

*Epi Profile (HIV Disease) for South East Public Health Region TN 2009***Number of diagnosed HIV disease cases and rates (per 100,000 population) in South East Public Health Region - by sex and race/ethnicity - 2009**

| Race/ethnicity                                 | Male     |            |          | Female   |            |          | Total    |            |          |
|--|----------|------------|----------|----------|------------|----------|----------|------------|----------|
|  | No.      | %          | Rate     | No.      | %          | Rate     | No.      | %          | Rate     |
| Hispanic, All races                            | 0        | 0.0        | a        | 0        | 0.0        | a        | 0        | 0.0        | a        |
| American Indian/Alaska Native, Not Hispanic    | 0        | 0.0        | a        | 0        | 0.0        | a        | 0        | 0.0        | a        |
| Asian, Not Hispanic                            | 0        | 0.0        | a        | 0        | 0.0        | a        | 0        | 0.0        | a        |
| Black, Not Hispanic                            | 0        | 0.0        | a        | 0        | 0.0        | a        | 0        | 0.0        | a        |
| Native Hawaiian/Pacific Islander, Not Hispanic | 0        | 0.0        | a        | 0        | 0.0        | a        | 0        | 0.0        | a        |
| White, Not Hispanic                            | 6        | 100        | a        | 2        | 100        | a        | 8        | 100        | a        |
| Multiple Race, Not Hispanic                    | 0        | 0.0        | a        | 0        | 0.0        | a        | 0        | 0.0        | a        |
| <b>Total</b>                                   | <b>6</b> | <b>100</b> | <b>a</b> | <b>2</b> | <b>100</b> | <b>a</b> | <b>8</b> | <b>100</b> | <b>a</b> |

**Number of diagnosed HIV disease cases in South East Public Health Region - by sex and age at diagnosis - 2009**

| Age (yrs)    | Male     |            | Female   |            | Total    |            |
|--------------|----------|------------|----------|------------|----------|------------|
|              | No.      | %          | No.      | %          | No.      | %          |
| <13          | 0        | 0.0        | 0        | 0.0        | 0        | 0.0        |
| 13 to 14     | 0        | 0.0        | 0        | 0.0        | 0        | 0.0        |
| 15 to 24     | 2        | 33         | 0        | 0.0        | 2        | 25         |
| 25 to 34     | 2        | 33         | 1        | 50         | 3        | 38         |
| 35 to 44     | 1        | 17         | 1        | 50         | 2        | 25         |
| 45 to 54     | 1        | 17         | 0        | 0.0        | 1        | 13         |
| 55 to 64     | 0        | 0.0        | 0        | 0.0        | 0        | 0.0        |
| >=65         | 0        | 0.0        | 0        | 0.0        | 0        | 0.0        |
| <b>Total</b> | <b>6</b> | <b>100</b> | <b>2</b> | <b>100</b> | <b>8</b> | <b>100</b> |

**Number of diagnosed HIV disease cases in South East Public Health Region - by sex and transmission category - 2009**

| Transmission category    | Male     |            | Female   |            | Total    |            |
|--------------------------|----------|------------|----------|------------|----------|------------|
|                          | No.      | %          | No.      | %          | No.      | %          |
| Male-to-male sex         | 3        | 50         | 0        | 0.0        | 3        | 38         |
| Injection drug use (IDU) | 1        | 17         | 0        | 0.0        | 1        | 13         |
| Male-to-male sex and IDU | 0        | 0.0        | 0        | 0.0        | 0        | 0.0        |
| Heterosexual contact     | 0        | 0.0        | 1        | 50         | 1        | 13         |
| Perinatal exposure       | 0        | 0.0        | 0        | 0.0        | 0        | 0.0        |
| Other/unknown            | 2        | 33         | 1        | 50         | 3        | 38         |
| <b>Total</b>             | <b>6</b> | <b>100</b> | <b>2</b> | <b>100</b> | <b>8</b> | <b>100</b> |

**Number of diagnosed HIV disease cases in South East Public Health Region - by race/ethnicity and transmission category - 2009**

| Transmission category    | White, not Hispanic |            | Black, not Hispanic |            | Hispanic |            | Asian, not Hispanic |            | Native Hawaiian/Pacific Islander, not Hispanic |            | American Indian/Alaskan Native, not Hispanic |            | Multiple Race, not Hispanic |            | Total    |            |
|--------------------------|---------------------|------------|---------------------|------------|----------|------------|---------------------|------------|--|------------|--|------------|-----------------------------|------------|----------|------------|
|                          | No.                 | %          | No.                 | %          | No.      | %          | No.                 | %          | No.  | %          | No.  | %          | No.                         | %          | No.      | %          |
| Male-to-male sex         | 3                   | 38         | 0                   | a          | 0        | a          | 0                   | a          | 0  | a          | 0  | a          | 0                           | a          | 3        | 38         |
| Injection drug use (IDU) | 1                   | 13         | 0                   | a          | 0        | a          | 0                   | a          | 0  | a          | 0  | a          | 0                           | a          | 1        | 13         |
| Male-to-male sex and IDU | 0                   | 0.0        | 0                   | a          | 0        | a          | 0                   | a          | 0  | a          | 0  | a          | 0                           | a          | 0        | 0.0        |
| Heterosexual contact     | 1                   | 13         | 0                   | a          | 0        | a          | 0                   | a          | 0  | a          | 0  | a          | 0                           | a          | 1        | 13         |
| Perinatal exposure       | 0                   | 0.0        | 0                   | a          | 0        | a          | 0                   | a          | 0  | a          | 0  | a          | 0                           | a          | 0        | 0.0        |
| Other/unknown            | 3                   | 38         | 0                   | a          | 0        | a          | 0                   | a          | 0  | a          | 0  | a          | 0                           | a          | 3        | 38         |
| <b>Total</b>             | <b>8</b>            | <b>100</b> | <b>0</b>            | <b>100</b> | <b>0</b> | <b>100</b> | <b>0</b>            | <b>100</b> | <b>0</b>                                       | <b>100</b> | <b>0</b>                                     | <b>100</b> | <b>0</b>                    | <b>100</b> | <b>8</b> | <b>100</b> |

**Number of diagnosed HIV disease cases in South East Public Health Region - by sex and tuberculosis comorbidity - 2009**

| Tuberculosis diagnosis | Male     |            | Female   |            | Total    |            |
|------------------------|----------|------------|----------|------------|----------|------------|
|                        | No.      | %          | No.      | %          | No.      | %          |
| Not diagnosed          | 6        | 100        | 2        | 100        | 8        | 100        |
| Definitive case        | 0        | 0.0        | 0        | 0.0        | 0        | 0.0        |
| Presumptive case       | 0        | 0.0        | 0        | 0.0        | 0        | 0.0        |
| <b>Total</b>           | <b>6</b> | <b>100</b> | <b>2</b> | <b>100</b> | <b>8</b> | <b>100</b> |

**Number and rates (per 100,000 population) of deaths among persons with diagnosis of HIV in South East Public Health  
Region - by sex and race/ethnicity - 2009**

| Race/ethnicity                                 | Male     |            |          | Female   |            |          | Total    |            |          |
|--|----------|------------|----------|----------|------------|----------|----------|------------|----------|
|  | No.      | %          | Rate     | No.      | %          | Rate     | No.      | %          | Rate     |
| Hispanic, All races                            | 0        | 0.0        | a        | 0        | a          | a        | 0        | 0.0        | a        |
| American Indian/Alaska Native, Not Hispanic    | 0        | 0.0        | a        | 0        | a          | a        | 0        | 0.0        | a        |
| Asian, Not Hispanic                            | 0        | 0.0        | a        | 0        | a          | a        | 0        | 0.0        | a        |
| Black, Not Hispanic                            | 0        | 0.0        | a        | 0        | a          | a        | 0        | 0.0        | a        |
| Native Hawaiian/Pacific Islander, Not Hispanic | 0        | 0.0        | a        | 0        | a          | a        | 0        | 0.0        | a        |
| White, Not Hispanic                            | 1        | 100        | a        | 0        | a          | a        | 1        | 100        | a        |
| Multiple Race, Not Hispanic                    | 0        | 0.0        | a        | 0        | a          | a        | 0        | 0.0        | a        |
| <b>Total</b>                                   | <b>1</b> | <b>100</b> | <b>a</b> | <b>0</b> | <b>100</b> | <b>a</b> | <b>1</b> | <b>100</b> | <b>a</b> |

**Number of persons diagnosed with HIV disease in South East Public Health Region - by year of diagnosis and sex**

|            |               | <b>Cumulative cases through 2004</b> | <b>2005</b> | <b>2006</b> | <b>2007</b> | <b>2008</b> | <b>2009</b> | <b>Cumulative cases through 2009(Total)</b> |
|------------|---------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|---|
| <b>Sex</b> |               | <b>No.</b>                           | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  | <b>No.</b>                                  |
|            | <b>Female</b> | 61                                   | 5           | 3           | 0           | 3           | 2           | 74  |
|            | <b>Male</b>   | 268                                  | 15          | 6           | 10          | 9           | 6           | 314   |
|            | <b>Total</b>  | 329                                  | 20          | 9           | 10          | 12          | 8           | 388   |

**Number of persons diagnosed with HIV disease in South East Public Health Region - by year of diagnosis and race/ethnicity**

| Race/ethnicity                                 | Cumulative cases through 2004 | 2005      | 2006     | 2007      | 2008      | 2009     | Cumulative cases through 2009(Total) |
|--|-------------------------------|-----------|----------|-----------|-----------|----------|--------------------------------------|
|  | No.                           | No.       | No.      | No.       | No.       | No.      | No.                                  |
| Hispanic, All races                            | 9                             | 0         | 0        | 1         | 0         | 0        | 10                                   |
| American Indian/Alaska Native, Not Hispanic    | 0                             | 0         | 0        | 0         | 0         | 0        | 0                                    |
| Asian, Not Hispanic                            | 0                             | 0         | 0        | 0         | 0         | 0        | 0                                    |
| Black, Not Hispanic                            | 42                            | 2         | 6        | 1         | 0         | 0        | 51                                   |
| Native Hawaiian/Pacific Islander, Not Hispanic | 0                             | 0         | 0        | 0         | 0         | 0        | 0                                    |
| White, Not Hispanic                            | 278                           | 18        | 3        | 8         | 12        | 8        | 327                                  |
| Multiple Race, Not Hispanic                    | 0                             | 0         | 0        | 0         | 0         | 0        | 0                                    |
| <b>Total</b>                                   | <b>329</b>                    | <b>20</b> | <b>9</b> | <b>10</b> | <b>12</b> | <b>8</b> | <b>388</b>                           |

**Number of persons diagnosed with HIV disease in South East Public Health Region - by year of diagnosis and age at diagnosis**

| Age (yrs)    | Cumulative cases through 2004 | 2005      | 2006     | 2007      | 2008      | 2009     | Cumulative cases through 2009(Total) |
|--------------|-------------------------------|-----------|----------|-----------|-----------|----------|--------------------------------------|
|              | No.                           | No.       | No.      | No.       | No.       | No.      | No.                                  |
| <13          | 3                             | 0         | 0        | 0         | 0         | 0        | 3                                    |
| 13 to 14     | 0                             | 0         | 0        | 0         | 0         | 0        | 0                                    |
| 15 to 24     | 49                            | 3         | 1        | 1         | 3         | 2        | 59                                   |
| 25 to 34     | 136                           | 5         | 2        | 4         | 4         | 3        | 154                                  |
| 35 to 44     | 99                            | 6         | 3        | 4         | 4         | 2        | 118                                  |
| 45 to 54     | 29                            | 4         | 2        | 1         | 0         | 1        | 37                                   |
| 55 to 64     | 12                            | 1         | 1        | 0         | 0         | 0        | 14                                   |
| >=65         | 1                             | 1         | 0        | 0         | 1         | 0        | 3                                    |
| <b>Total</b> | <b>329</b>                    | <b>20</b> | <b>9</b> | <b>10</b> | <b>12</b> | <b>8</b> | <b>388</b>                           |

**Number of persons diagnosed with HIV disease in South East Public Health Region - by year of diagnosis and transmission category**

|                              | <b>Cumulative cases through 2004</b> |             |             |             |             |             | <b>Cumulative cases through 2009(Total)</b> |
|------------------------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|---|
| <b>Transmission category</b> | <b>No.</b>                           | <b>2005</b> | <b>2006</b> | <b>2007</b> | <b>2008</b> | <b>2009</b> | <b>No.</b>                                  |
| Male-to-male sex             | 192                                  | 8           | 4           | 7           | 8           | 3           | 222   |
| Injection drug use (IDU)     | 41                                   | 0           | 0           | 0           | 0           | 1           | 42  |
| Male-to-male sex and IDU     | 14                                   | 0           | 0           | 0           | 0           | 0           | 14  |
| Heterosexual contact         | 51                                   | 2           | 1           | 0           | 1           | 1           | 56  |
| Perinatal exposure           | 3                                    | 0           | 0           | 0           | 0           | 0           | 3   |
| Other/unknown                | 28                                   | 10          | 4           | 3           | 3           | 3           | 51  |
| <b>Total</b>                 | <b>329</b>                           | <b>20</b>   | <b>9</b>    | <b>10</b>   | <b>12</b>   | <b>8</b>    | <b>388</b>                                  |

**Number of persons living with diagnosis of HIV in South East Public Health Region - by year and sex**

| <b>Sex</b>    | <b>2005</b> | <b>2006</b> | <b>2007</b> | <b>2008</b> | <b>2009</b> |
|---------------|-------------|-------------|-------------|-------------|-------------|
|               | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  |
| <b>Female</b> | 49          | 51          | 50          | 52          | 54          |
| <b>Male</b>   | 183         | 186         | 195         | 202         | 207         |
| <b>Total</b>  | 232         | 237         | 245         | 254         | 261         |

**Number of persons living with diagnosis of HIV in South East Public Health Region - by year and race/ethnicity**

| <b>Race/ethnicity</b>                          | <b>2005<br/>No.</b> | <b>2006<br/>No.</b> | <b>2007<br/>No.</b> | <b>2008<br/>No.</b> | <b>2009<br/>No.</b> |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|
| Hispanic, All races                            | 6                   | 6                   | 7                   | 7                   | 7                   |
| American Indian/Alaska Native, Not Hispanic    | 0                   | 0                   | 0                   | 0                   | 0                   |
| Asian, Not Hispanic                            | 0                   | 0                   | 0                   | 0                   | 0                   |
| Black, Not Hispanic                            | 28                  | 33                  | 33                  | 33                  | 33                  |
| Native Hawaiian/Pacific Islander, Not Hispanic | 0                   | 0                   | 0                   | 0                   | 0                   |
| White, Not Hispanic                            | 198                 | 198                 | 205                 | 214                 | 221                 |
| Multiple Race, Not Hispanic                    | 0                   | 0                   | 0                   | 0                   | 0                   |
| <b>Total</b>                                   | <b>232</b>          | <b>237</b>          | <b>245</b>          | <b>254</b>          | <b>261</b>          |

**Number of persons living with diagnosis of HIV in South East Public Health Region - by year and current age**

|                          | <b>2005</b> | <b>2006</b> | <b>2007</b> | <b>2008</b> | <b>2009</b> |
|--------------------------|-------------|-------------|-------------|-------------|-------------|
| <b>Current age (yrs)</b> | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  |
| <13                      | 1           | 1           | 1           | 1           | 1           |
| 13 to 14                 | 0           | 0           | 0           | 0           | 0           |
| 15 to 24                 | 1           | 1           | 1           | 4           | 6           |
| 25 to 34                 | 18          | 21          | 25          | 28          | 31          |
| 35 to 44                 | 93          | 95          | 99          | 102         | 104         |
| 45 to 54                 | 78          | 78          | 78          | 77          | 77          |
| 55 to 64                 | 36          | 35          | 35          | 35          | 35          |
| >=65                     | 5           | 6           | 6           | 7           | 7           |
| <b>Total</b>             | <b>232</b>  | <b>237</b>  | <b>245</b>  | <b>254</b>  | <b>261</b>  |

**Number of persons living with diagnosis of HIV in South East Public Health Region - by year and transmission category**

|                                 | <b>2005</b> | <b>2006</b> | <b>2007</b> | <b>2008</b> | <b>2009</b> |
|---------------------------------|-------------|-------------|-------------|-------------|-------------|
| <b>Transmission category</b>    | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  | <b>No.</b>  |
| <b>Male-to-male sex</b>         | 131         | 133         | 139         | 146         | 148         |
| <b>Injection drug use (IDU)</b> | 26          | 26          | 25          | 25          | 26          |
| <b>Male-to-male sex and IDU</b> | 7           | 7           | 7           | 7           | 7           |
| <b>Heterosexual contact</b>     | 37          | 37          | 37          | 37          | 38          |
| <b>Perinatal exposure</b>       | 2           | 2           | 2           | 2           | 2           |
| <b>Other/unknown</b>            | 29          | 32          | 35          | 37          | 40          |
| <b>Total</b>                    | <b>232</b>  | <b>237</b>  | <b>245</b>  | <b>254</b>  | <b>261</b>  |

**Number of deaths among persons with diagnosis of HIV in South East Public Health Region - by year of death and sex**

|            |               | <b>Cumulative<br/>deaths<br/>through<br/>2004</b> |                     |                     |                     |                     |                     | <b>Cumulative<br/>deaths<br/>through<br/>2009(Total)</b> |
|------------|---------------|---|---------------------|---------------------|---------------------|---------------------|---------------------|--|
| <b>Sex</b> |               | <b>No.</b>  | <b>2005<br/>No.</b> | <b>2006<br/>No.</b> | <b>2007<br/>No.</b> | <b>2008<br/>No.</b> | <b>2009<br/>No.</b> | <b>No.</b>   |
|            | <b>Female</b> | 17  | 0                   | 1                   | 1                   | 1                   | 0                   | 20   |
|            | <b>Male</b>   | 89  | 11                  | 3                   | 1                   | 2                   | 1                   | 107  |
|            | <b>Total</b>  | 106   | 11                  | 4                   | 2                   | 3                   | 1                   | 127  |

**Number of deaths among persons with diagnosis of HIV in South East Public Health Region - by year of death and race/ethnicity**

| Race/ethnicity                                 | Cumulative deaths through 2004 | 2005      | 2006     | 2007     | 2008     | 2009     | Cumulative deaths through 2009(Total) |
|--|--------------------------------|-----------|----------|----------|----------|----------|---------------------------------------|
|  | No.                            | No.       | No.      | No.      | No.      | No.      | No.                                   |
| Hispanic, All races                            | 3                              | 0         | 0        | 0        | 0        | 0        | 3                                     |
| American Indian/Alaska Native, Not Hispanic    | 0                              | 0         | 0        | 0        | 0        | 0        | 0                                     |
| Asian, Not Hispanic                            | 0                              | 0         | 0        | 0        | 0        | 0        | 0                                     |
| Black, Not Hispanic                            | 13                             | 3         | 1        | 1        | 0        | 0        | 18                                    |
| Native Hawaiian/Pacific Islander, Not Hispanic | 0                              | 0         | 0        | 0        | 0        | 0        | 0                                     |
| White, Not Hispanic                            | 90                             | 8         | 3        | 1        | 3        | 1        | 106                                   |
| Multiple Race, Not Hispanic                    | 0                              | 0         | 0        | 0        | 0        | 0        | 0                                     |
| <b>Total</b>                                   | <b>106</b>                     | <b>11</b> | <b>4</b> | <b>2</b> | <b>3</b> | <b>1</b> | <b>127</b>                            |

**Number of deaths among persons with diagnosis of HIV in South East Public Health Region - by year of death and age at death**

| Age (yrs)    | Cumulative<br>deaths<br>through<br>2004 | 2005      | 2006     | 2007     | 2008     | 2009     | Cumulative<br>deaths<br>through<br>2009(Total) |
|--------------|---|-----------|----------|----------|----------|----------|--|
|              | No.                                     | No.       | No.      | No.      | No.      | No.      | No.  |
| <13          | 1                                       | 0         | 0        | 0        | 0        | 0        | 1  |
| 13 to 14     | 0                                       | 0         | 0        | 0        | 0        | 0        | 0  |
| 15 to 24     | 4                                       | 0         | 0        | 0        | 0        | 0        | 4  |
| 25 to 34     | 41                                      | 1         | 0        | 0        | 0        | 0        | 42   |
| 35 to 44     | 37                                      | 4         | 2        | 1        | 2        | 0        | 46   |
| 45 to 54     | 16                                      | 3         | 1        | 1        | 1        | 1        | 23   |
| 55 to 64     | 6                                       | 3         | 1        | 0        | 0        | 0        | 10   |
| >=65         | 1                                       | 0         | 0        | 0        | 0        | 0        | 1  |
| <b>Total</b> | <b>106</b>                              | <b>11</b> | <b>4</b> | <b>2</b> | <b>3</b> | <b>1</b> | <b>127</b>                                     |

**Number of deaths among persons with diagnosis of HIV in South East Public Health Region - by year of death and transmission category**

|                              | <b>Cumulative<br/>deaths<br/>through<br/>2004</b> |             |             |             |             |             | <b>Cumulative<br/>deaths<br/>through<br/>2009(Total)</b> |
|------------------------------|---|-------------|-------------|-------------|-------------|-------------|--|
| <b>Transmission category</b> | <b>No.</b>  | <b>2005</b> | <b>2006</b> | <b>2007</b> | <b>2008</b> | <b>2009</b> | <b>No.</b>   |
| Male-to-male sex             | 63  | 6           | 2           | 1           | 1           | 1           | 74   |
| Injection drug use (IDU)     | 13  | 2           | 0           | 1           | 0           | 0           | 16   |
| Male-to-male sex and IDU     | 7   | 0           | 0           | 0           | 0           | 0           | 7  |
| Heterosexual contact         | 16  | 0           | 1           | 0           | 1           | 0           | 18   |
| Perinatal exposure           | 1   | 0           | 0           | 0           | 0           | 0           | 1  |
| Other/unknown                | 6   | 3           | 1           | 0           | 1           | 0           | 11   |
| <b>Total</b>                 | <b>106</b>  | <b>11</b>   | <b>4</b>    | <b>2</b>    | <b>3</b>    | <b>1</b>    | <b>127</b>   |