | 109<br>168<br>13<br>5<br>160<br>2<br>193<br>5    | 17%<br>26%<br>2%<br>1%<br>24%<br>0%<br>29%<br>1%    | 642<br>941<br>86<br>34<br>472<br>22<br>316<br>36         | 25%<br>37%<br>3%<br>1%<br>19%<br>1%<br>12%<br>1%      | 277<br>528<br>42<br>13<br>301<br>6<br>260<br>22        | 19%<br>36%<br>3%<br>1%<br>21%<br>0%<br>18%<br>2%     |
| AIDS DEFINING ILLNESSES*<br>PRESENTING<br>AT AIDS DIAGNOSIS | Immunological<br>Pneumocystis Carinii Pneumonia<br>Wasting Syndrome<br>Candidiasis, Esophagus<br>Chronic Mucocutaneous Herpes Simplex<br>HIV Encephalopathy<br>Cytomegalovirus Disease<br>Cryptococcosis<br>Toxoplasmosis of Brain | 1,076<br>387<br>242<br>203<br>82<br>70<br>64<br>59<br>54 | 57%<br>20%<br>13%<br>11%<br>4%<br>4%<br>3%<br>3%<br>3% | 584<br>46<br>14<br>19<br>8<br>5<br>6<br>10<br>11 | 89%<br>7%<br>2%<br>3%<br>1%<br>1%<br>1%<br>2%<br>2% | 1,660<br>433<br>256<br>222<br>90<br>75<br>70<br>69<br>65 | 65%<br>17%<br>10%<br>9%<br>4%<br>3%<br>3%<br>3%<br>3% | 1,145<br>146<br>77<br>73<br>41<br>18<br>21<br>21<br>25 | 79%<br>10%<br>5%<br>5%<br>3%<br>1%<br>1%<br>1%<br>2% |
| COUNTY  | BERKS<br>CARBON<br>LEHIGH<br>MONROE<br>NORTHAMPTON<br>SCHUYLKILL   | 680<br>26<br>606<br>166<br>310<br>106                    | 36%<br>1%<br>32%<br>9%<br>16%<br>6%                    | 199<br>12<br>212<br>69<br>124<br>39              | 30%<br>2%<br>32%<br>11%<br>19%<br>6%                | 879<br>38<br>818<br>235<br>434<br>145                    | 34%<br>1%<br>32%<br>9%<br>17%<br>6%                   | 496<br>21<br>479<br>128<br>233<br>92                   | 34%<br>1%<br>33%<br>9%<br>16%<br>6%                  |

\* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

\*\* Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

^ The more recent pattern, 2002-2007 is a better reflection of current distribution of cases than the earlier, 1980-2001 or the total to date, 1980-2007.

Note: Percentages may not add to 100% due to rounding.

TABLE 13B  
HIV (NON-AIDS) IN PENNSYLVANIA  
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS  
2002-2007<sup>a</sup>  
AIDSNET  
BERKS, CARBON, LEHIGH, MONROE, NORTHAMPTON, SCHUYLKILL COUNTIES

|                      |                      | BEFORE 2002 |         | 2002   |         | 2003   |         | 2004   |         | 2005   |         | 2006   |         | 2007   |         | TOTAL TO DEC 31, 2007* |         | CURRENTLY LIVING DEC 31, 2007 |         |
|----------------------|----------------------|-------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|------------------------|---------|-------------------------------|---------|
|                      |                      | number      | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number                 | percent | number                        | percent |
|                      |                      | TOTAL CASES | 474     | 100    | 86      | 100    | 94      | 100    | 72      | 100    | 72      | 100    | 174     | 100    | 96      | 100                    | 1,068   | 100                           | 1,016   |
| SEX                  | MALE                 | 283         | 60      | 48     | 56      | 55     | 59      | 42     | 58      | 47     | 65      | 111    | 64      | 55     | 57      | 641                    | 60      | 606                           | 60      |
|                      | FEMALE               | 191         | 40      | 38     | 44      | 39     | 41      | 30     | 42      | 25     | 35      | 63     | 36      | 41     | 43      | 427                    | 40      | 410                           | 40      |
| RRACE/ETHNICITY      | WHITE(NON-HISP)      | 161         | 34      | 38     | 44      | 43     | 46      | 27     | 38      | 31     | 43      | 71     | 41      | 36     | 38      | 407                    | 38      | 382                           | 38      |
|                      | BLACK(NON-HISP)      | 96          | 20      | 21     | 24      | 20     | 21      | 18     | 25      | 20     | 28      | 38     | 22      | 22     | 23      | 235                    | 22      | 229                           | 23      |
|                      | HISPANIC             | 206         | 43      | 26     | 30      | 27     | 29      | 25     | 35      | 20     | 28      | 58     | 33      | 38     | 40      | 400                    | 37      | 379                           | 37      |
|                      | ASIAN/PACIFIC        | 2           | 0       | 0      | 0       | 3      | 3       | 1      | 1       | 0      | 0       | 1      | 1       | 0      | 0       | 7                      | 1       | 7                             | 1       |
|                      | NATIVE AMERICAN      | 1           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1                      | 0       | 1                             | 0       |
|                      | MULTIRACE            | 8           | 2       | 1      | 1       | 1      | 1       | 1      | 1       | 1      | 1       | 6      | 3       | 0      | 0       | 18                     | 2       | 18                            | 2       |
| AGE (YEARS)          | <13                  | 13          | 3       | 0      | 0       | 3      | 3       | 0      | 0       | 0      | 0       | 6      | 3       | 2      | 2       | 24                     | 2       | 24                            | 2       |
|                      | 13 - 19              | 22          | 5       | 1      | 1       | 0      | 0       | 2      | 3       | 3      | 4       | 2      | 1       | 3      | 3       | 33                     | 3       | 33                            | 3       |
|                      | 20 - 29              | 145         | 31      | 14     | 16      | 16     | 17      | 12     | 17      | 12     | 17      | 33     | 19      | 24     | 25      | 256                    | 24      | 243                           | 24      |
|                      | 30 - 39              | 169         | 36      | 35     | 41      | 34     | 36      | 22     | 31      | 23     | 32      | 36     | 21      | 25     | 26      | 344                    | 32      | 331                           | 33      |
|                      | 40 - 49              | 99          | 21      | 24     | 28      | 27     | 29      | 27     | 38      | 27     | 38      | 52     | 30      | 25     | 26      | 281                    | 26      | 264                           | 26      |
|                      | Over 49              | 26          | 5       | 12     | 14      | 14     | 15      | 9      | 13      | 7      | 10      | 45     | 26      | 17     | 18      | 130                    | 12      | 121                           | 12      |
| MODE OF TRANSMISSION | MSM                  | 68          | 14      | 13     | 15      | 17     | 18      | 15     | 21      | 20     | 28      | 39     | 22      | 16     | 17      | 188                    | 18      | 184                           | 18      |
|                      | IDU                  | 167         | 35      | 12     | 14      | 15     | 16      | 12     | 17      | 8      | 11      | 34     | 20      | 16     | 17      | 264                    | 25      | 240                           | 24      |
|                      | MSM & IDU            | 16          | 3       | 3      | 3       | 4      | 4       | 6      | 8       | 1      | 1       | 1      | 1       | 2      | 2       | 33                     | 3       | 32                            | 3       |
|                      | COAGULATION DISORDER | 2           | 0       | 1      | 1       | 1      | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 4                      | 0       | 4                             | 0       |
|                      | HETEROSEXUAL         | 80          | 17      | 11     | 13      | 13     | 14      | 15     | 21      | 16     | 22      | 52     | 30      | 44     | 46      | 231                    | 22      | 225                           | 22      |
|                      | TRANSFUSION          | 3           | 1       | 1      | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 1       | 1      | 1       | 6                      | 1       | 6                             | 1       |
|                      | UNDETERMINED MODE    | 125         | 26      | 45     | 52      | 41     | 44      | 24     | 33      | 27     | 38      | 41     | 24      | 15     | 16      | 318                    | 30      | 301                           | 30      |
|                      | PEDIATRIC            | 13          | 3       | 0      | 0       | 3      | 3       | 0      | 0       | 0      | 0       | 6      | 3       | 2      | 2       | 24                     | 2       | 24                            | 2       |
| COUNTY               | BERKS                | 214         | 45      | 30     | 35      | 26     | 28      | 12     | 17      | 17     | 24      | 46     | 26      | 42     | 44      | 387                    | 36      | 368                           | 36      |
|                      | CARBON               | 3           | 1       | 3      | 3       | 5      | 5       | 1      | 1       | 1      | 1       | 2      | 1       | 1      | 1       | 16                     | 1       | 15                            | 1       |
|                      | LEHIGH               | 142         | 30      | 17     | 20      | 30     | 32      | 25     | 35      | 30     | 42      | 54     | 31      | 31     | 32      | 329                    | 31      | 316                           | 31      |
|                      | MONROE               | 21          | 4       | 14     | 16      | 13     | 14      | 9      | 13      | 5      | 7       | 32     | 18      | 8      | 8       | 102                    | 10      | 95                            | 9       |
|                      | NORTHAMPTON          | 70          | 15      | 19     | 22      | 18     | 19      | 21     | 29      | 15     | 21      | 34     | 20      | 13     | 14      | 190                    | 18      | 182                           | 18      |
|                      | SCHUYLKILL           | 24          | 5       | 3      | 3       | 2      | 2       | 4      | 6       | 4      | 6       | 6      | 3       | 1      | 1       | 44                     | 4       | 40                            | 4       |

Note: Percentages may not add to 100% due to 'rounding'.

Cummulative are cases diagnosed through December 31, 2007 and reported through June 30, 2008.

<sup>a</sup>Reflects year of first diagnosis, which may not indicate first actual diagnosis for HIV infection.

\* Includes cases diagnosed prior to 2002

**TABLE 14A**  
**AIDS IN PENNSYLVANIA**  
**CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS**  
**1980-2007**

**NORTHEASTERN REGIONAL HIV PLANNING COALITION**  
**LACKAWANNA, LUZERNE, PIKE, SUSQUEHANNA, WAYNE, WYOMING COUNTIES**

|   |                                      | 1980-2001 |         | 2002-2007 <sup>a</sup> |         | TOTAL TO DATE<br>1980-2007 |         | PRESUMED<br>LIVING |         |
|---|--------------------------------------|-----------|---------|------------------------|---------|----------------------------|---------|--------------------|---------|
|   |                                      | number    | percent | number                 | percent | number                     | percent | number             | percent |
|   | TOTAL                                | 595       | 100%    | 178                    | 100%    | 773                        | 100%    | 396                | 100%    |
| SEX   | MALE                                 | 506       | 85%     | 127                    | 71%     | 633                        | 82%     | 307                | 78%     |
|   | FEMALE                               | 89        | 15%     | 51                     | 29%     | 140                        | 18%     | 89                 | 22%     |
| RACE/ETHNIC   | WHITE(NON-HISP)                      | 410       | 69%     | 103                    | 58%     | 513                        | 66%     | 231                | 58%     |
|   | BLACK(NON-HISP)                      | 108       | 18%     | 50                     | 28%     | 158                        | 20%     | 99                 | 25%     |
|   | HISPANIC                             | 74        | 12%     | 25                     | 14%     | 99                         | 13%     | 64                 | 16%     |
|   | ASIAN/PACIFIC                        | 0         | 0%      | 0                      | 0%      | 0                          | 0%      | 0                  | 0%      |
|   | NATIVE AMERICAN                      | 1         | 0%      | 0                      | 0%      | 1                          | 0%      | 0                  | 0%      |
|   | MULTIPLE RACE                        | 2         | 0%      | 0                      | 0%      | 2                          | 0%      | 2                  | 1%      |
| AGE (YEARS)   | 0-12 (PEDIATRIC)                     | 8         | 1%      | 2                      | 1%      | 10                         | 1%      | 5                  | 1%      |
|   | 13-19                                | 7         | 1%      | 1                      | 1%      | 8                          | 1%      | 4                  | 1%      |
|   | 20-29                                | 89        | 15%     | 18                     | 10%     | 107                        | 14%     | 58                 | 15%     |
|   | 30-39                                | 261       | 44%     | 50                     | 28%     | 311                        | 40%     | 147                | 37%     |
|   | 40-49                                | 172       | 29%     | 82                     | 46%     | 254                        | 33%     | 141                | 36%     |
|   | OVER 49                              | 58        | 10%     | 25                     | 14%     | 83                         | 11%     | 41                 | 10%     |
| MODE OF TRANS   | MEN SEX W/MEN (MSM)                  | 230       | 39%     | 34                     | 19%     | 264                        | 34%     | 103                | 26%     |
|   | INJECTING DRUG(IDU)                  | 211       | 35%     | 41                     | 23%     | 252                        | 33%     | 124                | 31%     |
|   | MSM & IDU                            | 47        | 8%      | 7                      | 4%      | 54                         | 7%      | 24                 | 6%      |
|   | COAGULATION DISORDER                 | 12        | 2%      | 1                      | 1%      | 13                         | 2%      | 5                  | 1%      |
|   | HETEROSEXUAL CONTACT                 | 51        | 9%      | 47                     | 26%     | 98                         | 13%     | 73                 | 18%     |
|   | TRANSFUSION                          | 9         | 2%      | 1                      | 1%      | 10                         | 1%      | 3                  | 1%      |
|   | UNDETERMINED/OTHER                   | 24        | 4%      | 45                     | 25%     | 69                         | 9%      | 57                 | 14%     |
|   | ALL PEDIATRIC**                      | 11        | 2%      | 2                      | 1%      | 13                         | 2%      | 7                  | 2%      |
| AIDS DEFINING ILLNESSES*<br>PRESENTING<br>AT AIDS DIAGNOSIS | Immunological                        | 299       | 50%     | 154                    | 87%     | 453                        | 59%     | 303                | 77%     |
|   | Pneumocystis Carinii Pneumonia       | 128       | 22%     | 8                      | 4%      | 136                        | 18%     | 34                 | 9%      |
|   | Candidiasis, Esophagus               | 71        | 12%     | 6                      | 3%      | 77                         | 10%     | 21                 | 5%      |
|   | Wasting Syndrome                     | 70        | 12%     | 5                      | 3%      | 75                         | 10%     | 24                 | 6%      |
|   | Kaposi's Sarcoma                     | 30        | 5%      | 0                      | 0%      | 30                         | 4%      | 3                  | 1%      |
|   | Chronic Mucocutaneous Herpes Simplex | 25        | 4%      | 3                      | 2%      | 28                         | 4%      | 12                 | 3%      |
|   | HIV Encephalopathy                   | 26        | 4%      | 2                      | 1%      | 28                         | 4%      | 6                  | 2%      |
|   | Candidiasis Lung                     | 20        | 3%      | 2                      | 1%      | 22                         | 3%      | 5                  | 1%      |
|   | Cryptococcosis                       | 18        | 3%      | 2                      | 1%      | 20                         | 3%      | 6                  | 2%      |
| COUNTY  | LACKAWANNA                           | 189       | 32%     | 56                     | 31%     | 245                        | 32%     | 134                | 34%     |
|   | LUZERNE                              | 248       | 42%     | 81                     | 46%     | 329                        | 43%     | 163                | 41%     |
|   | PIKE                                 | 46        | 8%      | 14                     | 8%      | 60                         | 8%      | 32                 | 8%      |
|   | SUSQUEHANNA                          | 15        | 3%      | 7                      | 4%      | 22                         | 3%      | 11                 | 3%      |
|   | WAYNE                                | 77        | 13%     | 18                     | 10%     | 95                         | 12%     | 45                 | 11%     |
|   | WYOMING                              | 20        | 3%      | 2                      | 1%      | 22                         | 3%      | 11                 | 3%      |

\* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

\*\* Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

<sup>a</sup> The more recent pattern, 2002-2007 is a better reflection of current distribution of cases than the earlier, 1980-2001 or the total to date, 1980-2007.

Note: Percentages may not add to 100% due to rounding.

TABLE 14B  
HIV (NON-AIDS) IN PENNSYLVANIA  
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS  
2002-2007<sup>a</sup>  
NORTHEASTERN REGIONAL HIV PLANNING COALITION  
LACKAWANNA, LUZERNE, PIKE, SUSQUEHANNA, WAYNE, WYOMING COUNTIES

|                      |                      | BEFORE 2002 |         | 2002   |         | 2003   |         | 2004   |         | 2005   |         | 2006   |         | 2007   |         | TOTAL TO DEC 31, 2007* |         | CURRENTLY LIVING DEC 31, 2007 |         |
|----------------------|----------------------|-------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|------------------------|---------|-------------------------------|---------|
|                      |                      | number      | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number                 | percent | number                        | percent |
|                      |                      | TOTAL CASES | 120     | 100    | 24      | 100    | 51      | 100    | 22      | 100    | 22      | 100    | 56      | 100    | 29      | 100                    | 324     | 100                           | 305     |
| SEX                  | MALE                 | 80          | 67      | 22     | 92      | 35     | 69      | 18     | 82      | 14     | 64      | 41     | 73      | 15     | 52      | 225                    | 69      | 213                           | 70      |
|                      | FEMALE               | 40          | 33      | 2      | 8       | 16     | 31      | 4      | 18      | 8      | 36      | 15     | 27      | 14     | 48      | 99                     | 31      | 92                            | 30      |
| RRACE/ETHNICITY      | WHITE(NON-HISP)      | 75          | 63      | 16     | 67      | 27     | 53      | 13     | 59      | 13     | 59      | 38     | 68      | 19     | 66      | 201                    | 62      | 193                           | 63      |
|                      | BLACK(NON-HISP)      | 29          | 24      | 5      | 21      | 16     | 31      | 5      | 23      | 8      | 36      | 11     | 20      | 7      | 24      | 81                     | 25      | 73                            | 24      |
|                      | HISPANIC             | 13          | 11      | 3      | 13      | 6      | 12      | 3      | 14      | 11     | 5       | 6      | 11      | 3      | 10      | 35                     | 11      | 33                            | 11      |
|                      | ASIAN/PACIFIC        | 0           | 0       | 0      | 0       | 1      | 2       | 1      | 5       | 0      | 0       | 0      | 0       | 0      | 0       | 2                      | 1       | 2                             | 1       |
|                      | NATIVE AMERICAN      | 1           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1                      | 0       | 1                             | 0       |
|                      | MULTIRACE            | 2           | 2       | 0      | 0       | 1      | 2       | 0      | 0       | 0      | 0       | 1      | 2       | 0      | 0       | 4                      | 1       | 3                             | 1       |
| AGE (YEARS)          | < 13                 | 5           | 4       | 0      | 0       | 1      | 2       | 1      | 5       | 0      | 0       | 1      | 2       | 0      | 0       | 8                      | 2       | 8                             | 3       |
|                      | 13 - 19              | 1           | 1       | 0      | 0       | 4      | 8       | 3      | 14      | 2      | 9       | 1      | 2       | 2      | 7       | 13                     | 4       | 13                            | 4       |
|                      | 20 - 29              | 26          | 22      | 2      | 8       | 7      | 14      | 4      | 18      | 4      | 18      | 9      | 16      | 9      | 31      | 61                     | 19      | 59                            | 19      |
|                      | 30 - 39              | 52          | 43      | 9      | 38      | 16     | 31      | 4      | 18      | 4      | 18      | 16     | 29      | 5      | 17      | 106                    | 33      | 99                            | 32      |
|                      | 40 - 49              | 31          | 26      | 8      | 33      | 16     | 31      | 8      | 36      | 7      | 32      | 20     | 36      | 6      | 21      | 96                     | 30      | 88                            | 29      |
|                      | Over 49              | 5           | 4       | 5      | 21      | 7      | 14      | 2      | 9       | 5      | 23      | 9      | 16      | 7      | 24      | 40                     | 12      | 38                            | 12      |
| MODE OF TRANSMISSION | MSM                  | 30          | 25      | 11     | 46      | 13     | 25      | 5      | 23      | 5      | 23      | 16     | 29      | 4      | 14      | 84                     | 26      | 80                            | 26      |
|                      | IDU                  | 38          | 32      | 5      | 21      | 7      | 14      | 6      | 27      | 0      | 0       | 6      | 11      | 3      | 10      | 65                     | 20      | 58                            | 19      |
|                      | MSM & IDU            | 3           | 3       | 0      | 0       | 1      | 2       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 3       | 5                      | 2       | 5                             | 2       |
|                      | COAGULATION DISORDER | 1           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1                      | 0       | 1                             | 0       |
|                      | HETEROSEXUAL         | 16          | 13      | 1      | 4       | 3      | 6       | 3      | 14      | 4      | 18      | 12     | 21      | 20     | 69      | 59                     | 18      | 57                            | 19      |
|                      | TRANSFUSION          | 0           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0                      | 0       | 0                             | 0       |
| COUNTY               | UNDETERMINED MODE    | 27          | 23      | 7      | 29      | 26     | 51      | 7      | 32      | 13     | 59      | 21     | 38      | 1      | 3       | 102                    | 31      | 96                            | 31      |
|                      | PEDIATRIC            | 5           | 4       | 0      | 0       | 1      | 2       | 1      | 5       | 0      | 0       | 1      | 2       | 0      | 0       | 8                      | 2       | 8                             | 3       |
|                      | LACKAWANNA           | 45          | 38      | 4      | 17      | 24     | 47      | 5      | 23      | 6      | 27      | 11     | 20      | 8      | 28      | 103                    | 32      | 95                            | 31      |
|                      | LUZERNE              | 46          | 38      | 15     | 63      | 20     | 39      | 13     | 59      | 11     | 50      | 32     | 57      | 17     | 59      | 154                    | 48      | 146                           | 48      |
|                      | PIKE                 | 9           | 8       | 0      | 0       | 3      | 6       | 1      | 5       | 2      | 9       | 8      | 14      | 3      | 10      | 26                     | 8       | 23                            | 8       |
|                      | SUSQUEHANNA          | 4           | 3       | 1      | 4       | 1      | 2       | 0      | 0       | 0      | 0       | 2      | 4       | 0      | 0       | 8                      | 2       | 8                             | 3       |
|                      | WAYNE                | 13          | 11      | 4      | 17      | 2      | 4       | 2      | 9       | 3      | 14      | 3      | 5       | 1      | 3       | 28                     | 9       | 28                            | 9       |
|                      | WYOMING              | 3           | 3       | 0      | 0       | 1      | 2       | 1      | 5       | 0      | 0       | 0      | 0       | 0      | 0       | 5                      | 2       | 5                             | 2       |

Note: Percentages may not add to 100% due to 'rounding'.

Cumulative are cases diagnosed through December 31, 2007 and reported through June 30, 2008.

<sup>a</sup>Reflects year of first reported HIV diagnosis, which may not indicate first actual diagnosis for HIV infection.

\* Includes cases diagnosed prior to 2002

**TABLE 15A**  
**AIDS IN PENNSYLVANIA**  
**CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS**  
**1980-2007**

**NORTH CENTRAL DISTRICT AIDS COALITION**

BRADFORD, CENTRE, CLINTON, COLUMBIA, LYCOMING, MONTOUR, NORTHUMBERLAND  
 POTTER, SNYDER, SULLIVAN, TIoga, UNION COUNTIES

|   |  | 1980-2001  |  | 2002-2007^   |  | TOTAL TO DATE<br>1980-2007   |  | PRESUMED<br>LIVING   |  |
|---|--|--|--|--|--|--|--|--|--|
|   |  | number   | percent  | number   | percent  | number   | percent  | number   | percent  |
|   | TOTAL  | 597  | 100%   | 149  | 100%   | 746  | 100%   | 423  | 100%   |
| SEX   | MALE<br>FEMALE   | 466<br>131   | 78%<br>22%   | 106<br>43  | 71%<br>29%   | 572<br>174   | 77%<br>23%   | 318<br>105   | 75%<br>25%   |
| RACE/ETHNIC   | WHITE(NON-HISP)<br>BLACK(NON-HISP)<br>HISPANIC<br>ASIAN/PACIFIC<br>NATIVE AMERICAN<br>MULTIPLE RACE  | 301<br>224<br>68<br>3<br>0<br>1                                    | 50%<br>38%<br>11%<br>1%<br>0%<br>0%                                      | 91<br>41<br>15<br>1<br>0<br>1                                | 61%<br>28%<br>10%<br>1%<br>0%<br>1%                                      | 392<br>265<br>83<br>4<br>0<br>2  | 53%<br>36%<br>11%<br>1%<br>0%<br>0%                                      | 207<br>169<br>42<br>4<br>0<br>1                                  | 49%<br>40%<br>10%<br>1%<br>0%<br>0%                                      |
| AGE (YEARS)   | 0-12 (PEDIATRIC)<br>13-19<br>20-29<br>30-39<br>40-49<br>OVER 49  | 4<br>2<br>101<br>283<br>152<br>55                                  | 1%<br>0%<br>17%<br>47%<br>25%<br>9%                                      | 0<br>1<br>12<br>45<br>59<br>32                               | 0%<br>1%<br>8%<br>30%<br>40%<br>21%                                      | 4<br>3<br>113<br>328<br>211<br>87                                      | 1%<br>0%<br>15%<br>44%<br>28%<br>12%                                     | 1<br>2<br>60<br>181<br>135<br>44                                 | 0%<br>0%<br>14%<br>43%<br>32%<br>10%                                     |
| MODE OF TRANS   | MEN SEX W/MEN (MSM)<br>INJECTING DRUG(IDU)<br>MSM & IDU<br>COAGULATION DISORDER<br>HETEROSEXUAL CONTACT<br>TRANSFUSION<br>UNDETERMINED/OTHER<br>ALL PEDIATRIC**  | 196<br>256<br>51<br>15<br>54<br>7<br>14<br>4                       | 33%<br>43%<br>9%<br>3%<br>9%<br>1%<br>2%<br>1%                           | 46<br>35<br>5<br>0<br>28<br>0<br>35<br>0                     | 31%<br>23%<br>3%<br>0%<br>19%<br>0%<br>23%<br>0%                         | 242<br>291<br>56<br>15<br>82<br>7<br>49<br>4                           | 32%<br>39%<br>8%<br>2%<br>11%<br>1%<br>7%<br>1%                          | 114<br>172<br>31<br>5<br>55<br>2<br>43<br>1                      | 27%<br>41%<br>7%<br>1%<br>13%<br>0%<br>10%<br>0%                         |
| AIDS DEFINING ILLNESSES*<br>PRESENTING<br>AT AIDS DIAGNOSIS | Immunological<br>Pneumocystis Carinii Pneumonia<br>Candidiasis, Esophagus<br>Wasting Syndrome<br>Chronic Mucocutaneous Herpes Simplex<br>Cytomegalovirus Disease<br>Candidiasis Lung<br>Kaposi's Sarcoma<br>Cryptoccosis | 374<br>120<br>70<br>36<br>26<br>22<br>18<br>14<br>14               | 63%<br>20%<br>12%<br>6%<br>4%<br>4%<br>3%<br>2%<br>2%                    | 136<br>15<br>7<br>0<br>3<br>0<br>0<br>2<br>0                 | 91%<br>10%<br>5%<br>0%<br>2%<br>0%<br>0%<br>1%<br>0%                     | 510<br>135<br>77<br>36<br>29<br>22<br>18<br>16<br>14                   | 68%<br>18%<br>10%<br>5%<br>4%<br>3%<br>2%<br>2%<br>2%                    | 353<br>52<br>29<br>8<br>11<br>3<br>7<br>5<br>3                   | 83%<br>12%<br>7%<br>2%<br>3%<br>1%<br>2%<br>1%<br>1%                     |
| COUNTY  | BRADFORD<br>CENTRE<br>CLINTON<br>COLUMBIA<br>LYCOMING<br>MONTOUR<br>NORTHUMBERLAND<br>POTTER<br>SNYDER<br>SULLIVAN<br>TIoga<br>UNION   | 30<br>86<br>7<br>34<br>222<br>13<br>78<br>7<br>16<br>6<br>18<br>80 | 5%<br>14%<br>1%<br>6%<br>37%<br>2%<br>13%<br>1%<br>3%<br>1%<br>3%<br>13% | 3<br>22<br>3<br>6<br>53<br>4<br>25<br>1<br>3<br>0<br>5<br>24 | 2%<br>15%<br>2%<br>4%<br>36%<br>3%<br>17%<br>1%<br>2%<br>0%<br>3%<br>16% | 33<br>108<br>10<br>40<br>275<br>17<br>103<br>8<br>19<br>6<br>23<br>104 | 4%<br>14%<br>1%<br>5%<br>37%<br>2%<br>14%<br>1%<br>3%<br>1%<br>3%<br>14% | 15<br>59<br>3<br>24<br>153<br>9<br>61<br>3<br>10<br>3<br>8<br>75 | 4%<br>14%<br>1%<br>6%<br>36%<br>2%<br>14%<br>1%<br>2%<br>1%<br>1%<br>18% |

\* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

\*\* Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

^ The more recent pattern, 2002-2007 is a better reflection of current distribution of cases than the earlier, 1980-2001 or the total to date, 1980-2007.

Note: Percentages may not add to 100% due to rounding.

TABLE 15B  
HIV (NONAIDS) IN PENNSYLVANIA  
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS  
2002-2007<sup>a</sup>  
NORTH CENTRAL DISTRICT AIDS COALITION  
BRADFORD, CENTRE, CLINTON, COLUMBIA, LYCOMING, MONTOUR, NORTHUMBERLAND  
POTTER, SNYDER, SULLIVAN, TIoga, UNION COUNTIES

|                      |                      | BEFORE 2002 |         | 2002   |         | 2003   |         | 2004   |         | 2005   |         | 2006   |         | 2007   |         | TOTAL TO DEC 31, 2007* |         | CURRENTLY LIVING DEC 31, 2007 |         |
|----------------------|----------------------|-------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|------------------------|---------|-------------------------------|---------|
|                      |                      | number      | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number                 | percent | number                        | percent |
|                      |                      | TOTAL CASES | 111     | 100    | 32      | 100    | 38      | 100    | 36      | 100    | 7       | 100    | 51      | 100    | 22      | 100                    | 297     | 100                           | 290     |
| SEX                  | MALE                 | 73          | 66      | 22     | 69      | 26     | 68      | 28     | 78      | 5      | 71      | 35     | 69      | 15     | 68      | 204                    | 69      | 198                           | 68      |
|                      | FEMALE               | 38          | 34      | 10     | 31      | 12     | 32      | 8      | 22      | 2      | 29      | 16     | 31      | 7      | 32      | 93                     | 31      | 92                            | 32      |
| RACE/ETHNICITY       | WHITE(NON-HISP)      | 54          | 49      | 16     | 50      | 20     | 53      | 15     | 42      | 6      | 86      | 34     | 67      | 12     | 55      | 157                    | 53      | 152                           | 52      |
|                      | BLACK(NON-HISP)      | 46          | 41      | 11     | 34      | 15     | 39      | 12     | 33      | 1      | 14      | 11     | 22      | 9      | 41      | 105                    | 35      | 103                           | 36      |
|                      | HISPANIC             | 11          | 10      | 5      | 16      | 3      | 8       | 8      | 22      | 0      | 0       | 4      | 8       | 1      | 5       | 32                     | 11      | 32                            | 11      |
|                      | ASIAN/PACIFIC        | 0           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0                      | 0       | 0                             | 0       |
|                      | NATIVE AMERICAN      | 0           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0                      | 0       | 0                             | 0       |
|                      | MULTIRACE            | 0           | 0       | 0      | 0       | 0      | 0       | 1      | 3       | 0      | 0       | 2      | 4       | 0      | 0       | 3                      | 1       | 3                             | 1       |
| AGE (YEARS)          | < 13                 | 6           | 5       | 0      | 0       | 0      | 0       | 1      | 3       | 0      | 0       | 0      | 0       | 0      | 0       | 7                      | 2       | 7                             | 2       |
|                      | 13 - 19              | 2           | 2       | 1      | 3       | 4      | 11      | 1      | 3       | 0      | 0       | 0      | 0       | 1      | 5       | 9                      | 3       | 9                             | 3       |
|                      | 20 - 29              | 25          | 23      | 6      | 19      | 8      | 21      | 8      | 22      | 2      | 29      | 8      | 16      | 4      | 18      | 61                     | 21      | 61                            | 21      |
|                      | 30 - 39              | 52          | 47      | 11     | 34      | 14     | 37      | 11     | 31      | 0      | 0       | 21     | 41      | 7      | 32      | 116                    | 39      | 115                           | 40      |
|                      | 40 - 49              | 19          | 17      | 6      | 19      | 10     | 26      | 11     | 31      | 2      | 29      | 12     | 24      | 5      | 23      | 65                     | 22      | 60                            | 21      |
|                      | Over 49              | 7           | 6       | 8      | 25      | 2      | 5       | 4      | 11      | 3      | 43      | 10     | 20      | 5      | 23      | 39                     | 13      | 38                            | 13      |
| MODE OF TRANSMISSION | MSM                  | 25          | 23      | 11     | 34      | 16     | 42      | 13     | 36      | 2      | 29      | 17     | 33      | 10     | 45      | 94                     | 32      | 92                            | 32      |
|                      | IDU                  | 36          | 32      | 8      | 25      | 5      | 13      | 5      | 14      | 2      | 29      | 10     | 20      | 3      | 14      | 69                     | 23      | 66                            | 23      |
|                      | MSM & IDU            | 4           | 4       | 2      | 6       | 0      | 0       | 1      | 3       | 1      | 14      | 0      | 0       | 0      | 0       | 8                      | 3       | 8                             | 3       |
|                      | COAGULATION DISORDER | 1           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1                      | 0       | 1                             | 0       |
|                      | HETEROSEXUAL         | 16          | 14      | 4      | 13      | 9      | 24      | 4      | 11      | 1      | 14      | 15     | 29      | 6      | 27      | 55                     | 19      | 54                            | 19      |
|                      | TRANSFUSION          | 1           | 1       | 0      | 0       | 0      | 0       | 1      | 3       | 0      | 0       | 0      | 0       | 0      | 0       | 2                      | 1       | 2                             | 1       |
|                      | UNDETERMINED MODE    | 22          | 20      | 7      | 22      | 8      | 21      | 11     | 31      | 1      | 14      | 9      | 18      | 3      | 14      | 61                     | 21      | 60                            | 21      |
|                      | PEDIATRIC            | 6           | 5       | 0      | 0       | 0      | 0       | 1      | 3       | 0      | 0       | 0      | 0       | 0      | 0       | 7                      | 2       | 7                             | 2       |
| COUNTY               | BRADFORD             | 7           | 6       | 2      | 6       | 0      | 0       | 3      | 8       | 0      | 0       | 5      | 10      | 1      | 5       | 18                     | 6       | 18                            | 6       |
|                      | CENTRE               | 21          | 19      | 7      | 22      | 4      | 11      | 4      | 11      | 0      | 0       | 11     | 22      | 4      | 18      | 51                     | 17      | 49                            | 17      |
|                      | CLINTON              | 0           | 0       | 0      | 0       | 1      | 3       | 1      | 3       | 1      | 14      | 0      | 0       | 2      | 9       | 5                      | 2       | 5                             | 2       |
|                      | COLUMBIA             | 4           | 4       | 3      | 9       | 5      | 13      | 1      | 3       | 1      | 14      | 4      | 8       | 1      | 5       | 19                     | 6       | 18                            | 6       |
|                      | LYCOMING             | 40          | 36      | 11     | 34      | 15     | 39      | 12     | 33      | 4      | 57      | 15     | 29      | 10     | 45      | 107                    | 36      | 105                           | 36      |
|                      | MONTOUR              | 3           | 3       | 1      | 3       | 0      | 0       | 1      | 3       | 0      | 0       | 1      | 2       | 0      | 0       | 6                      | 2       | 5                             | 2       |
|                      | NORTHUMBERLAND       | 15          | 14      | 2      | 6       | 2      | 5       | 1      | 3       | 0      | 0       | 4      | 8       | 2      | 9       | 26                     | 9       | 26                            | 9       |
|                      | POTTER               | 0           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 2       | 0      | 0       | 1                      | 0       | 1                             | 0       |
|                      | SNYDER               | 1           | 1       | 1      | 3       | 1      | 3       | 1      | 3       | 0      | 0       | 1      | 2       | 0      | 0       | 5                      | 2       | 5                             | 2       |
|                      | SULLIVAN             | 0           | 0       | 0      | 0       | 1      | 3       | 1      | 3       | 0      | 0       | 0      | 0       | 0      | 0       | 2                      | 1       | 2                             | 1       |
|                      | TIoga                | 2           | 2       | 2      | 6       | 3      | 8       | 0      | 0       | 1      | 14      | 4      | 8       | 0      | 0       | 12                     | 4       | 11                            | 4       |
|                      | UNION                | 18          | 16      | 3      | 9       | 6      | 16      | 11     | 31      | 0      | 0       | 5      | 10      | 2      | 9       | 45                     | 15      | 45                            | 16      |

Note: Percentages may not add to 100% due to 'rounding'.

Cumulative are cases diagnosed through December 31, 2007 and reported through June 30, 2008.

<sup>a</sup>Reflects year of first reported HIV diagnosis, which may not indicate first actual diagnosis for HIV infection.

\* Includes cases diagnosed prior to 2002

**TABLE 16A**  
**AIDS IN PENNSYLVANIA**  
**CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS**  
**1980-2007**

**SOUTH CENTRAL PENNSYLVANIA AIDS PLANNING COALITION**

ADAMS, BEDFORD, BLAIR, CUMBERLAND, DAUPHIN, FRANKLIN, FULTON, HUNTINGDON,  
JUNIATA, LANCASTER, LEBANON, MIFFLIN, PERRY, YORK COUNTIES

|   |   | 1980-2001   |  | 2002-2007^   |  | TOTAL TO DATE<br>1980-2007  |  | PRESUMED<br>LIVING  |  |
|---|---|---|--|--|--|---|--|---|--|
|   |   | number  | percent  | number   | percent  | number  | percent  | number  | percent  |
|   | TOTAL   | 2,603   | 100%   | 698  | 100%   | 3,301   | 100%   | 1,796   | 100%   |
| SEX   | MALE<br>FEMALE  | 2,018<br>585  | 78%<br>22%   | 491<br>207   | 70%<br>30%   | 2,509<br>792  | 76%<br>24%   | 1,292<br>504  | 72%<br>28%   |
| RACE/ETHNIC   | WHITE(NON-HISP)<br>BLACK(NON-HISP)<br>HISPANIC<br>ASIAN/PACIFIC<br>NATIVE AMERICAN<br>MULTIPLE RACE   | 1,400<br>713<br>473<br>4<br>4<br>9  | 54%<br>27%<br>18%<br>0%<br>0%<br>0%  | 329<br>238<br>115<br>1<br>2<br>13  | 47%<br>34%<br>16%<br>0%<br>0%<br>2%  | 1,729<br>951<br>588<br>5<br>6<br>22   | 52%<br>29%<br>18%<br>0%<br>0%<br>1%  | 889<br>533<br>349<br>2<br>3<br>20   | 49%<br>30%<br>19%<br>0%<br>0%<br>1%  |
| AGE (YEARS)   | 0-12 (PEDIATRIC)<br>13-19<br>20-29<br>30-39<br>40-49<br>OVER 49   | 38<br>26<br>415<br>1,159<br>699<br>266  | 1%<br>1%<br>16%<br>45%<br>27%<br>10%   | 2<br>5<br>76<br>230<br>240<br>145  | 0%<br>1%<br>11%<br>33%<br>34%<br>21%   | 40<br>31<br>491<br>1,389<br>939<br>411  | 1%<br>1%<br>15%<br>42%<br>28%<br>12%   | 15<br>16<br>258<br>748<br>535<br>224  | 1%<br>1%<br>14%<br>42%<br>30%<br>12%   |
| MODE OF TRANS   | MEN SEX W/MEN (MSM)<br>INJECTING DRUG(IDU)<br>MSM & IDU<br>COAGULATION DISORDER<br>HETEROSEXUAL CONTACT<br>TRANSFUSION<br>UNDETERMINED/OTHER<br>ALL PEDIATRIC**   | 991<br>855<br>157<br>52<br>387<br>36<br>78<br>47                                    | 38%<br>33%<br>6%<br>2%<br>15%<br>1%<br>3%<br>2%                                      | 215<br>134<br>24<br>0<br>187<br>1<br>131<br>6                                  | 31%<br>19%<br>3%<br>0%<br>27%<br>0%<br>19%<br>1%                                     | 1,206<br>989<br>181<br>52<br>574<br>37<br>209<br>53                                   | 37%<br>30%<br>5%<br>2%<br>17%<br>1%<br>6%<br>2%                                      | 606<br>497<br>73<br>15<br>400<br>5<br>177<br>23                                   | 34%<br>28%<br>4%<br>1%<br>22%<br>0%<br>10%<br>1%                                     |
| AIDS DEFINING ILLNESSES*<br>PRESENTING<br>AT AIDS DIAGNOSIS | Immunological<br>Pneumocystis Carinii Pneumonia<br>Candidiasis, Esophagus<br>Wasting Syndrome<br>Chronic Mucocutaneous Herpes Simplex<br>Cryptococcosis<br>Candidiasis Lung<br>Kaposi's Sarcoma<br>HIV Encephalopathy | 1,480<br>565<br>288<br>307<br>151<br>74<br>79<br>75<br>74                           | 57%<br>22%<br>11%<br>12%<br>6%<br>3%<br>3%<br>3%<br>3%                               | 599<br>72<br>54<br>23<br>7<br>12<br>6<br>5<br>5                                | 86%<br>10%<br>8%<br>3%<br>1%<br>2%<br>1%<br>1%<br>1%                                 | 2,079<br>637<br>342<br>330<br>158<br>86<br>85<br>80<br>79                             | 63%<br>19%<br>10%<br>10%<br>5%<br>3%<br>3%<br>2%<br>2%                               | 1,420<br>205<br>121<br>81<br>63<br>25<br>19<br>20<br>19                           | 79%<br>11%<br>7%<br>5%<br>4%<br>1%<br>1%<br>1%<br>1%                                 |
| COUNTY  | ADAMS<br>BEDFORD<br>BLAIR<br>CUMBERLAND<br>DAUPHIN<br>FRANKLIN<br>FULTON<br>HUNTINGDON<br>JUNIATA<br>LANCASTER<br>LEBANON<br>MIFFLIN<br>PERRY<br>YORK   | 53<br>15<br>66<br>252<br>753<br>90<br>2<br>63<br>7<br>640<br>115<br>18<br>22<br>507 | 2%<br>1%<br>3%<br>10%<br>29%<br>3%<br>0%<br>2%<br>0%<br>25%<br>4%<br>1%<br>1%<br>19% | 15<br>5<br>28<br>82<br>139<br>24<br>2<br>19<br>5<br>151<br>24<br>2<br>7<br>195 | 2%<br>1%<br>4%<br>12%<br>20%<br>3%<br>0%<br>3%<br>1%<br>22%<br>3%<br>0%<br>1%<br>28% | 68<br>20<br>94<br>334<br>892<br>114<br>4<br>82<br>12<br>791<br>139<br>20<br>29<br>702 | 2%<br>1%<br>3%<br>10%<br>27%<br>3%<br>0%<br>2%<br>0%<br>24%<br>4%<br>1%<br>1%<br>21% | 33<br>12<br>50<br>209<br>452<br>64<br>4<br>55<br>7<br>415<br>73<br>8<br>16<br>398 | 2%<br>1%<br>3%<br>12%<br>25%<br>4%<br>0%<br>3%<br>0%<br>23%<br>4%<br>0%<br>1%<br>22% |

\* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

\*\* Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

^ The more recent pattern, 2002-2007 is a better reflection of current distribution of cases than the earlier, 1980-2001 or the total to date, 1980-2007.

Note: Percentages may not add to 100% due to rounding.

TABLE 16B  
HIV (NON-AIDS) IN PENNSYLVANIA  
CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS  
2002-2007<sup>a</sup>  
SOUTH CENTRAL PENNSYLVANIA AIDS PLANNING COALITION  
ADAMS, BEDFORD, BLAIR, CUMBERLAND, DAUPHIN, FRANKLIN, FULTON, HUNTINGDON,  
JUNIATA, LANCASTER, LEBANON, MIFFLIN, PERRY, YORK COUNTIES

|                      |                      | BEFORE 2002 |         | 2002   |         | 2003   |         | 2004   |         | 2005   |         | 2006   |         | 2007   |         | TOTAL TO DEC 31, 2007* |         | CURRENTLY LIVING DEC 31, 2007 |         |
|----------------------|----------------------|-------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|------------------------|---------|-------------------------------|---------|
|                      |                      | number      | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number                 | percent | number                        | percent |
|                      |                      | TOTAL CASES | 734     | 100    | 125     | 100    | 110     | 100    | 106     | 100    | 93      | 100    | 141     | 100    | 90      | 100                    | 1,399   | 100                           | 1,349   |
| SEX                  | MALE                 | 497         | 68      | 85     | 68      | 76     | 69      | 72     | 68      | 69     | 74      | 97     | 69      | 58     | 64      | 954                    | 68      | 918                           | 68      |
|                      | FEMALE               | 237         | 32      | 40     | 32      | 34     | 31      | 34     | 32      | 24     | 26      | 44     | 31      | 32     | 36      | 445                    | 32      | 431                           | 32      |
| RRACE/ETHNICITY      | WHITE(NON-HISP)      | 390         | 53      | 54     | 43      | 48     | 44      | 49     | 46      | 47     | 51      | 68     | 48      | 38     | 42      | 694                    | 50      | 671                           | 50      |
|                      | BLACK(NON-HISP)      | 208         | 28      | 43     | 34      | 39     | 35      | 34     | 32      | 28     | 30      | 41     | 29      | 28     | 31      | 421                    | 30      | 403                           | 30      |
|                      | HISPANIC             | 120         | 16      | 27     | 22      | 22     | 20      | 21     | 20      | 15     | 16      | 31     | 22      | 22     | 24      | 258                    | 18      | 251                           | 19      |
|                      | ASIAN/PACIFIC        | 2           | 0       | 0      | 0       | 0      | 0       | 1      | 1       | 1      | 1       | 0      | 0       | 0      | 0       | 4                      | 0       | 4                             | 0       |
|                      | NATIVE AMERICAN      | 0           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0                      | 0       | 0                             | 0       |
|                      | MULTIRACE            | 14          | 2       | 1      | 1       | 1      | 1       | 1      | 1       | 2      | 2       | 1      | 1       | 2      | 2       | 22                     | 2       | 20                            | 1       |
| AGE (YEARS)          | < 13                 | 17          | 2       | 0      | 0       | 3      | 3       | 0      | 0       | 1      | 1       | 6      | 4       | 0      | 0       | 27                     | 2       | 26                            | 2       |
|                      | 13 - 19              | 28          | 4       | 3      | 2       | 2      | 2       | 3      | 3       | 4      | 4       | 3      | 2       | 4      | 4       | 47                     | 3       | 47                            | 3       |
|                      | 20 - 29              | 195         | 27      | 21     | 17      | 21     | 19      | 28     | 26      | 23     | 25      | 31     | 22      | 9      | 10      | 328                    | 23      | 326                           | 24      |
|                      | 30 - 39              | 301         | 41      | 49     | 39      | 34     | 31      | 38     | 36      | 32     | 34      | 44     | 31      | 26     | 29      | 524                    | 37      | 504                           | 37      |
|                      | 40 - 49              | 144         | 20      | 35     | 28      | 33     | 30      | 26     | 25      | 22     | 24      | 36     | 26      | 31     | 34      | 327                    | 23      | 313                           | 23      |
|                      | Over 49              | 49          | 7       | 17     | 14      | 17     | 15      | 11     | 10      | 11     | 12      | 21     | 15      | 20     | 22      | 146                    | 10      | 133                           | 10      |
| MODE OF TRANSMISSION | MSM                  | 209         | 28      | 30     | 24      | 30     | 27      | 36     | 34      | 46     | 49      | 47     | 33      | 23     | 26      | 421                    | 30      | 415                           | 31      |
|                      | IDU                  | 209         | 28      | 32     | 26      | 23     | 21      | 16     | 15      | 15     | 16      | 37     | 26      | 14     | 16      | 346                    | 25      | 321                           | 24      |
|                      | MSM & IDU            | 18          | 2       | 2      | 2       | 1      | 1       | 4      | 4       | 1      | 1       | 2      | 1       | 0      | 0       | 28                     | 2       | 28                            | 2       |
|                      | COAGULATION DISORDER | 5           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 5                      | 0       | 5                             | 0       |
|                      | HETEROSEXUAL         | 176         | 24      | 26     | 21      | 28     | 25      | 23     | 22      | 18     | 19      | 32     | 23      | 44     | 49      | 347                    | 25      | 337                           | 25      |
|                      | TRANSFUSION          | 4           | 1       | 1      | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 1       | 6                      | 0       | 5                             | 0       |
|                      | UNDETERMINED MODE    | 96          | 13      | 34     | 27      | 25     | 23      | 27     | 25      | 12     | 13      | 17     | 12      | 8      | 9       | 219                    | 16      | 212                           | 16      |
|                      | PEDIATRIC            | 17          | 2       | 0      | 0       | 3      | 3       | 0      | 0       | 1      | 1       | 6      | 4       | 0      | 0       | 27                     | 2       | 26                            | 2       |
| COUNTY               | ADAMS                | 11          | 1       | 3      | 2       | 0      | 0       | 0      | 0       | 1      | 1       | 1      | 1       | 2      | 2       | 18                     | 1       | 18                            | 1       |
|                      | BEDFORD              | 1           | 0       | 1      | 1       | 1      | 1       | 4      | 4       | 3      | 3       | 0      | 0       | 0      | 0       | 10                     | 1       | 9                             | 1       |
|                      | BLAIR                | 20          | 3       | 4      | 3       | 2      | 2       | 1      | 1       | 5      | 5       | 1      | 1       | 2      | 2       | 35                     | 3       | 32                            | 2       |
|                      | CUMBERLAND           | 104         | 14      | 18     | 14      | 20     | 18      | 6      | 6       | 9      | 10      | 16     | 11      | 7      | 8       | 180                    | 13      | 174                           | 13      |
|                      | DAUPHIN              | 233         | 32      | 26     | 21      | 27     | 25      | 23     | 22      | 24     | 26      | 38     | 27      | 27     | 30      | 398                    | 28      | 383                           | 28      |
|                      | FRANKLIN             | 30          | 4       | 5      | 4       | 3      | 3       | 1      | 1       | 4      | 4       | 6      | 4       | 2      | 2       | 51                     | 4       | 48                            | 4       |
|                      | FULTON               | 1           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 1       | 1      | 1       | 3                      | 0       | 3                             | 0       |
|                      | HUNTINGDON           | 17          | 2       | 1      | 1       | 2      | 2       | 3      | 3       | 0      | 0       | 4      | 3       | 1      | 1       | 28                     | 2       | 28                            | 2       |
|                      | JUNIATA              | 3           | 0       | 0      | 0       | 1      | 1       | 0      | 0       | 2      | 2       | 0      | 0       | 1      | 1       | 7                      | 1       | 7                             | 1       |
|                      | LANCASTER            | 163         | 22      | 29     | 23      | 31     | 28      | 36     | 34      | 17     | 18      | 35     | 25      | 11     | 12      | 322                    | 23      | 310                           | 23      |
|                      | LEBANON              | 28          | 4       | 3      | 2       | 1      | 1       | 4      | 4       | 1      | 1       | 7      | 5       | 4      | 4       | 48                     | 3       | 48                            | 4       |
|                      | MIFFLIN              | 4           | 1       | 1      | 1       | 0      | 0       | 1      | 1       | 0      | 0       | 1      | 1       | 0      | 0       | 7                      | 1       | 6                             | 0       |
|                      | PERRY                | 5           | 1       | 1      | 1       | 2      | 2       | 2      | 2       | 1      | 1       | 2      | 1       | 1      | 1       | 14                     | 1       | 14                            | 1       |
|                      | YORK                 | 114         | 16      | 33     | 26      | 20     | 18      | 25     | 24      | 26     | 28      | 29     | 21      | 31     | 34      | 278                    | 20      | 269                           | 20      |

Note: Percentages may not add to 100% due to 'rounding'.

Cummulative are cases diagnosed through December 31, 2007 and reported through June 30, 2008.

<sup>a</sup>Reflects year of first reported HIV diagnosis, which may not indicate first actual diagnosis for HIV infection.

\* Includes cases diagnosed prior to 2002

**TABLE 17A**  
**AIDS IN PENNSYLVANIA**  
**CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS**  
**1980-2007**

**SOUTHWEST PENNSYLVANIA AIDS PLANNING COALITION**  
 ALLEGHENY, ARMSTRONG, BEAVER, BUTLER, CAMBRIA, FAYETTE, GREENE  
 INDIANA, SOMERSET, WASHINGTON, WESTMORELAND COUNTIES

|   |  | 1980-2001   |   | 2002-2007^  |   | TOTAL TO DATE<br>1980-2007  |   | PRESUMED<br>LIVING  |   |
|---|--|---|---|---|---|---|---|---|---|
|   |  | number  | percent   | number  | percent   | number  | percent   | number  | percent   |
|   |  | TOTAL   | 2,815   | 100%  | 746   | 100%  | 3,561   | 100%  | 1,647   |
| SEX   | MALE<br>FEMALE   | 2,459<br>356  | 87%<br>13%  | 598<br>148  | 80%<br>20%  | 3,057<br>504  | 86%<br>14%  | 1,347<br>300  | 82%<br>18%  |
| RACE/ETHNIC   | WHITE(NON-HISP)<br>BLACK(NON-HISP)<br>HISPANIC<br>ASIAN/PACIFIC<br>NATIVE AMERICAN<br>MULTIPLE RACE  | 1,776<br>943<br>67<br>9<br>1<br>19                                    | 63%<br>33%<br>2%<br>0%<br>0%<br>1%                              | 386<br>319<br>19<br>2<br>0<br>20                              | 52%<br>43%<br>3%<br>0%<br>0%<br>3%                              | 2,162<br>1,262<br>86<br>11<br>1<br>39                                 | 61%<br>35%<br>2%<br>0%<br>0%<br>1%                              | 908<br>644<br>57<br>7<br>0<br>31                                  | 55%<br>39%<br>3%<br>0%<br>0%<br>2%                              |
| AGE (YEARS)   | 0-12 (PEDIATRIC)<br>13-19<br>20-29<br>30-39<br>40-49<br>OVER 49  | 19<br>12<br>467<br>1,230<br>767<br>320                                | 1%<br>0%<br>17%<br>44%<br>27%<br>11%                            | 1<br>6<br>75<br>235<br>292<br>137                             | 0%<br>1%<br>10%<br>32%<br>39%<br>18%                            | 20<br>18<br>542<br>1,465<br>1,059<br>457                              | 1%<br>1%<br>15%<br>41%<br>30%<br>13%                            | 10<br>12<br>244<br>661<br>529<br>191                              | 1%<br>1%<br>15%<br>40%<br>32%<br>12%                            |
| MODE OF TRANS   | MEN SEX W/MEN (MSM)<br>INJECTING DRUG(IDU)<br>MSM & IDU<br>COAGULATION DISORDER<br>HETEROSEXUAL CONTACT<br>TRANSFUSION<br>UNDETERMINED/OTHER<br>ALL PEDIATRIC**  | 1,720<br>485<br>173<br>56<br>219<br>51<br>90<br>21                    | 61%<br>17%<br>6%<br>2%<br>8%<br>2%<br>3%<br>1%                  | 360<br>103<br>17<br>3<br>168<br>7<br>87<br>1                  | 48%<br>14%<br>2%<br>0%<br>23%<br>1%<br>12%<br>0%                | 2,080<br>588<br>190<br>59<br>387<br>58<br>177<br>22                   | 58%<br>17%<br>5%<br>2%<br>11%<br>2%<br>5%<br>1%                 | 867<br>264<br>70<br>15<br>285<br>13<br>121<br>12                  | 53%<br>16%<br>4%<br>1%<br>17%<br>1%<br>7%<br>1%                 |
| AIDS DEFINING ILLNESSES*<br>PRESENTING<br>AT AIDS DIAGNOSIS | Immunological<br>Pneumocystis Carinii Pneumonia<br>Candidiasis, Esophagus<br>Wasting Syndrome<br>Kaposi's Sarcoma<br>Cytomegalovirus Disease<br>HIV Encephalopathy<br>Chronic Mucocutaneous Herpes Simplex<br>Cryptococcosis | 1,381<br>668<br>314<br>234<br>115<br>89<br>91<br>88<br>69             | 49%<br>24%<br>11%<br>8%<br>4%<br>3%<br>3%<br>3%<br>2%           | 656<br>69<br>49<br>26<br>7<br>13<br>5<br>4<br>8               | 88%<br>9%<br>7%<br>3%<br>1%<br>2%<br>1%<br>1%<br>1%             | 2,037<br>737<br>363<br>260<br>122<br>102<br>96<br>92<br>77            | 57%<br>21%<br>10%<br>7%<br>3%<br>3%<br>3%<br>3%<br>2%           | 1,306<br>240<br>131<br>91<br>28<br>34<br>12<br>30<br>21           | 79%<br>15%<br>8%<br>6%<br>2%<br>2%<br>1%<br>2%<br>1%            |
| COUNTY  | ALLEGHENY<br>ARMSTRONG<br>BEAVER<br>BUTLER<br>CAMBRIA<br>FAYETTE<br>GREENE<br>INDIANA<br>SOMERSET<br>WASHINGTON<br>WESTMORELAND  | 2,059<br>33<br>104<br>51<br>105<br>55<br>24<br>27<br>62<br>103<br>192 | 73%<br>1%<br>4%<br>2%<br>4%<br>2%<br>1%<br>1%<br>2%<br>4%<br>7% | 542<br>10<br>35<br>13<br>31<br>19<br>7<br>9<br>14<br>29<br>37 | 73%<br>1%<br>5%<br>2%<br>4%<br>3%<br>1%<br>1%<br>2%<br>4%<br>5% | 2,601<br>43<br>139<br>64<br>136<br>74<br>31<br>36<br>76<br>132<br>229 | 73%<br>1%<br>4%<br>2%<br>4%<br>2%<br>1%<br>1%<br>2%<br>4%<br>6% | 1,173<br>20<br>73<br>29<br>78<br>39<br>17<br>16<br>46<br>61<br>95 | 71%<br>1%<br>4%<br>2%<br>5%<br>2%<br>1%<br>1%<br>3%<br>4%<br>6% |

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

\*\* Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

^ The more recent pattern, 2002-2007 is a better reflection of current distribution of cases than the earlier, 1980-2001 or the total to date, 1980-2007.

Note: Percentages may not add to 100% due to rounding.

TABLE 17B  
 HIV (NON-AIDS) IN PENNSYLVANIA  
 CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS  
 2002-2007<sup>a</sup>  
 SOUTHWEST PENNSYLVANIA AIDS PLANNING COALITION  
 ALLEGHENY, ARMSTRONG, BEAVER, BUTLER, CAMBRIA, FAYETTE, GREENE  
 INDIANA, SOMERSET, WASHINGTON, WESTMORELAND COUNTIES

|                      |                      | BEFORE 2002 |         | 2002   |         | 2003   |         | 2004   |         | 2005   |         | 2006   |         | 2007   |         | TOTAL TO DEC 31, 2007* |         | CURRENTLY LIVING DEC 31, 2007 |         |
|----------------------|----------------------|-------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|------------------------|---------|-------------------------------|---------|
|                      |                      | number      | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number                 | percent | number                        | percent |
|                      |                      | TOTAL CASES | 655     | 100    | 98      | 100    | 87      | 100    | 111     | 100    | 94      | 100    | 157     | 100    | 140     | 100                    | 1,342   | 100                           | 1,283   |
| SEX                  | MALE                 | 512         | 78      | 73     | 74      | 70     | 80      | 91     | 82      | 71     | 76      | 118    | 75      | 108    | 77      | 1,043                  | 78      | 996                           | 78      |
|                      | FEMALE               | 143         | 22      | 25     | 26      | 17     | 20      | 20     | 18      | 23     | 24      | 39     | 25      | 32     | 23      | 299                    | 22      | 287                           | 22      |
| RACE/ETHNICITY       | WHITE(NON-HISP)      | 383         | 58      | 41     | 42      | 42     | 48      | 65     | 59      | 43     | 46      | 79     | 50      | 64     | 46      | 717                    | 53      | 692                           | 54      |
|                      | BLACK(NON-HISP)      | 233         | 36      | 48     | 49      | 41     | 47      | 40     | 36      | 45     | 48      | 64     | 41      | 60     | 43      | 531                    | 40      | 500                           | 39      |
|                      | HISPANIC             | 23          | 4       | 4      | 4       | 2      | 2       | 5      | 5       | 2      | 2       | 2      | 1       | 8      | 6       | 46                     | 3       | 44                            | 3       |
|                      | ASIAN/PACIFIC        | 7           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 1       | 2      | 1       | 1      | 12      | 1                      | 12      | 1                             | 1       |
|                      | NATIVE AMERICAN      | 1           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1                      | 0       | 1                             | 0       |
|                      | MULTIRACE            | 8           | 1       | 5      | 5       | 2      | 2       | 1      | 1       | 3      | 3       | 10     | 6       | 6      | 4       | 35                     | 3       | 34                            | 3       |
| AGE (YEARS)          | < 13                 | 6           | 1       | 2      | 2       | 0      | 0       | 1      | 1       | 1      | 1       | 0      | 0       | 0      | 0       | 10                     | 1       | 10                            | 1       |
|                      | 13 - 19              | 21          | 3       | 0      | 0       | 1      | 1       | 7      | 6       | 4      | 4       | 13     | 8       | 10     | 7       | 56                     | 4       | 55                            | 4       |
|                      | 20 - 29              | 193         | 29      | 26     | 27      | 20     | 23      | 25     | 23      | 20     | 21      | 29     | 18      | 34     | 24      | 347                    | 26      | 343                           | 27      |
|                      | 30 - 39              | 263         | 40      | 36     | 37      | 21     | 24      | 32     | 29      | 33     | 35      | 40     | 25      | 40     | 29      | 465                    | 35      | 451                           | 35      |
|                      | 40 - 49              | 135         | 21      | 19     | 19      | 36     | 41      | 38     | 34      | 18     | 19      | 53     | 34      | 38     | 27      | 337                    | 25      | 311                           | 24      |
|                      | Over 49              | 37          | 6       | 15     | 15      | 9      | 10      | 8      | 7       | 18     | 19      | 22     | 14      | 18     | 13      | 127                    | 9       | 113                           | 9       |
| MODE OF TRANSMISSION | MSM                  | 367         | 56      | 51     | 52      | 39     | 45      | 57     | 51      | 46     | 49      | 68     | 43      | 69     | 49      | 697                    | 52      | 674                           | 53      |
|                      | IDU                  | 86          | 13      | 9      | 9       | 12     | 14      | 11     | 10      | 6      | 6       | 12     | 8       | 7      | 5       | 143                    | 11      | 126                           | 10      |
|                      | MSM & IDU            | 25          | 4       | 1      | 1       | 1      | 1       | 1      | 1       | 1      | 1       | 3      | 2       | 3      | 2       | 35                     | 3       | 32                            | 2       |
|                      | COAGULATION DISORDER | 4           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 1       | 5                      | 0       | 5                             | 0       |
|                      | HETEROSEXUAL         | 137         | 21      | 22     | 22      | 24     | 28      | 27     | 24      | 13     | 14      | 43     | 27      | 45     | 32      | 311                    | 23      | 299                           | 23      |
|                      | TRANSFUSION          | 2           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 1       | 0      | 0       | 3                      | 0       | 3                             | 0       |
|                      | UNDETERMINED MODE    | 28          | 4       | 13     | 13      | 11     | 13      | 14     | 13      | 27     | 29      | 30     | 19      | 15     | 11      | 138                    | 10      | 134                           | 10      |
|                      | PEDIATRIC            | 6           | 1       | 2      | 2       | 0      | 0       | 1      | 1       | 1      | 1       | 0      | 0       | 0      | 0       | 10                     | 1       | 10                            | 1       |
| COUNTY               | ALLEGHENY            | 520         | 79      | 75     | 77      | 66     | 76      | 83     | 75      | 71     | 76      | 110    | 70      | 123    | 88      | 1,048                  | 78      | 1,000                         | 78      |
|                      | ARMSTRONG            | 5           | 1       | 2      | 2       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 1       | 0      | 0       | 8                      | 1       | 7                             | 1       |
|                      | BEAVER               | 16          | 2       | 2      | 2       | 3      | 3       | 3      | 3       | 5      | 5       | 0      | 0       | 0      | 0       | 29                     | 2       | 27                            | 2       |
|                      | BUTLER               | 19          | 3       | 2      | 2       | 0      | 0       | 2      | 2       | 2      | 2       | 1      | 1       | 3      | 2       | 29                     | 2       | 28                            | 2       |
|                      | CAMBRIA              | 19          | 3       | 1      | 1       | 3      | 3       | 6      | 5       | 4      | 4       | 9      | 6       | 2      | 1       | 44                     | 3       | 42                            | 3       |
|                      | FAYETTE              | 6           | 1       | 1      | 1       | 5      | 6       | 3      | 3       | 0      | 0       | 6      | 4       | 3      | 2       | 24                     | 2       | 23                            | 2       |
|                      | GREENE               | 5           | 1       | 3      | 3       | 0      | 0       | 2      | 2       | 2      | 2       | 1      | 1       | 0      | 0       | 13                     | 1       | 12                            | 1       |
|                      | INDIANA              | 5           | 1       | 1      | 1       | 3      | 3       | 3      | 3       | 2      | 2       | 4      | 3       | 1      | 1       | 19                     | 1       | 19                            | 1       |
|                      | SOMERSET             | 16          | 2       | 3      | 3       | 3      | 3       | 2      | 2       | 0      | 0       | 4      | 3       | 2      | 1       | 30                     | 2       | 27                            | 2       |
| WASHINGTON           | 21                   | 3           | 2       | 2      | 1       | 11     | 3       | 3      | 3       | 3      | 3       | 16     | 10      | 2      | 1       | 48                     | 4       | 48                            | 4       |
|                      | WESTMORELAND         | 23          | 4       | 6      | 6       | 3      | 3       | 4      | 4       | 5      | 5       | 3      | 4       | 3      | 1       | 50                     | 4       | 50                            | 4       |

Note: Percentages may not add to 100% due to 'rounding'.

Cumulative are cases diagnosed through December 31, 2007 and reported through June 30, 2008.

<sup>a</sup>Reflects year of first reported HIV diagnosis, which may not indicate first actual diagnosis for HIV infection.

\* Includes cases diagnosed prior to 2002

**TABLE 18A**  
**AIDS IN PENNSYLVANIA**  
**CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS**  
**1980-2007**

**NORTHWEST PENNSYLVANIA RURAL AIDS ALLIANCE**

CAMERON, CLARION, CLEARFIELD, CRAWFORD, ELK, ERIE, FOREST, JEFFERSON,  
 LAWRENCE, MCKEAN, MERCER, VENANGO, WARREN COUNTIES

|   |                                      | 1980-2001 |         | 2002-2007 <sup>A</sup> |         | TOTAL TO DATE<br>1980-2007 |         | PRESUMED<br>LIVING |         |
|---|--------------------------------------|-----------|---------|------------------------|---------|----------------------------|---------|--------------------|---------|
|   |                                      | number    | percent | number                 | percent | number                     | percent | number             | percent |
|   | TOTAL                                | 535       | 100%    | 162                    | 100%    | 697                        | 100%    | 362                | 100%    |
| SEX   | MALE                                 | 451       | 84%     | 125                    | 77%     | 576                        | 83%     | 283                | 78%     |
|   | FEMALE                               | 84        | 16%     | 37                     | 23%     | 121                        | 17%     | 79                 | 22%     |
| RACE/ETHNIC   | WHITE(NON-HISP)                      | 379       | 71%     | 89                     | 55%     | 468                        | 67%     | 207                | 57%     |
|   | BLACK(NON-HISP)                      | 112       | 21%     | 47                     | 29%     | 159                        | 23%     | 103                | 28%     |
|   | HISPANIC                             | 40        | 7%      | 23                     | 14%     | 63                         | 9%      | 48                 | 13%     |
|   | ASIAN/PACIFIC                        | 4         | 1%      | 0                      | 0%      | 4                          | 1%      | 1                  | 0%      |
|   | NATIVE AMERICAN                      | 0         | 0%      | 0                      | 0%      | 0                          | 0%      | 0                  | 0%      |
|   | MULTIPLE RACE                        | 0         | 0%      | 3                      | 2%      | 3                          | 0%      | 3                  | 1%      |
| AGE (YEARS)   | 0-12 (PEDIATRIC)                     | 5         | 1%      | 3                      | 2%      | 8                          | 1%      | 6                  | 2%      |
|   | 13-19                                | 7         | 1%      | 0                      | 0%      | 7                          | 1%      | 5                  | 1%      |
|   | 20-29                                | 97        | 18%     | 32                     | 20%     | 129                        | 19%     | 79                 | 22%     |
|   | 30-39                                | 223       | 42%     | 47                     | 29%     | 270                        | 39%     | 132                | 36%     |
|   | 40-49                                | 133       | 25%     | 55                     | 34%     | 188                        | 27%     | 96                 | 27%     |
|   | OVER 49                              | 70        | 13%     | 25                     | 15%     | 95                         | 14%     | 44                 | 12%     |
| MODE OF TRANS   | MEN SEX W/MEN (MSM)                  | 253       | 47%     | 53                     | 33%     | 306                        | 44%     | 130                | 36%     |
|   | INJECTING DRUG(IDU)                  | 132       | 25%     | 36                     | 22%     | 168                        | 24%     | 89                 | 25%     |
|   | MSM & IDU                            | 35        | 7%      | 9                      | 6%      | 44                         | 6%      | 31                 | 9%      |
|   | COAGULATION DISORDER                 | 14        | 3%      | 0                      | 0%      | 14                         | 2%      | 1                  | 0%      |
|   | HETEROSEXUAL CONTACT                 | 61        | 11%     | 38                     | 23%     | 99                         | 14%     | 72                 | 20%     |
|   | TRANSFUSION                          | 14        | 3%      | 0                      | 0%      | 14                         | 2%      | 0                  | 0%      |
|   | UNDETERMINED/OTHER                   | 17        | 3%      | 23                     | 14%     | 40                         | 6%      | 29                 | 8%      |
|   | ALL PEDIATRIC**                      | 9         | 2%      | 3                      | 2%      | 12                         | 2%      | 10                 | 3%      |
| AIDS DEFINING ILLNESSES*<br>PRESENTING<br>AT AIDS DIAGNOSIS | Immunological                        | 327       | 61%     | 132                    | 81%     | 459                        | 66%     | 279                | 77%     |
|   | Pneumocystis Carinii Pneumonia       | 118       | 22%     | 20                     | 12%     | 138                        | 20%     | 48                 | 13%     |
|   | Wasting Syndrome                     | 63        | 12%     | 10                     | 6%      | 73                         | 10%     | 21                 | 6%      |
|   | Candidiasis, Esophagus               | 54        | 10%     | 10                     | 6%      | 64                         | 9%      | 23                 | 6%      |
|   | Chronic Mucocutaneous Herpes Simplex | 21        | 4%      | 5                      | 3%      | 26                         | 4%      | 12                 | 3%      |
|   | Cytomegalovirus Disease              | 22        | 4%      | 1                      | 1%      | 23                         | 3%      | 4                  | 1%      |
|   | HIV Encephalopathy                   | 20        | 4%      | 2                      | 1%      | 22                         | 3%      | 7                  | 2%      |
|   | Cryptococcosis                       | 16        | 3%      | 4                      | 2%      | 20                         | 3%      | 12                 | 3%      |
|   | Pneumonia, Recurrent                 | 15        | 3%      | 2                      | 1%      | 17                         | 2%      | 7                  | 2%      |
| COUNTY  | CAMERON                              | 0         | 0%      | 0                      | 0%      | 0                          | 0%      | 0                  | 0%      |
|   | CLARION                              | 7         | 1%      | 4                      | 2%      | 11                         | 2%      | 7                  | 2%      |
|   | CLEARFIELD                           | 51        | 10%     | 11                     | 7%      | 62                         | 9%      | 39                 | 11%     |
|   | CRAWFORD                             | 46        | 9%      | 11                     | 7%      | 57                         | 8%      | 28                 | 8%      |
|   | ELK                                  | 5         | 1%      | 1                      | 1%      | 6                          | 1%      | 2                  | 1%      |
|   | ERIE                                 | 238       | 44%     | 71                     | 44%     | 309                        | 44%     | 165                | 46%     |
|   | FOREST                               | 1         | 0%      | 4                      | 2%      | 5                          | 1%      | 4                  | 1%      |
|   | JEFFERSON                            | 13        | 2%      | 2                      | 1%      | 15                         | 2%      | 6                  | 2%      |
|   | LAWRENCE                             | 47        | 9%      | 13                     | 8%      | 60                         | 9%      | 26                 | 7%      |
|   | MCKEAN                               | 27        | 5%      | 7                      | 4%      | 34                         | 5%      | 18                 | 5%      |
|   | MERCER                               | 58        | 11%     | 25                     | 15%     | 83                         | 12%     | 43                 | 12%     |
|   | VENANGO                              | 29        | 5%      | 3                      | 2%      | 32                         | 5%      | 10                 | 3%      |
|   | WARREN                               | 13        | 2%      | 10                     | 6%      | 23                         | 3%      | 14                 | 4%      |

\* Only AIDS defining illnesses diagnosed at the same time as AIDS diagnosis are included.

Percentages total more than 100 because one case may have several conditions diagnosed.

The nine most common conditions among all cases are listed.

\*\* Includes adult cases which are assigned pediatric modes of transmission since infection is believed to have occurred before age 13

<sup>A</sup> The more recent pattern, 2002-2007 is a better reflection of current distribution of cases than the earlier, 1980-2001 or the total to date, 1980-2007.

Note: Percentages may not add to 100% due to rounding .

TABLE 18B  
 HIV (NON-AIDS) IN PENNSYLVANIA  
 CHARACTERISTICS OF CASES BY TIME INTERVAL OF DIAGNOSIS  
 2002-2007<sup>a</sup>  
 NORTHWEST PENNSYLVANIA RURAL AIDS ALLIANCE  
 CAMERON, CLARION, CLEARFIELD, CRAWFORD, ELK, ERIE, FOREST, JEFFERSON,  
 LAWRENCE, MCKEAN, MERCER, VENANGO, WARREN COUNTIES

|                      |                      | BEFORE 2002 |         | 2002   |         | 2003   |         | 2004   |         | 2005   |         | 2006   |         | 2007   |         | TOTAL TO DEC 31, 2007* |         | CURRENTLY LIVING DEC 31, 2007 |         |
|----------------------|----------------------|-------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|------------------------|---------|-------------------------------|---------|
|                      |                      | number      | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number | percent | number                 | percent | number                        | percent |
|                      |                      | TOTAL CASES | 137     | 100    | 15      | 100    | 28      | 100    | 17      | 100    | 17      | 100    | 39      | 100    | 22      | 100                    | 275     | 100                           | 269     |
| SEX                  | MALE                 | 107         | 78      | 10     | 67      | 19     | 68      | 11     | 65      | 10     | 59      | 28     | 72      | 20     | 91      | 205                    | 75      | 201                           | 75      |
|                      | FEMALE               | 30          | 22      | 5      | 33      | 9      | 32      | 6      | 35      | 7      | 41      | 11     | 28      | 2      | 9       | 70                     | 25      | 68                            | 25      |
| RACE/ETHNICITY       | WHITE(NON-HISP)      | 63          | 46      | 11     | 73      | 17     | 61      | 8      | 47      | 12     | 71      | 23     | 59      | 15     | 68      | 149                    | 54      | 145                           | 54      |
|                      | BLACK(NON-HISP)      | 52          | 38      | 3      | 20      | 9      | 32      | 5      | 29      | 3      | 18      | 13     | 33      | 4      | 18      | 89                     | 32      | 87                            | 32      |
|                      | HISPANIC             | 19          | 14      | 1      | 7       | 2      | 7       | 4      | 24      | 1      | 6       | 2      | 5       | 2      | 9       | 31                     | 11      | 31                            | 12      |
|                      | ASIAN/PACIFIC        | 2           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 2                      | 1       | 2                             | 1       |
|                      | NATIVE AMERICAN      | 1           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1                      | 0       | 1                             | 0       |
|                      | MULTIRACE            | 0           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 6       | 1      | 3       | 1      | 5       | 3                      | 1       | 3                             | 1       |
| AGE (YEARS)          | < 13                 | 1           | 1       | 0      | 0       | 0      | 0       | 1      | 6       | 0      | 0       | 1      | 3       | 0      | 0       | 3                      | 1       | 3                             | 1       |
|                      | 13 - 19              | 7           | 5       | 0      | 0       | 0      | 0       | 0      | 0       | 2      | 12      | 1      | 3       | 0      | 0       | 10                     | 4       | 10                            | 4       |
|                      | 20 - 29              | 36          | 26      | 1      | 7       | 6      | 21      | 4      | 24      | 4      | 24      | 3      | 8       | 8      | 36      | 62                     | 23      | 62                            | 23      |
|                      | 30 - 39              | 66          | 48      | 7      | 47      | 9      | 32      | 3      | 18      | 4      | 24      | 11     | 28      | 6      | 27      | 106                    | 39      | 102                           | 38      |
|                      | 40 - 49              | 21          | 15      | 5      | 33      | 8      | 29      | 6      | 35      | 3      | 18      | 18     | 46      | 6      | 27      | 67                     | 24      | 67                            | 25      |
|                      | Over 49              | 6           | 4       | 2      | 13      | 5      | 18      | 3      | 18      | 4      | 24      | 5      | 13      | 2      | 9       | 27                     | 10      | 25                            | 9       |
| MODE OF TRANSMISSION | MSM                  | 44          | 32      | 6      | 40      | 10     | 36      | 4      | 24      | 6      | 35      | 15     | 38      | 12     | 55      | 97                     | 35      | 94                            | 35      |
|                      | IDU                  | 42          | 31      | 2      | 13      | 6      | 21      | 3      | 18      | 0      | 0       | 1      | 3       | 1      | 5       | 55                     | 20      | 54                            | 20      |
|                      | MSM & IDU            | 8           | 6       | 1      | 7       | 1      | 4       | 1      | 6       | 0      | 0       | 0      | 0       | 0      | 0       | 11                     | 4       | 11                            | 4       |
|                      | COAGULATION DISORDER | 1           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1                      | 0       | 1                             | 0       |
|                      | HETEROSEXUAL         | 27          | 20      | 3      | 20      | 4      | 14      | 4      | 24      | 4      | 24      | 4      | 10      | 7      | 32      | 53                     | 19      | 51                            | 19      |
|                      | TRANSFUSION          | 1           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1                      | 0       | 1                             | 0       |
| UNDETERMINED MODE    | 13                   | 9           | 3       | 20     | 7       | 25     | 4       | 24     | 7       | 41     | 18      | 46     | 2       | 9      | 54      | 20                     | 54      | 20                            |         |
|                      | PEDIATRIC            | 1           | 1       | 0      | 0       | 0      | 0       | 1      | 6       | 0      | 0       | 1      | 3       | 0      | 0       | 3                      | 1       | 3                             | 1       |
| COUNTY               | CAMERON              | 0           | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0                      | 0       | 0                             | 0       |
|                      | CLARION              | 2           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 2                      | 1       | 2                             | 1       |
|                      | CLEARFIELD           | 12          | 9       | 2      | 13      | 3      | 11      | 0      | 0       | 1      | 6       | 5      | 13      | 5      | 23      | 28                     | 10      | 27                            | 10      |
|                      | CRAWFORD             | 8           | 6       | 5      | 33      | 9      | 32      | 2      | 12      | 11     | 6       | 7      | 18      | 1      | 5       | 33                     | 12      | 32                            | 12      |
|                      | ELK                  | 1           | 1       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 1      | 3       | 0      | 0       | 2                      | 1       | 2                             | 1       |
|                      | ERIE                 | 77          | 56      | 6      | 40      | 5      | 18      | 11     | 65      | 9      | 53      | 12     | 31      | 7      | 32      | 127                    | 46      | 126                           | 47      |
|                      | FOREST               | 3           | 2       | 0      | 0       | 0      | 0       | 1      | 6       | 0      | 0       | 4      | 10      | 0      | 0       | 8                      | 3       | 8                             | 3       |
|                      | JEFFERSON            | 5           | 4       | 1      | 7       | 1      | 4       | 0      | 0       | 1      | 6       | 0      | 0       | 1      | 5       | 9                      | 3       | 9                             | 3       |
|                      | LAWRENCE             | 5           | 4       | 0      | 0       | 2      | 7       | 0      | 0       | 1      | 6       | 0      | 0       | 6      | 27      | 14                     | 5       | 13                            | 5       |
|                      | MCKEAN               | 1           | 1       | 0      | 0       | 3      | 11      | 0      | 0       | 1      | 6       | 2      | 5       | 0      | 0       | 7                      | 3       | 6                             | 2       |
|                      | MERCER               | 14          | 10      | 1      | 7       | 3      | 11      | 2      | 12      | 1      | 6       | 4      | 10      | 2      | 9       | 27                     | 10      | 27                            | 10      |
|                      | VENANGO              | 6           | 4       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 2      | 5       | 0      | 0       | 8                      | 3       | 8                             | 3       |
|                      | WARREN               | 3           | 2       | 0      | 0       | 2      | 7       | 1      | 6       | 2      | 12      | 2      | 5       | 0      | 0       | 10                     | 4       | 9                             | 3       |

Note: Percentages may not add to 100% due to 'rounding'.

Cumulative are cases diagnosed through December 31, 2007 and reported through June 30, 2008.

<sup>a</sup>Reflects year of first reported HIV diagnosis, which may not indicate first actual diagnosis for HIV infection.

\* Includes cases diagnosed prior to 2002

TABLE 19  
DIVISION OF HIV/AIDS' PUBLICLY FUNDED HIV COUNSELING AND TESTING SITES  
Number of visits\* by client's county of residence  
2002-2007

| COUNTY            | 2002          | 2003          | 2004           | 2005          | 2006          | 2007**        | TOTAL          |
|-------------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|
| Adams             | 345           | 421           | 423            | 410           | 359           | 468           | 2,426          |
| Allegheny         | 11,336        | 11,613        | 12,222         | 10,076        | 10,564        | 10,709        | 66,520         |
| Armstrong         | 73            | 48            | 47             | 66            | 57            | 69            | 360            |
| Beaver            | 730           | 1,013         | 942            | 801           | 777           | 622           | 4,885          |
| Bedford           | 99            | 44            | 40             | 52            | 66            | 45            | 346            |
| Berks             | 5,046         | 6,578         | 7,086          | 6,039         | 4,936         | 4,581         | 34,266         |
| Blair             | 408           | 447           | 477            | 450           | 417           | 530           | 2,729          |
| Bradford          | 86            | 109           | 161            | 93            | 145           | 124           | 718            |
| Bucks             | 1,426         | 1,660         | 1,854          | 1,861         | 1,870         | 1,933         | 10,604         |
| Butler            | 502           | 423           | 639            | 670           | 735           | 672           | 3,641          |
| Cambria           | 390           | 423           | 494            | 548           | 477           | 580           | 2,912          |
| Cameron           | 3             | 0             | 7              | 19            | 11            | 22            | 62             |
| Carbon            | 212           | 165           | 147            | 98            | 96            | 135           | 853            |
| Centre            | 1,034         | 1,573         | 1,535          | 1,363         | 1,327         | 1,572         | 8,404          |
| Chester           | 753           | 965           | 1,726          | 1,704         | 1,707         | 1,377         | 8,232          |
| Clarion           | 120           | 196           | 255            | 272           | 223           | 180           | 1,246          |
| Clearfield        | 195           | 181           | 197            | 279           | 252           | 179           | 1,283          |
| Clinton           | 177           | 140           | 243            | 397           | 345           | 471           | 1,773          |
| Columbia          | 347           | 423           | 664            | 619           | 499           | 566           | 3,118          |
| Crawford          | 125           | 113           | 93             | 119           | 128           | 105           | 683            |
| Cumberland        | 520           | 787           | 896            | 816           | 506           | 604           | 4,129          |
| Dauphin           | 1,899         | 2,191         | 2,459          | 2,827         | 3,060         | 3,043         | 15,479         |
| Delaware          | 2,457         | 3,272         | 3,164          | 2,710         | 2,176         | 2,587         | 16,366         |
| Elk               | 65            | 68            | 74             | 77            | 120           | 80            | 484            |
| Erie              | 1,707         | 2,259         | 2,626          | 2,446         | 2,129         | 2,300         | 13,467         |
| Fayette           | 399           | 489           | 515            | 671           | 660           | 725           | 3,459          |
| Forest            | 9             | 1             | 11             | 9             | 2             | 10            | 42             |
| Franklin          | 418           | 482           | 599            | 588           | 531           | 526           | 3,144          |
| Fulton            | 51            | 31            | 30             | 55            | 29            | 40            | 236            |
| Greene            | 30            | 65            | 66             | 37            | 54            | 18            | 270            |
| Huntingdon        | 150           | 137           | 276            | 248           | 216           | 178           | 1,205          |
| Indiana           | 429           | 503           | 564            | 557           | 554           | 434           | 3,041          |
| Jefferson         | 90            | 125           | 102            | 114           | 132           | 127           | 690            |
| Juniata           | 31            | 35            | 30             | 18            | 23            | 27            | 164            |
| Lackawanna        | 438           | 405           | 636            | 555           | 792           | 987           | 3,813          |
| Lancaster         | 2,020         | 2,320         | 2,610          | 2,253         | 2,274         | 2,591         | 14,068         |
| Lawrence          | 76            | 92            | 65             | 174           | 109           | 45            | 561            |
| Lebanon           | 415           | 413           | 519            | 436           | 253           | 410           | 2,446          |
| Lehigh            | 2,597         | 3,534         | 4,136          | 4,157         | 4,458         | 4,506         | 23,388         |
| Luizerne          | 653           | 617           | 676            | 653           | 687           | 825           | 4,111          |
| Lycoming          | 1,357         | 1,383         | 1,371          | 1,236         | 1,051         | 1,246         | 7,644          |
| McKean            | 93            | 125           | 167            | 197           | 110           | 114           | 806            |
| Mercer            | 300           | 262           | 293            | 287           | 352           | 538           | 2,032          |
| Mifflin           | 180           | 138           | 206            | 188           | 179           | 207           | 1,098          |
| Monroe            | 469           | 282           | 476            | 663           | 750           | 1,005         | 3,645          |
| Montgomery        | 1,846         | 2,041         | 2,309          | 2,212         | 2,037         | 1,996         | 12,441         |
| Montour           | 181           | 147           | 105            | 168           | 100           | 61            | 762            |
| Northampton       | 2,099         | 2,117         | 2,383          | 2,666         | 3,326         | 3,410         | 16,001         |
| Northumberland    | 752           | 733           | 659            | 295           | 300           | 308           | 3,047          |
| Perry             | 60            | 44            | 56             | 43            | 68            | 70            | 341            |
| Philadelphia      | 36,539        | 39,294        | 40,481         | 36,571        | 2,995         | 4,015         | 159,895        |
| Pike              | 156           | 138           | 109            | 189           | 200           | 157           | 949            |
| Potter            | 11            | 11            | 22             | 23            | 13            | 32            | 112            |
| Schuylkill        | 967           | 939           | 839            | 659           | 488           | 522           | 4,414          |
| Snyder            | 132           | 85            | 108            | 107           | 104           | 157           | 693            |
| Somerset          | 136           | 158           | 168            | 179           | 145           | 233           | 1,019          |
| Sullivan          | 4             | 2             | 3              | 19            | 5             | 9             | 42             |
| Susquehanna       | 37            | 38            | 29             | 34            | 29            | 43            | 210            |
| Tioga             | 161           | 108           | 155            | 153           | 87            | 147           | 811            |
| Union             | 239           | 231           | 220            | 221           | 234           | 280           | 1,425          |
| Venango           | 209           | 229           | 278            | 333           | 309           | 262           | 1,620          |
| Warren            | 111           | 136           | 185            | 178           | 159           | 112           | 881            |
| Washington        | 445           | 484           | 457            | 341           | 297           | 256           | 2,280          |
| Wayne             | 119           | 93            | 103            | 116           | 102           | 93            | 626            |
| Westmoreland      | 743           | 816           | 984            | 862           | 883           | 750           | 5,038          |
| Wyoming           | 53            | 67            | 61             | 70            | 53            | 29            | 333            |
| York              | 1,520         | 1,654         | 1,806          | 2,235         | 1,867         | 980           | 10,062         |
| Unknown++         | 527           | 415           | 621            | 1,159         | 437           | 632           | 3,791          |
| Out of State      | 1,798         | 1,051         | 1,248          | 1,522         | 1,022         | 1,384         | 8,025          |
| <b>TOTALS</b>     | <b>89,105</b> | <b>97,582</b> | <b>105,208</b> | <b>98,263</b> | <b>61,458</b> | <b>64,051</b> | <b>515,667</b> |
| <b>#POSITIVES</b> | <b>1,148</b>  | <b>1,123</b>  | <b>1,086</b>   | <b>1,217</b>  | <b>385</b>    | <b>446</b>    | <b>5,405</b>   |
| <b>PERCENTAGE</b> | <b>1.3%</b>   | <b>1.2%</b>   | <b>1.0%</b>    | <b>1.2%</b>   | <b>0.6%</b>   | <b>0.7%</b>   | <b>1.0%</b>    |

\* A visit consists of a client meeting face to face with a counselor for counseling only, or counseling and testing.

\*\* Records scanned to date of this report, February 5, 2009

NOTE: In 2007 approximately 90% of clients counseled consented to testing.

Data Provided by the Division of HIV/AIDS Prevention,  
PA Department of Health.

**TABLE 20**  
**PUBLICLY FUNDED HIV COUNSELING & TESTING IN PENNSYLVANIA**  
**NUMBER OF VISITS BY AGE, RACE/ETHNICITY AND SEX**  
**2007\***

| AGE GROUP     | WHITE NON-HISPANIC |        | BLACK NON-HISPANIC |        | HISPANIC |        | ASIAN/ PACIFIC ISLANDS |        | AM INDIAN/ ALASKAN NATIVE |        | OTHER/ UNDETERMINED |        | TOTAL  |        |
|---------------|--------------------|--------|--------------------|--------|----------|--------|------------------------|--------|---------------------------|--------|---------------------|--------|--------|--------|
|               | MALE               | FEMALE | MALE               | FEMALE | MALE     | FEMALE | MALE                   | FEMALE | MALE                      | FEMALE | MALE                | FEMALE | MALE   | FEMALE |
| < 5           | 1                  | 2      | 1                  | 2      | 2        | 3      | 0                      | 2      | 0                         | 0      | 0                   | 0      | 4      | 9      |
| 5-12          | 8                  | 9      | 11                 | 9      | 1        | 4      | 6                      | 5      | 0                         | 0      | 0                   | 0      | 26     | 27     |
| 13-19         | 2,248              | 3,271  | 1,752              | 1,521  | 690      | 683    | 31                     | 67     | 5                         | 7      | 94                  | 135    | 4,820  | 5,684  |
| 20-29         | 9,032              | 7,944  | 4,084              | 2,865  | 2,087    | 1,407  | 172                    | 213    | 12                        | 15     | 217                 | 184    | 15,604 | 12,628 |
| 30-39         | 3,302              | 2,363  | 1,916              | 1,264  | 1,293    | 877    | 143                    | 94     | 6                         | 6      | 95                  | 57     | 6,755  | 4,661  |
| 40-49         | 2,619              | 1,814  | 1,706              | 1,079  | 826      | 549    | 49                     | 47     | 5                         | 6      | 47                  | 17     | 5,252  | 3,512  |
| >= 50         | 1,534              | 679    | 949                | 405    | 304      | 213    | 34                     | 28     | 3                         | 3      | 16                  | 10     | 2,840  | 1,338  |
| Unknown       | 0                  | 1      | 0                  | 1      | 0        | 0      | 0                      | 0      | 0                         | 0      | 0                   | 0      | 0      | 2      |
| Not specified | 199                | 253    | 51                 | 60     | 36       | 15     | 0                      | 2      | 0                         | 0      | 42                  | 70     | 328    | 400    |
| TOTAL         | 18,943             | 16,336 | 10,470             | 7,206  | 5,239    | 3,751  | 435                    | 458    | 31                        | 37     | 511                 | 473    | 35,629 | 28,261 |

\* Data Provided by the Division of HIV/AIDS Prevention, PA Department of Health.

**TABLE 21**  
**PUBLICLY FUNDED HIV COUNSELING & TESTING IN PENNSYLVANIA**  
**NUMBER OF VISITS BY SELF-ACKNOWLEDGED RISK EXPOSURE GROUP**  
**2007\***

| <b>RISK EXPOSURE GROUPS</b>         | <b>NUMBER OF VISITS</b> |
|-------------------------------------|-------------------------|
| MSM Injecting Drug User             | 78                      |
| MSM                                 | 1,857                   |
| Heterosexual Injecting Drug User    | 2,047                   |
| Sex Partner at Risk**               | 2,778                   |
| Child of Woman with HIV/AIDS        | 2                       |
| STD Diagnosis                       | 2,857                   |
| Sex for Drugs or Money              | 192                     |
| Sex while Using Non-Injecting Drugs | 2,638                   |
| Hemophilia/Blood Recipient          | 75                      |
| Victim of Sexual Assault            | 187                     |
| Health Care Exposure                | 210                     |
| No Acknowledged Risk                | 944                     |
| Heterosexual/No Other Risk          | 8,799                   |
| Other                               | 294                     |
| Not Specified                       | 41,095                  |
| Total                               | 64,053                  |

**\*\*SEX PARTNER AT RISK**

|  |       |
|--|-------|
| Female Sex Partner of MSM                      | 133   |
| Sex Partner of Person with HIV/AIDS            | 204   |
| Sex Partner of Injecting Drug User             | 597   |
| Sex Partner of Person with Other HIV/AIDS Risk | 1,844 |
| Total  | 2,778 |

\* Data Provided by the Division of HIV/AIDS Prevention, PA Department of Health.

## LIMITATIONS OF HIV COUNSELING AND TESTING DATA FROM PUBLICLY SUPPORTED SITES

The counseling and testing (C/T) data in this report represent visits for counseling only/or counseling and testing offered at sites that provide C/T as part of the Pennsylvania Department of Health's HIV Prevention Program.

When reviewing these data, please consider the following limitations.

C/T data from publicly funded sites represent only a small portion of the individuals who actually receive C/T. A survey done in 1993 by the Centers for Disease Control and Prevention revealed that, nationwide, publicly funded sites provide C/T to about one third of all individuals who receive C/T. The other two thirds receive C/T in the private sector, e.g., physicians' offices, hospitals, etc.

Individuals voluntarily present for C/T at publicly funded sites and do not represent any specific population. Their demographic information and test results cannot be used to set seroprevalence levels for any specific age, sex, race, ethnic or risk group.

At publicly funded sites, individuals are asked to provide personal information and to complete a self-assessment of behaviors that place them at risk for HIV. Verification of this information is not required.

In Pennsylvania, data for 1995 show that approximately 44% of all individuals who receive C/T at publicly funded sites have previously been counseled and tested. Their personal and risk information may, therefore, be included in these data more than once.

At this time in Pennsylvania, C/T data are used to document the provision of HIV prevention services and, with other information on where at-risk populations reside, may be helpful in determining where additional HIV prevention services are needed.

This information was provided by the Division of HIV/AIDS.

For additional information on C/T data, please contact the Bureau of Communicable Diseases, Division of HIV/AIDS at 717-783-0574.