

FY 2008 RYAN WHITE NEEDS ASSESSMENT: DEMOGRAPHICS AND EPIDEMIOLOGY

Prepared By



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INTRODUCTION

To gain insight into the demographics of people living with HIV/AIDS in our area, the following characteristics were reviewed: gender, race, ethnicity, county of residence, and age. This information also gave insight on the local epidemiology of people living with HIV/AIDS, for example, the mode of transmission by which a person acquired the virus and their current expanded age.

This report provides data for: (1) the Total Service Area (TSA) which includes Hardee, Hernando, Highlands, Hillsborough, Manatee, Pasco, Pinellas, and Polk counties; (2) the Eligible Metropolitan Area (EMA) which includes Hernando, Hillsborough, Pasco, and Pinellas counties; and (3) the non-EMA counties which include Hardee, Highlands, Manatee, and Polk counties.

The Demographics and Epidemiology Report is divided into eight sections. Graphs and highlights have been included to make the information more 'user-friendly.' Sections One through Three include breakdowns for the TSA, EMA, and non-EMA by race, ethnicity and gender, mode of transmission and gender, and current expanded age and gender. Section Four lists HIV and AIDS data for each county by gender, race and ethnicity. Sections Five through Seven include AIDS incidence data from January 2003 through December of 2007 for the TSA, EMA and non-EMA. Current expanded age data was used when studying prevalence while age at diagnosis was used for incidence. The tables and graphs in these sections reveal trends (increases and decreases) in the epidemic. Section Eight lists individual county zip code data to show the most affected areas.

The Health Councils, Inc. performed all calculations and prepared the tables and graphs based on raw data received from the Florida Department of Health's Bureau of HIV/AIDS. The State of Florida collects data at the county level through individual health departments with surveillance units. Information from each health department was then combined to form the surveillance data for that service area. For example, data was collected from all health departments in Hernando, Hillsborough, Pasco, and Pinellas counties and was presented as the HIV/AIDS data for the EMA. Total HIV cases include those cases reported from July 1997 through December 2007 and also include those cases that are presumed alive. An underlying problem with the reporting of HIV cases is the fact that AIDS cases have been reported for almost 20 years whereas HIV data has been reported for ten years. Also, the reporting of HIV does not include cases reported from anonymous testing sites. Data does not include numbers for "in-migration," that is, individuals who move to this area after being diagnosed. Data from areas which included one or two cases of HIV/AIDS have been suppressed and reported as "<3" so that the exact number of cases cannot be determined, thereby protecting the confidentiality of those infected. Finally, the State has made attempts to reclassify "no specified risk" transmissions to other categories so comparisons between years for mode of transmission should be made with caution.

It is important to note that since the new HIV reporting law was implemented in November 2006, which considers viral loads and CD4 lab tests to be reportable, more HIV cases are being captured than otherwise would have occurred. This exerts an “upward pressure” on the HIV case counts, which may distort the trends in reported HIV cases. The Bureau of HIV/AIDS is currently working on how best to interpret the new trends, which will take more observation and analysis. There may also be some reductions in HIV/AIDS case totals due to ongoing de-duplication processes at the state level among the various sources of data.

Also note that total percentages in the tables may not always equal 100% due to rounding. To be more accurate, total percentages were performed as a separate calculation based on the total number rather than simply adding the rounded percentages in a row or column.

I. TOTAL SERVICE AREA

A. HIV/AIDS Proportions by County

Table 1-1 shows the proportion of the TSA's people living with AIDS (PLWA) population by county. Overall, Hillsborough County has the largest proportion of PLWA in the TSA (44%) followed by Pinellas (28%) and Polk (13%). In terms of gender, males account for 73% of the TSA's PLWA population.

Whites make up 49% of the cases followed by Blacks (37%) and Hispanics (13%). The race and ethnicity columns do not include the 1% of the population that identified as "other".

Table 1-1: Proportions of the TSA's PLWA Population by County (2007)

| County | County Totals | Male | Female | White | Black | Hispanic |
|--------------|---------------|------------|------------|------------|------------|------------|
| Hardee | 1% | <1% | <1% | <1% | <1% | <1% |
| Hernando | 2% | 1% | <1% | 1% | <1% | <1% |
| Highlands | 1% | 1% | <1% | <1% | 1% | <1% |
| Hillsborough | 44% | 32% | 12% | 18% | 18% | 7% |
| Manatee | 7% | 5% | 2% | 3% | 3% | 1% |
| Pasco | 5% | 4% | 1% | 4% | <1% | 1% |
| Pinellas | 28% | 22% | 6% | 18% | 8% | 2% |
| Polk | 13% | 8% | 4% | 5% | 6% | 1% |
| TOTAL | 100% | 73% | 27% | 49% | 37% | 13% |

Table 1-2 shows the proportion of the TSA's people living with HIV (PLWH) population by county. Again, Hillsborough County accounted for the highest percentage of living HIV cases (46%) followed by Pinellas (28%) and Polk (11%).

Whites account for 44% of HIV cases followed by Blacks (41%) and Hispanics (13%). There was a 2% increase in the proportion of Hispanic PLWH between 2005 and 2006 and another 2% increase between 2006 and 2007. The race and ethnicity columns do not include the 1% of the population that identified as "other".

Table 1-2: Proportions of the TSA's PLWH Populations by County (2007)

| County | County Totals | Male | Female | White | Black | Hispanic |
|--------------|---------------|------------|------------|------------|------------|------------|
| Hardee | 1% | <1% | <1% | <1% | <1% | <1% |
| Hernando | 1% | 1% | <1% | 1% | <1% | <1% |
| Highlands | 2% | 1% | 1% | <1% | 1% | <1% |
| Hillsborough | 46% | 30% | 16% | 16% | 21% | 8% |
| Manatee | 7% | 6% | 3% | 3% | 3% | 1% |
| Pasco | 5% | 3% | 2% | 4% | 1% | 1% |
| Pinellas | 28% | 20% | 7% | 16% | 9% | 2% |
| Polk | 11% | 6% | 5% | 4% | 6% | 2% |
| TOTAL | 100% | 66% | 34% | 44% | 41% | 14% |

B. Total Living AIDS and HIV Cases

As of December 31, 2007, a total of 6,655 living AIDS cases and 4,824 living HIV cases had been reported for the TSA. The following tables represent the TSA demographic make-up.

1. Race, Ethnicity and Gender (Table 1-3)

Table 1-3: TSA HIV/AIDS Cases by Race, Ethnicity and Gender (2007)

| | TSA AIDS Cases (#) | TSA AIDS | | TSA HIV Cases (#) | TSA HIV | |
|----------------------|--------------------|------------|-------------|-------------------|------------|-------------|
| | | Cases | (%) | | Cases | (%) |
| MALES | | Total | Gender | | Total | Gender |
| White | 2752 | 41% | 56% | 1660 | 34% | 52% |
| Black | 1467 | 22% | 30% | 1032 | 21% | 32% |
| Hispanic | 595 | 9% | 12% | 430 | 9% | 14% |
| Other/Unknown | 69 | 1% | 1% | 56 | 1% | 2% |
| TOTAL | 4883 | 73% | 100% | 3178 | 66% | 100% |
| FEMALES | | | | | | |
| White | 510 | 8% | 29% | 461 | 10% | 28% |
| Black | 979 | 15% | 55% | 936 | 19% | 57% |
| Hispanic | 258 | 4% | 15% | 223 | 5% | 14% |
| Other/Unknown | 25 | <1% | 1% | 26 | 1% | 2% |
| TOTAL | 1772 | 27% | 100% | 1646 | 34% | 100% |
| TOTAL for TSA | 6655 | | | 4824 | | |

- Overall, White males accounted for the highest percentage of reported living AIDS cases (42%) followed by Black males (22%) and Black females (15%). The proportional breakdown among the living HIV cases

was: White males 34%, Black males 21%, and Black females 19%.

- Among males, Whites accounted for the highest percentage of reported living AIDS cases (56%) and living HIV cases (52%) followed by Blacks (30% and 32%, respectively) and Hispanics (12% and 14%, respectively).
- Among females, Blacks accounted for 55% of reported living AIDS cases and 57% of living HIV cases. Whites accounted for 29% of AIDS cases and 28% of HIV cases followed by Hispanics (15% and 14%, respectively).

2. Mode of Transmission and Gender (Table 1-4)

Table 1-4: TSA HIV/AIDS Cases by Mode of Transmission and Gender (2007)

| | TSA AIDS Cases (#) | TSA | AIDS | TSA HIV Cases (#) | TSA | HIV |
|--------------------------|-----------------------|------------|-------------|----------------------|------------|-------------|
| | | Cases | (%) | | Cases | (%) |
| MALES | | Total | Gender | | Total | Gender |
| MSM | 2897 | 44% | 59% | 1885 | 39% | 59% |
| IDU | 465 | 7% | 10% | 222 | 5% | 7% |
| MSM/IDU | 326 | 5% | 7% | 150 | 3% | 5% |
| Heterosexual | 699 | 11% | 14% | 427 | 9% | 13% |
| Pediatric | 5 | <1 | <1 | 0 | N/A | N/A |
| Other Identified Risk | 62 | 1% | 1% | 36 | 1% | 1% |
| Risk Not Specified | 429 | 6% | 9% | 458 | 9% | 14% |
| TOTAL | 4883 | 73% | 100% | 3178 | 66% | 100% |
| FEMALES | | | | | | |
| IDU | 340 | 5% | 19% | 232 | 5% | 14% |
| Heterosexual | 1112 | 17% | 63% | 964 | 20% | 59% |
| Pediatric | 0 | N/A | N/A | <3 | <1% | <1% |
| Other Identified Risk | 79 | 1% | 4% | 42 | 1% | 3% |
| Risk Not Specified | 241 | 4% | 14% | 407 | 8% | 25% |
| TOTAL | 1772 | 27% | 100% | 1646 | 34% | 100% |
| TOTAL for TSA | 6655 | | | 4824 | | |

- Overall, MSM (men who have sex with men) transmission accounted for the highest percentage of reported living AIDS and HIV cases (44% and 39%, respectively) followed by heterosexual transmission (27% and 29%, respectively). Intravenous drug use (IDU) ranked third for AIDS cases at 13% and risk not specified ranked third for HIV cases at 17%.

- Among males, MSM transmission accounted for the largest percentage of reported AIDS and HIV cases (59% each) followed by risk not specified for HIV (14%) and cases reported as heterosexual transmission for AIDS (14%). Intravenous drug use (IDU) ranked third for AIDS cases (10%) and heterosexual transmission ranked third for HIV (13%).
- For female AIDS and HIV cases, heterosexual transmission ranked highest (63% and 59%, respectively) followed by cases reported as IDU for AIDS (19%) and risk not specified for HIV (25%). Risk not specified ranked third for AIDS cases (14%) and IDU ranked third for HIV (14%).

3. Current Expanded Age and Gender (Table 1-5)

Table 1-5: TSA HIV/AIDS Cases by Current Expanded Age and Gender (2007)

| | TSA AIDS Cases (#) | TSA | AIDS | TSA HIV Cases (#) | TSA | HIV |
|----------------------|--------------------------|------------|-------------|-------------------------|------------|-------------|
| | | Cases | (%) | | Cases | (%) |
| MALES | | Total | Gender | | Total | Gender |
| 0-12 | 10 | <1% | <1% | 16 | <1% | 1% |
| 13-19 | 26 | <1% | 1% | 35 | 1% | 1% |
| 20-29 | 174 | 3% | 4% | 399 | 8% | 13% |
| 30-39 | 823 | 12% | 17% | 812 | 17% | 26% |
| 40-49 | 2159 | 32% | 44% | 1149 | 24% | 36% |
| 50-59 | 1279 | 19% | 26% | 560 | 12% | 18% |
| 60+ | 412 | 6% | 8% | 207 | 4% | 7% |
| TOTAL | 4883 | 73% | 100% | 3178 | 66% | 100% |
| FEMALES | | | | | | |
| 0-12 | 12 | <1% | 1% | 20 | <1% | 1% |
| 13-19 | 44 | 1% | 2% | 45 | 1% | 3% |
| 20-29 | 127 | 2% | 7% | 327 | 7% | 20% |
| 30-39 | 413 | 6% | 23% | 491 | 10% | 30% |
| 40-49 | 709 | 11% | 40% | 458 | 9% | 28% |
| 50-59 | 371 | 6% | 21% | 239 | 5% | 15% |
| 60+ | 96 | 1% | 5% | 66 | 1% | 4% |
| TOTAL | 1772 | 27% | 100% | 1646 | 34% | 100% |
| TOTAL for TSA | 6655 | | | 4824 | | |

- Overall 43% of all persons reported as living with AIDS are in the 40-49 age group, followed by 25% in the 50-59 age group. In terms of HIV cases, 33% occurred in the 40-49 age group followed by 27% in the 30-39 age group.

- For males, 44% of all reported living AIDS cases were found among the 40-49 age category followed by 50-59 year old males (26%) and then 30-39 year old males (17%). Of the male HIV cases, 36% were among the 40-49 year old category, and 26% among the 30-39 year old category.
- For females, 40% of all reported living AIDS cases were found in the 40-49 year old category followed by the 30-39 year old category (23%) and 50-59 year old category (21%). For HIV, the highest percentage was found among 30-39 year olds (30%) followed by 40-49 year olds (28%) and 20-29 year olds (20%).

II. ELIGIBLE METROPOLITAN AREA

A. Total Living AIDS and HIV Cases

Through December 31, 2007, a total of 5,219 living AIDS cases and 3,853 living HIV cases had been reported for the four counties (Hernando, Hillsborough, Pasco and Pinellas) that comprise the Eligible Metropolitan Area (EMA). The following tables represent the demographic make-up of the EMA's AIDS and HIV cases.

1. Race, Ethnicity and Gender (Table 2-1)

Table 2-1: EMA HIV/AIDS Cases by Race, Ethnicity and Gender (2007)

| | EMA AIDS Cases (#) | EMA AIDS Cases (%) | | EMA HIV Cases (#) | EMA HIV Cases (%) | |
|----------------------|--------------------|--------------------|-------------|-------------------|-------------------|-------------|
| | | Total | Gender | | Total | Gender |
| MALES | | | | | | |
| White | 2312 | 44% | 59% | 1446 | 38% | 55% |
| Black | 1095 | 21% | 28% | 805 | 21% | 31% |
| Hispanic | 461 | 9% | 12% | 326 | 8% | 12% |
| Other/Unknown | 58 | 1% | 1% | 52 | 1% | 2% |
| TOTAL | 3926 | 75% | 100% | 2629 | 68% | 100% |
| FEMALES | | | | | | |
| White | 384 | 7% | 30% | 337 | 9% | 28% |
| Black | 693 | 13% | 54% | 687 | 18% | 56% |
| Hispanic | 200 | 4% | 15% | 179 | 5% | 15% |
| Other/Unknown | 16 | <1% | 1% | 21 | 1% | 2% |
| TOTAL | 1293 | 25% | 100% | 1224 | 32% | 100% |
| TOTAL for EMA | 5219 | | | 3853 | | |

- Overall, among AIDS and HIV cases, White males ranked highest (44% and 38%, respectively) followed by Black males (21% each) and Black females (13% and 18%, respectively).

- Among males, Whites accounted for the highest percentage of reported living AIDS cases (59%) and living HIV cases (55%). Blacks ranked second (28% and 31%, respectively) followed by Hispanics (12% each).
- Among females, Blacks accounted for 54% of reported living AIDS cases and 56% of living HIV cases. Whites accounted for 30% of reported living AIDS cases and 28% of living HIV cases followed by Hispanics (15% each).

2. Mode of Transmission and Gender (Table 2-2)

Table 2-2: EMA HIV/AIDS Cases by Mode of Transmission and Gender (2007)

| | EMA AIDS Cases (#) | EMA | AIDS | EMA HIV Cases (#) | EMA | HIV |
|--------------------------|--------------------------|------------|-------------|-------------------------|------------|-------------|
| | | Cases | (%) | | Cases | (%) |
| MALES | | Total | Gender | | Total | Gender |
| MSM | 2495 | 48% | 64% | 1647 | 43% | 63% |
| IDU | 371 | 7% | 9% | 176 | 5% | 7% |
| MSM/IDU | 270 | 5% | 7% | 134 | 3% | 5% |
| Heterosexual | 455 | 9% | 12% | 311 | 8% | 12% |
| Pediatric | 4 | <1% | <1% | 0 | N/A | N/A |
| Other Identified Risk | 52 | 1% | 1% | 30 | 1% | 1% |
| Risk Not Specified | 279 | 5% | 7% | 331 | 9% | 13% |
| TOTAL | 3926 | 75% | 100% | 2629 | 68% | 100% |
| FEMALES | | | | | | |
| IDU | 252 | 5% | 19% | 175 | 5% | 14% |
| Heterosexual | 819 | 16% | 63% | 716 | 19% | 58% |
| Pediatric | 0 | N/A | N/A | <3 | <1% | <1% |
| Other Identified Risk | 53 | 1% | 4% | 30 | 1% | 2% |
| Risk Not Specified | 169 | 3% | 13% | 302 | 8% | 25% |
| TOTAL | 1293 | 25% | 100% | 1224 | 32% | 100% |
| TOTAL for EMA | 5219 | | | 3853 | | |

- Overall, MSM transmission cases accounted for the highest percentage of reported living AIDS and HIV cases (48% and 43%, respectively) followed by heterosexual transmission (24% and 27%, respectively). Intravenous drug use (IDU) ranked third for AIDS cases (12%) and risk not specified ranked third for HIV cases (16%).
- In terms of male AIDS and HIV cases, MSM transmission accounted for the highest total percentage of AIDS and HIV cases (64% and 63%, respectively). Heterosexual transmission ranked second for AIDS (12%) and risk not specified was second for HIV cases with (13%). IDU transmission

ranked third for AIDS cases (9%) and heterosexual transmission third for HIV cases (12%).

- For female AIDS and HIV cases, heterosexual transmission ranked highest (63% and 58%, respectively) followed by cases reported as IDU for AIDS (19%) and risk not specified for HIV (25%). Risk not specified ranked third for AIDS cases (13%) and IDU ranked third for HIV (14%).

3. Current Expanded Age and Gender (Table 2-3)

Table 2-3: EMA HIV/AIDS Cases by Current Expanded Age and Gender (2007)

| | EMA AIDS Cases (#) | EMA AIDS | | EMA HIV Cases (#) | EMA HIV | |
|----------------------|--------------------------|------------|-------------|-------------------------|------------|-------------|
| | | Cases | (%) | | Cases | (%) |
| MALES | | Total | Gender | | Total | Gender |
| 0-12 | 8 | <1% | <1% | 14 | <1% | 1% |
| 13-19 | 23 | <1% | 1% | 30 | 1% | 1% |
| 20-29 | 132 | 3% | 3% | 327 | 8% | 12% |
| 30-39 | 661 | 13% | 17% | 673 | 17% | 26% |
| 40-49 | 1772 | 34% | 45% | 975 | 25% | 37% |
| 50-59 | 1012 | 19% | 26% | 453 | 12% | 17% |
| 60+ | 318 | 6% | 8% | 157 | 4% | 6% |
| TOTAL | 3926 | 75% | 100% | 2629 | 68% | 100% |
| FEMALES | | | | | | |
| 0-12 | 8 | <1% | 1% | 14 | <1% | 1% |
| 13-19 | 28 | 1% | 2% | 35 | 1% | 3% |
| 20-29 | 92 | 2% | 7% | 234 | 6% | 19% |
| 30-39 | 297 | 6% | 23% | 352 | 9% | 29% |
| 40-49 | 522 | 10% | 40% | 359 | 9% | 29% |
| 50-59 | 278 | 5% | 22% | 185 | 5% | 15% |
| 60+ | 68 | 1% | 5% | 45 | 1% | 4% |
| TOTAL | 1293 | 25% | 100% | 1224 | 32% | 100% |
| TOTAL for EMA | 5219 | | | 3853 | | |

- In the EMA, AIDS cases among 40-49 year olds represented 44% of the total PLWA population. For HIV, the highest percentage of cases was also found among the 40-49 year olds (35%).
- For males, 45% of all reported living AIDS cases were found among the 40-49 age category followed by 50-59 year old males (26%) and then 30-39 year old males (17%). Of the male HIV cases, 25% were among the 40-49 year old category, 17% among the 30-39 year old category and 12% among the 50-59 year old category.

- For females, 40% of all reported living AIDS cases were found in the 40-49 year old category followed by the 30-39 year old category (23%) and 50-59 year old category (22%). For HIV, the highest percentage was found equally among 30-39 year olds and 40-49 year olds (29% each) followed by 20-29 year olds (19%) and 50-59 year olds (15%).

III. NON-ELIGIBLE METROPOLITAN AREA

A. Total Living AIDS and HIV Cases

Through December 31, 2007, a total of 1,436 living AIDS cases and 971 living HIV cases had been reported for the non-EMA counties (Hardee, Highlands, Manatee and Polk). The following tables represent the demographic make-up of the non-EMA AIDS and HIV cases.

1. Race, Ethnicity and Gender (Table 3-1)

Table 3-1: Non-EMA HIV/AIDS Cases by Race, Ethnicity and Gender (2007)

| | Non-EMA AIDS Cases (#) | Non-EMA AIDS | | Non-EMA HIV Cases (#) | NON- EMA HIV | |
|--------------------------|------------------------------|-----------------|-------------|-----------------------------|--------------------|-------------|
| | | Cases | (%) | | Cases | (%) |
| MALES | | Total | Gender | | Total | Gender |
| White | 440 | 31% | 46% | 214 | 22% | 39% |
| Black | 372 | 26% | 39% | 227 | 23% | 41% |
| Hispanic | 134 | 9% | 14% | 104 | 11% | 19% |
| Other/Unknown | 11 | 1% | 1% | 4 | <1% | 1% |
| TOTAL | 957 | 67% | 100% | 549 | 57% | 100% |
| FEMALES | | | | | | |
| White | 126 | 9% | 26% | 124 | 13% | 29% |
| Black | 286 | 20% | 60% | 249 | 26% | 59% |
| Hispanic | 58 | 4% | 12% | 44 | 5% | 10% |
| Other/Unknown | 9 | 1% | 2% | 5 | 1% | 1% |
| TOTAL | 479 | 33% | 100% | 422 | 43% | 100% |
| TOTAL for Non-EMA | 1436 | | | 971 | | |

- Overall, in terms of living AIDS cases, White males ranked highest (31%) followed by Black males (26%) and Black females (20%). In terms of HIV cases, Black females ranked highest (26%) followed by Black males (23%) and White males (22%).
- Among males, Whites accounted for the highest percentage of reported living AIDS cases (46%) followed by Blacks (39%) and Hispanics (14%). Among living HIV cases, Blacks ranked first (41%) followed by Whites

(39%) and Hispanics (19%).

- Among females, Blacks accounted for the highest percentage of reported living AIDS cases (60%) and living HIV cases (59%). Whites ranked second (26% and 29%, respectively) followed by Hispanics (12% and 10%, respectively).
- Among AIDS cases, males accounted for 67% of the total compared to females (33%). The gender difference was smaller in HIV cases where males accounted for 57% and females accounted for 43%.

2. Mode of Transmission and Gender (Table 3-2)

Table 3-2: Non-EMA HIV/AIDS Cases by Mode of Transmission and Gender (2007)

| | Non-EMA AIDS Cases (#) | Non-EMA AIDS | | Non-EMA HIV Cases (#) | Non-EMA HIV | |
|--------------------------|------------------------------|-----------------|-------------|-----------------------------|----------------|-------------|
| | | Cases | (%) | | Cases | (%) |
| MALES | | Total | Gender | | Total | Gender |
| MSM | 402 | 28% | 42% | 238 | 25% | 43% |
| IDU | 94 | 7% | 10% | 46 | 5% | 8% |
| MSM/IDU | 56 | 4% | 6% | 16 | 2% | 3% |
| Heterosexual | 244 | 17% | 25% | 116 | 12% | 21% |
| Other Identified Risk | 10 | 1% | 1% | 6 | 1% | 1% |
| Risk Not Specified | 150 | 10% | 16% | 127 | 13% | 23% |
| TOTAL | 957 | 67% | 100% | 549 | 57% | 100% |
| FEMALES | | | | | | |
| IDU | 88 | 6% | 18% | 57 | 6% | 14% |
| Heterosexual | 293 | 20% | 61% | 248 | 26% | 59% |
| Other Identified Risk | 26 | 2% | 5% | 12 | 1% | 3% |
| Risk Not Specified | 72 | 5% | 15% | 105 | 11% | 25% |
| TOTAL | 479 | 33% | 100% | 422 | 43% | 100% |
| TOTAL for Non-EMA | 1436 | | | 971 | | |

- Overall, 37% of all AIDS cases were reported as heterosexual transmission, followed by 28% reported as MSM transmission, and 15% as risk not specified. IDU transmission ranked next at 13%. Of the HIV cases, 43% were reported as MSM transmission followed by heterosexual transmission (38%) and risk not specified (24%). Similar to the AIDS cases, IDU transmission ranked next at 11% of all living HIV cases.
- Among male AIDS cases MSM transmission accounted for the highest proportion with 42% of the cases followed by 25% reported as heterosexual transmission and 16% as risk not specified. Of the HIV cases, 43% were

reported as MSM transmission followed by 23% risk not specified and 21% as heterosexual transmission. IDU transmission accounted for 10% and 8% of the AIDS and HIV living cases, respectively.

- Among female AIDS and HIV cases, heterosexual transmission ranked highest (61% and 59%, respectively). IDU transmission ranked second for AIDS cases followed by those reported as risk not specified (15%). For HIV cases, risk not specified ranked second (25%) followed by IDU transmission (14%).

3. Current Expanded Age and Gender (Table 3-3)

Table 3-3: Non-EMA HIV/AIDS Cases by Current Expanded Age and Gender (2007)

| | Non-EMA AIDS Cases (#) | Non-EMA AIDS Cases | AIDS (%) | Non-EMA HIV Cases (#) | Non-EMA HIV Cases | HIV (%) |
|--------------------------|------------------------------|--------------------------|-------------|-----------------------------|-------------------------|-------------|
| | | Total | Gender | | Total | Gender |
| MALES | | | | | | |
| 0-12 | <3 | <1% | <1% | 2 | <1% | <1% |
| 13-19 | 3 | <1% | <1% | 5 | 1% | 1% |
| 20-29 | 42 | 3% | 4% | 72 | 7% | 13% |
| 30-39 | 162 | 11% | 17% | 139 | 14% | 25% |
| 40-49 | 387 | 27% | 40% | 174 | 18% | 32% |
| 50-59 | 267 | 19% | 28% | 107 | 11% | 19% |
| 60+ | 94 | 7% | 10% | 50 | 5% | 9% |
| TOTAL | 957 | 67% | 100% | 549 | 57% | 100% |
| FEMALES | | | | | | |
| 0-12 | 4 | <1% | 1% | 6 | 1% | 1% |
| 13-19 | 16 | 1% | 3% | 10 | 1% | 2% |
| 20-29 | 35 | 2% | 7% | 93 | 10% | 22% |
| 30-39 | 116 | 8% | 24% | 139 | 14% | 33% |
| 40-49 | 187 | 13% | 39% | 99 | 10% | 23% |
| 50-59 | 93 | 6% | 19% | 54 | 6% | 13% |
| 60+ | 28 | 2% | 6% | 21 | 2% | 5% |
| TOTAL | 479 | 33% | 100% | 422 | 43% | 100% |
| TOTAL for Non-EMA | 1436 | | | 971 | | |

- Overall, AIDS diagnoses occurred most frequently among 40-49 year olds (40%) followed by 50-59 year olds (25%) and 30-39 year olds (19%).
- Overall, 29% of the HIV cases were in the 30-39 age group followed by 28% in the 40-49 age group and 17% each among 50-59 year olds and 20-29 year olds.

- For male AIDS cases, 40% of AIDS occurred among 40-49 year olds, followed by 50-59 year olds (28%) and 30-39 year olds (17%). In terms of HIV male cases, 32% occurred among 40-49 year olds, followed by the 30-39 year old age group (25%), the 50-59 year old age group (19%) and 20-29 year olds at 13%.
- For females, 39% of AIDS cases occurred among 40-49 year olds, followed by 30-39 year olds (24%) and 50-59 year olds (19%). For HIV cases, 33% occurred among 30-39 year olds followed by 40-49 year olds (23%) and 20-29 year olds at 22%.

IV. COUNTIES

A. Total Living AIDS and HIV Cases by Area

The TSA had a total of 11,479 reported cases of individuals living with HIV/AIDS. The EMA had a total of 9,072 reported living with HIV/AIDS cases while non-EMA counties reported a total of 2,407 living HIV/AIDS cases. Table 4-1 lists the total reported living HIV, AIDS and HIV/AIDS cases for the EMA counties by gender, race and ethnicity and Table 4-2 lists the same data for non-EMA counties.

Hillsborough County accounted for most of the HIV/AIDS cases in the Total Service Area (45%) followed by Pinellas County (28%). Males account for 70% of HIV/AIDS cases in the TSA. In terms of HIV/AIDS and race/ethnicity in the TSA, Whites account for 47% followed by Blacks (38%) and Hispanics (13%).

Table 4-1: EMA Counties – Total Reported Living HIV and AIDS Cases (2007)

| | Hernando | | | Hillsborough | | | Pasco | | | Pinellas | | |
|---------------|----------|------|----------|--------------|------|----------|-------|------|----------|----------|------|----------|
| | HIV | AIDS | HIV/AIDS | HIV | AIDS | HIV/AIDS | HIV | AIDS | HIV/AIDS | HIV | AIDS | HIV/AIDS |
| GENDER | | | | | | | | | | | | |
| Male | 49 | 76 | 125 | 1458 | 2135 | 3593 | 154 | 253 | 407 | 968 | 1462 | 2430 |
| Female | 21 | 24 | 45 | 757 | 799 | 1556 | 85 | 89 | 174 | 361 | 381 | 742 |
| TOTAL | 70 | 100 | 170 | 2215 | 2934 | 5149 | 239 | 342 | 581 | 1329 | 1843 | 3172 |
| % TSA | | | 2% | | | 45% | | | 5% | | | 28% |
| | | | | | | | | | | | | |
| RACE | | | | | | | | | | | | |
| White | 47 | 69 | 116 | 794 | 1197 | 1991 | 177 | 263 | 440 | 765 | 1167 | 1932 |
| Black | 10 | 13 | 23 | 1009 | 1210 | 2219 | 31 | 32 | 63 | 442 | 533 | 975 |
| Hispanic | 12 | 17 | 29 | 380 | 488 | 868 | 25 | 38 | 63 | 88 | 118 | 206 |
| Other | <3 | <3 | <3 | 32 | 39 | 71 | 6 | 9 | 15 | 34 | 25 | 59 |
| TOTAL | 70 | 100 | 170 | 2215 | 2934 | 5149 | 239 | 342 | 581 | 1329 | 1843 | 3172 |
| % TSA | | | 2% | | | 45% | | | 5% | | | 28% |

Among the EMA counties, Hillsborough County accounted for the largest percentage of HIV/AIDS cases (57%) followed by Pinellas County (35%), Pasco County (6%) and Hernando County (2%). Males accounted for 72% of all HIV/AIDS cases in the EMA. In terms of HIV/AIDS and race/ethnicity, Whites accounted for 49% of all cases followed by Blacks (36%), Hispanics (13%) and other races (2%).

Table 4-2: Non-EMA Counties – Total Reported Living HIV and AIDS Cases (2007)

| | Hardee | | | Highlands | | | Manatee | | | Polk | | |
|-----------------|--------|------|----------|-----------|------|----------|---------|------|----------|------|------|----------|
| | HIV | AIDS | HIV/AIDS | HIV | AIDS | HIV/AIDS | HIV | AIDS | HIV/AIDS | HIV | AIDS | HIV/AIDS |
| GENDER | | | | | | | | | | | | |
| Male | 14 | 25 | 39 | 41 | 54 | 95 | 193 | 329 | 522 | 301 | 549 | 850 |
| Female | 13 | 14 | 27 | 33 | 30 | 63 | 130 | 147 | 277 | 246 | 288 | 534 |
| TOTAL | 27 | 39 | 66 | 74 | 84 | 158 | 323 | 476 | 799 | 547 | 837 | 1384 |
| % TSA | | | 1% | | | 1% | | | 7% | | | 12% |
| | | | | | | | | | | | | |
| RACE | | | | | | | | | | | | |
| White | 6 | 7 | 13 | 19 | 23 | 42 | 124 | 193 | 317 | 189 | 343 | 532 |
| Black | 12 | 16 | 28 | 41 | 38 | 79 | 148 | 203 | 351 | 275 | 401 | 676 |
| Hispanic | 9 | 14 | 23 | 13 | 23 | 36 | 48 | 73 | 121 | 78 | 82 | 160 |
| Other | 0 | <3 | <3 | <3 | 0 | <3 | 3 | 7 | 10 | 5 | 11 | 16 |
| TOTAL | 27 | 39 | 66 | 74 | 84 | 158 | 323 | 476 | 799 | 547 | 837 | 1384 |
| % TSA | | | 1% | | | 1% | | | 7% | | | 12% |

Of the non-EMA counties, Polk County accounted for the largest percentage of HIV/AIDS cases (57%) followed by Manatee County (33%), Highlands County (7%) and Hardee County (3%). Males accounted for 63% of all HIV/AIDS cases in the non-EMA counties. In terms of HIV/AIDS and race/ethnicity, Blacks accounted for 47% of all cases followed by Whites (38%), Hispanics (14%) and other races (1%).

V. TOTAL SERVICE AREA

A. AIDS Incidence, 2003-2007

The AIDS incidence for the TSA is presented below from January 2003 through December 2007. Incidence refers to the number of newly diagnosed AIDS cases reported each year. The value of incidence data is its capacity to report demographic and epidemiological trends in the TSA over time. Incidence data in the TSA remains fairly consistent from year to year and over the five year trend. Data in this section includes tables, graphs and highlights.

Caution should be used in comparing the percentages of a particular category

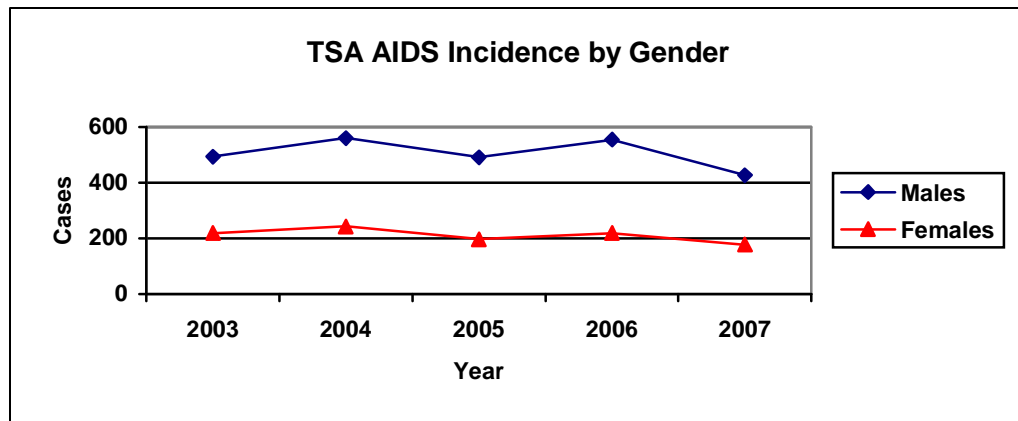
across years since the percentages show how each category of a particular characteristic compares to the other categories for that same year. For example, Table 5-2 indicates that there were 310 new Black AIDS cases in 2006 representing 40% of the new cases in 2006. For 2007, there were fewer new Black AIDS cases (n= 250), but the percentage was higher at 41% because the percentage is compared to the other races/ethnicities for 2007.

1. Gender (Table 5-1 and Graph 5-1)

- Males accounted for an average of 71% of all AIDS cases from January 2003 through December 2007.
- Females accounted for an average of 29% of all AIDS cases between 2003 and 2007.

Table 5-1 and Graph 5-1: TSA AIDS Incidence by Gender

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|----------------|------|------|------|------|------|
| Males | 493 | 560 | 491 | 554 | 427 |
| | 69% | 70% | 71% | 72% | 71% |
| Females | 218 | 243 | 197 | 218 | 177 |
| | 31% | 30% | 29% | 28% | 29% |
| TOTAL | 711 | 803 | 688 | 772 | 604 |
| | 100% | 100% | 100% | 100% | 100% |

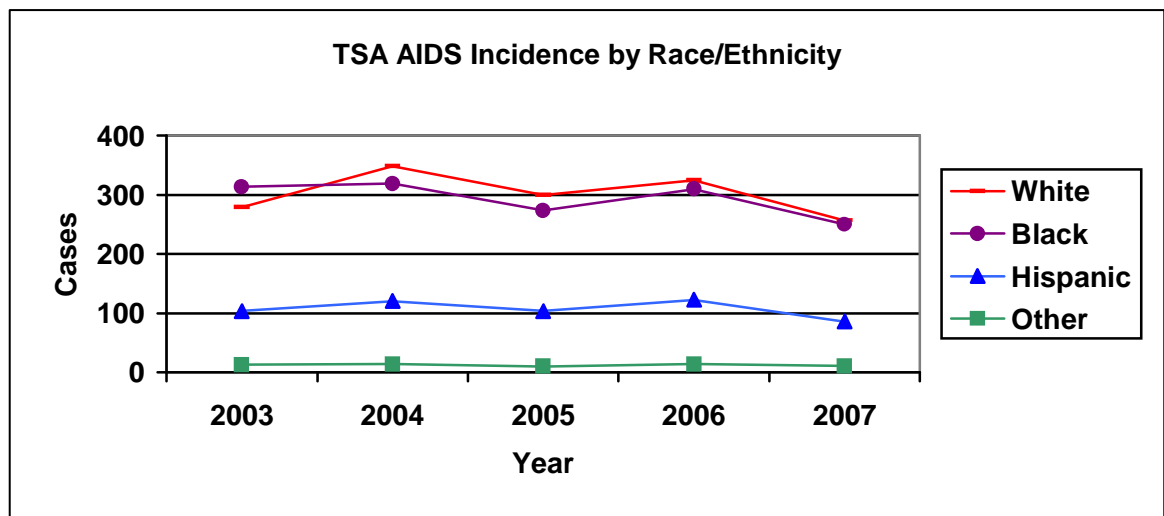


2. Race and Ethnicity (Table 5-2 and Graph 5-2)

- Between 2003 and 2007, Whites account for an average of 42% of all AIDS cases followed by Blacks (41%) and Hispanics (15%).
- The AIDS incidence has decreased among all racial groups between 2006 and 2007.

Table 5-2 and Graph 5-2: TSA AIDS Incidence by Race and Ethnicity

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|-----------------|------|------|------|------|------|
| White | 280 | 349 | 300 | 325 | 257 |
| | 39% | 43% | 44% | 42% | 43% |
| Black | 314 | 319 | 274 | 310 | 250 |
| | 44% | 40% | 40% | 40% | 41% |
| Hispanic | 104 | 121 | 104 | 123 | 86 |
| | 15% | 15% | 15% | 16% | 14% |
| Other | 13 | 14 | 10 | 14 | 11 |
| | 2% | 2% | 1% | 2% | 2% |
| TOTAL | 711 | 803 | 688 | 772 | 604 |
| | 100% | 100% | 100% | 100% | 100% |

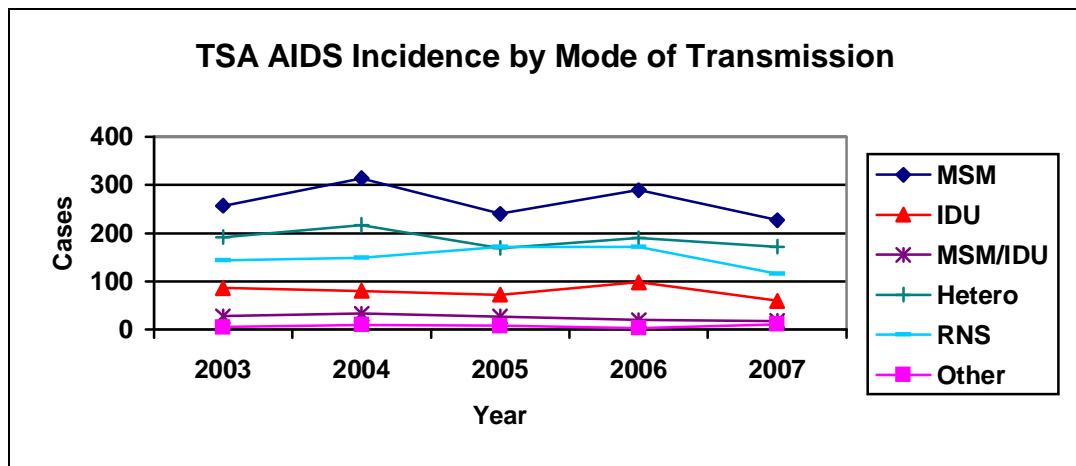


3. Mode of Transmission (Table 5-3 and Graph 5-3)

- MSM transmission accounted for an average of 37% of all AIDS cases from 2003-2007 followed by heterosexual transmission (26%) and risk not specified (21%).

Table 5-3 and Graph 5-3: TSA AIDS Incidence by Mode of Transmission

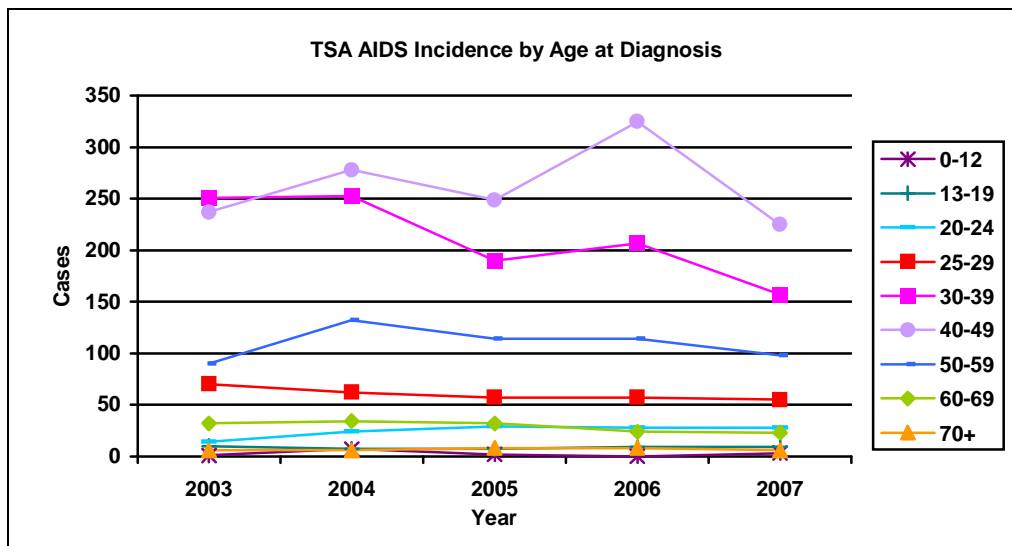
| | 2003 | 2004 | 2005 | 2006 | 2007 |
|---------------------------|------|------|------|------|------|
| MSM | 257 | 314 | 240 | 289 | 227 |
| | 36% | 39% | 35% | 37% | 38% |
| IDU | 86 | 80 | 72 | 98 | 60 |
| | 12% | 10% | 10% | 13% | 10% |
| IDU/MSM | 28 | 33 | 27 | 20 | 18 |
| | 4% | 4% | 4% | 3% | 3% |
| Heterosexual | 192 | 217 | 169 | 190 | 172 |
| | 27% | 27% | 25% | 25% | 28% |
| Risk Not Specified | 143 | 149 | 172 | 172 | 116 |
| | 20% | 19% | 25% | 22% | 19% |
| Other Risk | 5 | 10 | 8 | 3 | 11 |
| | 1% | 1% | 1% | <1% | 2% |
| TOTAL | 711 | 803 | 688 | 772 | 604 |
| | 100% | 100% | 100% | 100% | 100% |



3. Age at Diagnosis (Table 5-4 and Graph 5-4)

Table 5-4 and Graph 5-4: TSA AIDS Incidence by Age at Diagnosis

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|--------------|------|------|------|------|------|
| 0-12 | <3 | 7 | <3 | <3 | 3 |
| | <1% | 1% | <1% | <1% | <1% |
| 13-19 | 10 | 7 | 7 | 9 | 9 |
| | 1% | 1% | 1% | 1% | 1% |
| 20-24 | 14 | 24 | 29 | 28 | 28 |
| | 2% | 3% | 4% | 4% | 5% |
| 25-29 | 70 | 62 | 57 | 57 | 55 |
| | 10% | 8% | 8% | 7% | 9% |
| 30-39 | 251 | 253 | 190 | 207 | 157 |
| | 35% | 32% | 28% | 27% | 26% |
| 40-49 | 237 | 278 | 249 | 325 | 225 |
| | 33% | 35% | 36% | 42% | 37% |
| 50-59 | 90 | 132 | 114 | 114 | 98 |
| | 13% | 15% | 17% | 15% | 16% |
| 60-69 | 32 | 34 | 32 | 24 | 23 |
| | 5% | 4% | 5% | 3% | 4% |
| 70+ | 6 | 6 | 8 | 8 | 6 |
| | 1% | 1% | 1% | 1% | 1% |
| TOTAL | 711 | 803 | 688 | 772 | 604 |
| | 100% | 100% | 100% | 100% | 100% |



- On average, over the five-year period, AIDS in the TSA occurred most frequently in the 40-49 year old category (37%) followed by the 30-39 year olds (30%) and the 50-59 year olds (15%).

Table 5-5 is a summary presentation of the demographic characteristics of the AIDS incidence and prevalence cases as well as the HIV prevalence in the TSA. Note that all totals may not equal 100% due to rounding.

Table 5-5: TSA AIDS Incidence, AIDS Prevalence, and HIV Prevalence by Gender, Race and Ethnicity, Exposure Category and Age

| Demographic Group/ Exposure Category | AIDS Incidence 1/1/2003-12/31/07 | | AIDS Prevalence As of 12/31/07 | | HIV Prevalence As of 12/31/07 | |
|---|-------------------------------------|------------|-----------------------------------|------------|----------------------------------|------------|
| | # of cases | % of Total | # of Cases | % of Total | # of Cases | % of Total |
| Gender | | | | | | |
| Male | 2525 | 71% | 4883 | 73% | 3178 | 66% |
| Female | 1053 | 29% | 1772 | 27% | 1646 | 34% |
| TOTAL | 3578 | 100% | 6655 | 100% | 4824 | 100% |
| Race/Ethnicity | | | | | | |
| White | 1511 | 42% | 3262 | 49% | 2121 | 44% |
| Black | 1467 | 41% | 2446 | 37% | 1968 | 41% |
| Hispanic | 538 | 15% | 853 | 13% | 653 | 14% |
| Other/Unknown | 62 | 2% | 94 | 1% | 82 | 2% |
| TOTAL | 3578 | 100% | 6655 | 100% | 4824 | 100% |
| Exposure Category | | | | | | |
| MSM | 1327 | 37% | 2897 | 44% | 1885 | 39% |
| IDU | 396 | 11% | 805 | 12% | 454 | 9% |
| MSM/IDU | 126 | 4% | 326 | 5% | 150 | 3% |
| Heterosexual | 940 | 26% | 1811 | 27% | 1391 | 29% |
| Pediatric | 0 | 0% | 5 | <1% | <3 | <1% |
| Risk Not Specified | 752 | 21% | 670 | 10% | 865 | 18% |
| Other Identified Risk | 37 | 1% | 141 | 2% | 78 | 2% |
| TOTAL | 3578 | 100% | 6655 | 99% | 4824 | 100% |
| Age | | | | | | |
| <12 years | 13 | <1% | 22 | <1% | 36 | 1% |
| 13-19 years | 42 | 1% | 70 | 1% | 80 | 2% |
| 20-24 years | 123 | 3% | 83 | 1% | 247 | 5% |
| 25-29 years | 301 | 8% | 218 | 3% | 479 | 10% |
| 30-39 years | 1058 | 30% | 1236 | 19% | 1303 | 27% |
| 40-49 years | 1314 | 37% | 2868 | 43% | 1607 | 33% |
| 50-59 years | 548 | 15% | 1650 | 25% | 799 | 17% |
| 60+ years | 179 | 5% | 508 | 8% | 273 | 6% |
| TOTAL | 3578 | 100% | 6655 | 100% | 4824 | 100% |

HIV Prevalence is defined as the estimated number of people living with HIV, not AIDS, as of the date specified.

AIDS Prevalence is defined as the number of people with AIDS as of the date specified

AIDS Incidence is defined as the number of new AIDS cases reported to the CDC for the period specified.

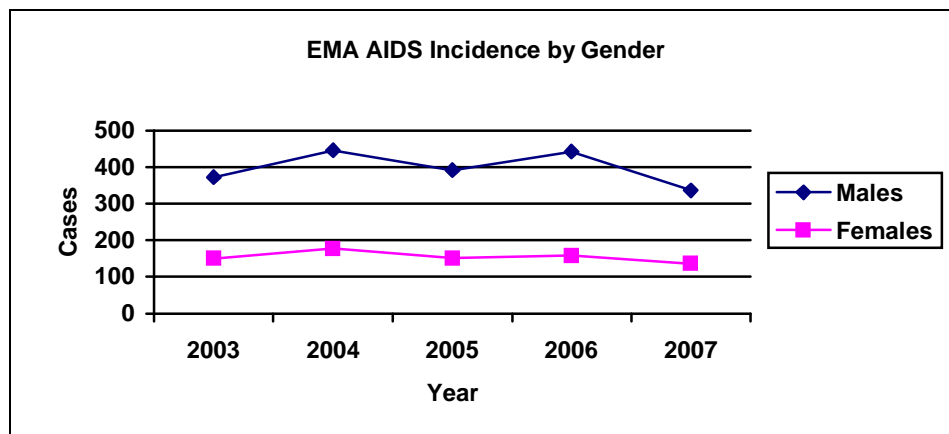
VI. ELIGIBLE METROPOLITAN AREA

A. AIDS Incidence, 2003-2007

1. Gender (Table 6-1 and Graph 6-1)

Table 6-1 and Graph 6-1: EMA AIDS Incidence by Gender

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|----------------|------|------|------|------|------|
| Males | 373 | 446 | 392 | 442 | 337 |
| | 71% | 72% | 72% | 74% | 71% |
| Females | 150 | 177 | 151 | 158 | 136 |
| | 29% | 28% | 28% | 26% | 29% |
| TOTAL | 523 | 623 | 543 | 600 | 473 |
| | 100% | 100% | 100% | 100% | 100% |

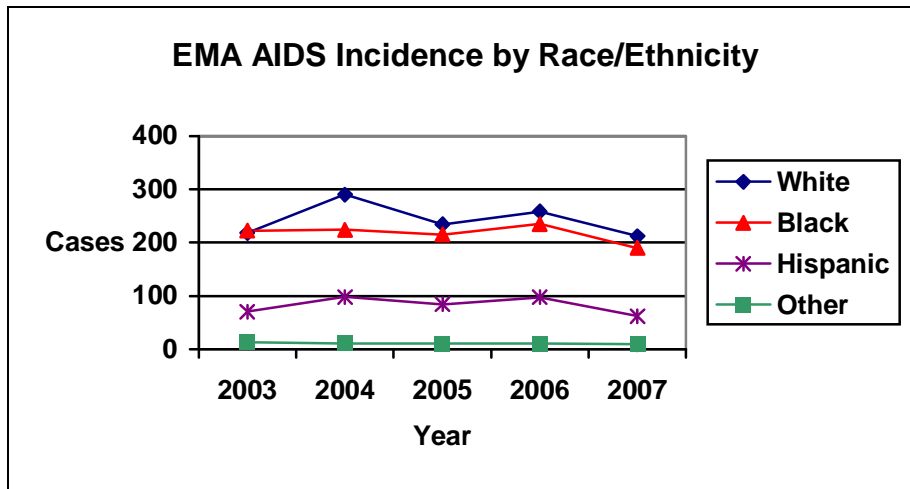


- Males accounted for an average of 72% of all AIDS cases from 2003 through 2007. Females accounted for an average of 28% of all AIDS cases from 2003 through 2007.

2. Race and Ethnicity (Table 6-2 and Graph 6-2)

Table 6-2 and Graph 6-2: EMA AIDS Incidence by Race and Ethnicity

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|-----------------|------------|------------|------------|------------|------------|
| White | 218 | 290 | 234 | 258 | 212 |
| | 42% | 47% | 43% | 43% | 45% |
| Black | 222 | 224 | 215 | 235 | 190 |
| | 42% | 36% | 40% | 39% | 40% |
| Hispanic | 70 | 98 | 84 | 97 | 62 |
| | 14% | 15% | 15% | 16% | 13% |
| Other | 13 | 11 | 10 | 10 | 9 |
| | 2% | 2% | 2% | 2% | 2% |
| TOTAL | 523 | 623 | 543 | 600 | 473 |
| | 100% | 100% | 100% | 100% | 100% |

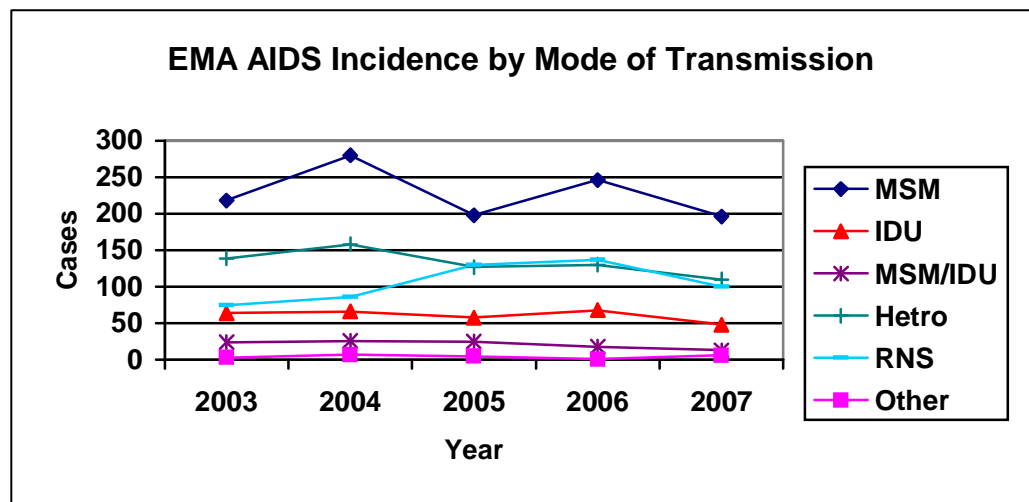


- On average, 44% of the AIDS incidence cases in the EMA from 2003 through 2007 occurred among Whites closely followed by Blacks (39%) and Hispanics (15%).

3. Mode of Transmission (Table 6-3 and Graph 6-3)

Table 6-3 and Graph 6-3: EMA AIDS Incidence by Mode of Transmission

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|---------------------------|------|------|------|------|------|
| MSM | 218 | 280 | 198 | 246 | 196 |
| | 42% | 45% | 36% | 41% | 41% |
| IDU | 64 | 66 | 58 | 68 | 48 |
| | 12% | 11% | 11% | 11% | 10% |
| IDU/MSM | 24 | 26 | 25 | 18 | 13 |
| | 5% | 4% | 5% | 3% | 3% |
| Heterosexual | 139 | 158 | 127 | 130 | 110 |
| | 26% | 25% | 23% | 22% | 23% |
| Risk Not Specified | 75 | 86 | 130 | 137 | 100 |
| | 14% | 14% | 24% | 23% | 21% |
| Other Risk | 3 | 7 | 5 | <3 | 6 |
| | 1% | 1% | 1% | <1% | 1% |
| TOTAL | 523 | 623 | 543 | 600 | 473 |
| | 100% | 100% | 100% | 100% | 100% |

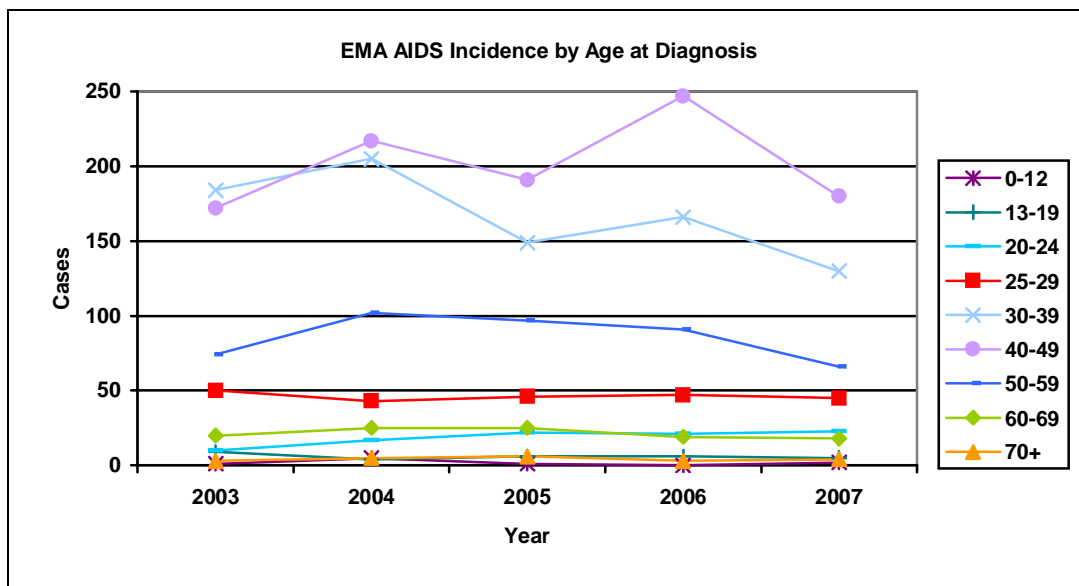


- On average, between 2003 and 2007, MSM transmission accounted for the largest percentage of cases (41%). Heterosexual transmission represented an average of 24% of the cases and unspecified risk accounted for 19% of the cases.

4. Age at Diagnosis (Table 6-4 and Graph 6-4)

Table 6-4 and Graph 6-4: EMA AIDS Incidence by Age at Diagnosis

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|--------------|------------|------------|------------|------------|------------|
| 0-12 | <3 | 5 | <3 | 0 | <3 |
| | <1% | 1% | <1% | 0% | <1% |
| 13-19 | 9 | 4 | 6 | 6 | 5 |
| | 2% | 1% | 1% | 1% | 1% |
| 20-24 | 10 | 17 | 22 | 21 | 23 |
| | 2% | 3% | 4% | 4% | 5% |
| 25-29 | 50 | 43 | 46 | 47 | 45 |
| | 9% | 7% | 8% | 8% | 10% |
| 30-39 | 184 | 205 | 149 | 166 | 130 |
| | 35% | 33% | 28% | 28% | 27% |
| 40-49 | 172 | 217 | 191 | 247 | 180 |
| | 33% | 34% | 35% | 41% | 38% |
| 50-59 | 74 | 102 | 97 | 91 | 66 |
| | 14% | 16% | 18% | 15% | 14% |
| 60-69 | 20 | 25 | 25 | 19 | 18 |
| | 4% | 4% | 5% | 3% | 4% |
| 70+ | 3 | 5 | 6 | 3 | 4 |
| | 1% | 1% | 1% | <1% | 1% |
| TOTAL | 523 | 623 | 543 | 600 | 473 |
| | 100% | 100% | 100% | 100% | 100% |



- On average, between 2003 and 2007, 36% of the AIDS incidence cases in the EMA occurred in the 40-49 age group followed by the 30-39 age group with 30%. The 50-59 age group was 16% on average.

Table 6-5 is a summary presentation of the demographic characteristics of the AIDS incidence and prevalence cases as well as the HIV prevalence for the EMA. Note that all totals may not equal 100% due to rounding.

Table 6-5: EMA AIDS Incidence, AIDS Prevalence, and HIV Prevalence by Gender, Race and Ethnicity, Exposure Category and Age

| Demographic Group/ Exposure Category | AIDS Incidence 1/1/2003-12/31/07 | | AIDS Prevalence As of 12/31/07 | | HIV Prevalence As of 12/31/07 | |
|---|-------------------------------------|------------|-----------------------------------|------------|----------------------------------|------------|
| | # of Cases | % of Total | # of Cases | % of Total | # of Cases | % of Total |
| Gender | | | | | | |
| Male | 337 | 71% | 3926 | 75% | 2629 | 68% |
| Female | 136 | 29% | 1293 | 25% | 1224 | 32% |
| TOTAL | 473 | 100% | 5219 | 100% | 3853 | 100% |
| Race/Ethnicity | | | | | | |
| White | 212 | 45% | 2696 | 52% | 1783 | 46% |
| Black | 190 | 40% | 1788 | 34% | 1492 | 39% |
| Hispanic | 62 | 13% | 661 | 13% | 505 | 13% |
| Other/Unknown | 9 | 2% | 74 | 1% | 73 | 2% |
| TOTAL | 473 | 100% | 5219 | 100% | 3853 | 100% |
| Exposure Category | | | | | | |
| MSM | 196 | 41% | 2495 | 48% | 1647 | 43% |
| IDU | 48 | 10% | 623 | 12% | 351 | 9% |
| MSM/IDU | 13 | 3% | 270 | 5% | 134 | 3% |
| Heterosexual | 110 | 23% | 1274 | 24% | 1027 | 27% |
| Pediatric | 0 | 0% | 4 | <1% | <3 | <1% |
| Risk Not Specified | 100 | 21% | 448 | 8% | 633 | 16% |
| Other Identified Risk | 6 | 1% | 105 | 2% | 60 | 2% |
| TOTAL | 473 | 98% | 5219 | 99% | 3853 | 100% |
| Age | | | | | | |
| <12 years | <3 | <1% | 16 | <1% | 28 | 1% |
| 13-19 years | 5 | 1% | 51 | 1% | 65 | 2% |
| 20-24 years | 23 | 5% | 60 | 1% | 201 | 5% |
| 25-29 years | 45 | 10% | 164 | 3% | 360 | 9% |
| 30-39 years | 130 | 27% | 958 | 18% | 1025 | 27% |
| 40-49 years | 180 | 38% | 2294 | 44% | 1334 | 35% |
| 50-59 years | 66 | 14% | 1290 | 25% | 638 | 17% |
| 60+ years | 22 | 5% | 386 | 7% | 202 | 5% |
| TOTAL | 473 | 100% | 5219 | 99% | 3853 | 101% |

HIV Prevalence is defined as the estimated number of people living with HIV, not AIDS, as of the date specified.

AIDS Prevalence is defined as the number of people with AIDS as of the date specified

AIDS Incidence is defined as the number of new AIDS cases reported to the CDC for the period specified.

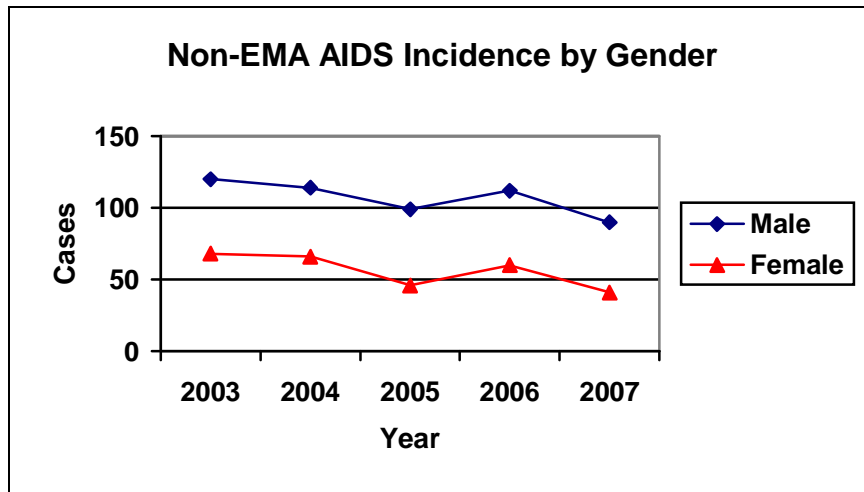
VII. NON-ELIGIBLE METROPOLITAN AREA

A. AIDS Incidence, 2003-2007

1. Gender (Table 7-1 and Graph 7-1)

Table 7-1 and Graph 7-1: Non-EMA AIDS Incidence by Gender

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|----------------|------|------|------|------|------|
| Males | 120 | 114 | 99 | 112 | 90 |
| | 64% | 63% | 68% | 65% | 69% |
| Females | 68 | 66 | 46 | 60 | 41 |
| | 36% | 37% | 32% | 35% | 31% |
| TOTAL | 188 | 180 | 145 | 172 | 131 |
| | 100% | 100% | 100% | 100% | 100% |

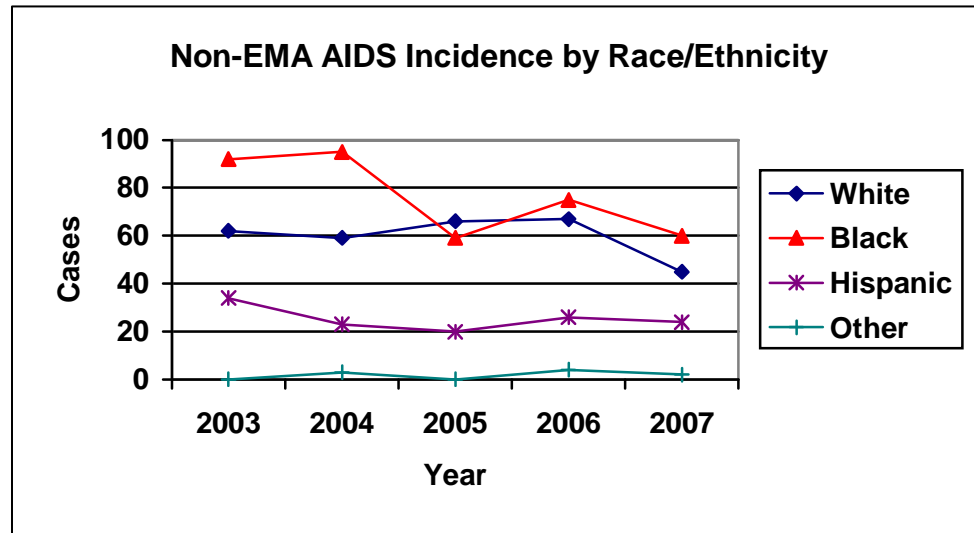


- On average, males accounted for 66% of all AIDS cases from 2003 through 2007.
- Females averaged 34% of all AIDS cases from 2003 through 2007.

2. Race and Ethnicity (Table 7-2 and Graph 7-2)

Table 7-2 and Graph 7-2: Non-EMA AIDS Incidence by Race and Ethnicity

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|-----------------|------|------|------|------|------|
| White | 62 | 59 | 66 | 67 | 45 |
| | 33% | 33% | 45% | 39% | 34% |
| Black | 92 | 95 | 59 | 75 | 60 |
| | 49% | 53% | 41% | 44% | 46% |
| Hispanic | 34 | 23 | 20 | 26 | 24 |
| | 18% | 12% | 14% | 15% | 18% |
| Other | 0 | 3 | 0 | 4 | 2 |
| | 0% | 2% | 0% | 2% | 2% |
| TOTAL | 188 | 180 | 145 | 172 | 131 |
| | 100% | 100% | 100% | 100% | 100% |

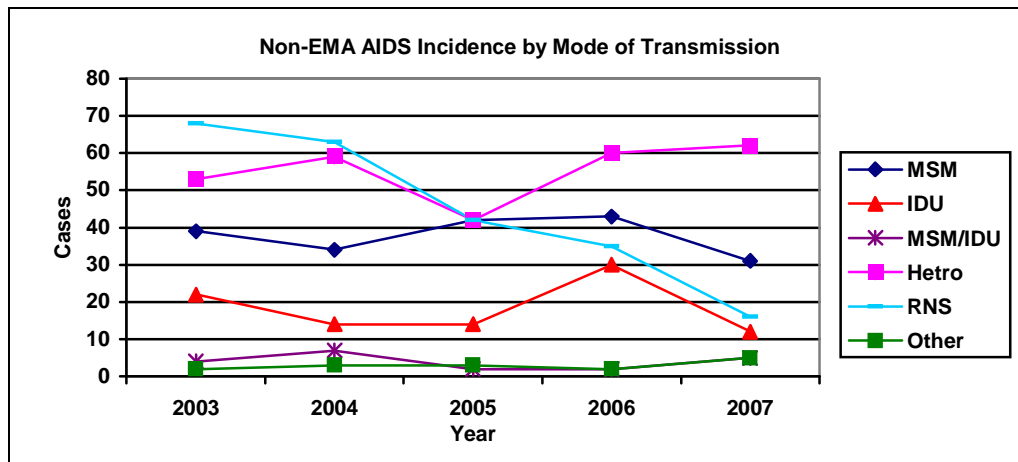


- On average, between 2003 and 2007, Blacks accounted for an average of 47% of all AIDS cases followed by Whites (37%) and Hispanics (16%).

3. Mode of Transmission (Table 7-3 and Graph 7-3)

Table 7-3 and Graph 7-3: Non-EMA AIDS Incidence by Mode of Transmission

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|---------------------------|------|------|------|------|------|
| MSM | 39 | 34 | 42 | 43 | 31 |
| | 21% | 19% | 29% | 25% | 24% |
| IDU | 22 | 14 | 14 | 30 | 12 |
| | 12% | 8% | 10% | 17% | 9% |
| IDU/MSM | 4 | 7 | <3 | <3 | 5 |
| | 2% | 4% | 1% | 1% | 4% |
| Heterosexual | 53 | 59 | 42 | 60 | 62 |
| | 28% | 32% | 29% | 35% | 47% |
| Risk Not Specified | 68 | 63 | 42 | 35 | 16 |
| | 36% | 35% | 29% | 20% | 12% |
| Other Risk | <3 | 3 | 3 | <3 | 5 |
| | 1% | 2% | 2% | 1% | 4% |
| TOTAL | 188 | 180 | 145 | 172 | 131 |
| | 100% | 100% | 100% | 100% | 100% |

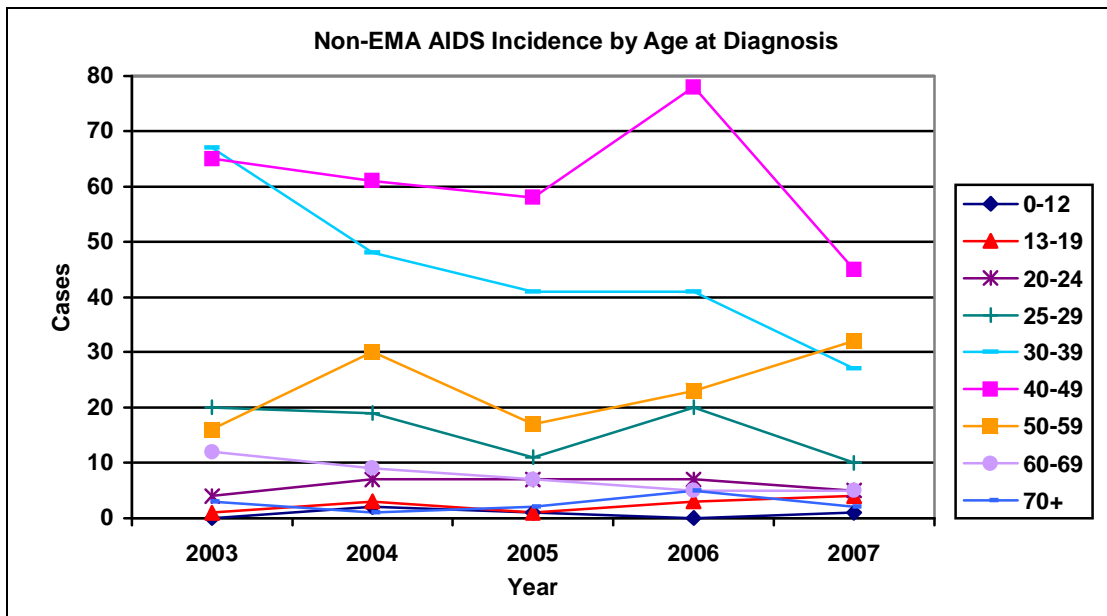


- On average, between 2003 and 2007, 34% of new AIDS (incidence) cases in the non-EMA were reported as heterosexual transmission followed by risk not specified (27%).
- Cases reported as MSM transmission averaged 23% between 2003 and 2007.

4. Age at Diagnosis (Table 7-4 and Graph 7-4)

Table 7-4 and Graph 7-4: Non-EMA AIDS Incidence by Age at Diagnosis

| | 2003 | 2004 | 2005 | 2006 | 2007 |
|--------------|------|------|------|------|------|
| 0-12 | 0 | <3 | <3 | 0 | <3 |
| | 0% | <1% | 1% | 0% | 1% |
| 13-19 | <3 | 3 | <3 | 3 | 4 |
| | <1% | 2% | 1% | 2% | 3% |
| 20-24 | 4 | 7 | 7 | 7 | 5 |
| | 2% | 4% | 5% | 4% | 4% |
| 25-29 | 20 | 19 | 11 | 10 | 10 |
| | 10% | 11% | 8% | 6% | 8% |
| 30-39 | 67 | 48 | 41 | 41 | 27 |
| | 36% | 27% | 28% | 24% | 21% |
| 40-49 | 65 | 61 | 58 | 78 | 45 |
| | 35% | 34% | 39% | 45% | 34% |
| 50-59 | 16 | 30 | 17 | 23 | 32 |
| | 9% | 17% | 12% | 13% | 24% |
| 60-69 | 12 | 9 | 7 | 5 | 5 |
| | 6% | 5% | 5% | 3% | 4% |
| 70+ | 3 | <3 | <3 | 5 | <3 |
| | 2% | <1% | 1% | 3% | 2% |
| TOTAL | 188 | 180 | 145 | 172 | 131 |
| | 100% | 100% | 100% | 100% | 100% |



- On average, between 2003 and 2007, 38% of AIDS incidence cases in the non-EMA were reported in the 40-49 age group and 27% in the 30-39 age group. The 50-59 age group had 14% of the AIDS incidence cases.

Table 7-5 is a summary presentation of the demographic characteristics of the AIDS incidence and prevalence cases, as well as the HIV prevalence for the non-EMA counties. Note that all totals may not equal 100% due to rounding.

Table 7-5: Non-EMA AIDS Incidence, AIDS Prevalence, and HIV Prevalence by Gender, Race and Ethnicity, Exposure Category, and Age

| Demographic Group/ Exposure Category | AIDS Incidence 1/1/2003-12/31/07 | | AIDS Prevalence As of 12/31/07 | | HIV Prevalence As of 12/31/07 | |
|---|-------------------------------------|------------|-----------------------------------|------------|----------------------------------|------------|
| | # of Cases | % of Total | # of Cases | % of Total | # of Cases | % of Total |
| Gender | | | | | | |
| Male | 90 | 69% | 957 | 67% | 549 | 57% |
| Female | 41 | 31% | 479 | 33% | 422 | 43% |
| TOTAL | 131 | 100% | 1436 | 100% | 971 | 100% |
| Race/Ethnicity | | | | | | |
| White | 45 | 34% | 566 | 39% | 338 | 35% |
| Black | 60 | 46% | 658 | 46% | 476 | 49% |
| Hispanic | 24 | 18% | 192 | 13% | 148 | 15% |
| Other/Unknown | 2 | 2% | 20 | 1% | 9 | 1% |
| TOTAL | 131 | 100% | 1436 | 99% | 971 | 100% |
| Exposure Category | | | | | | |
| MSM | 31 | 24% | 402 | 28% | 238 | 25% |
| IDU | 12 | 9% | 182 | 13% | 103 | 11% |
| MSM/IDU | 5 | 4% | 56 | 4% | 16 | 2% |
| Heterosexual | 62 | 47% | 537 | 37% | 364 | 37% |
| Pediatric | 0 | 0% | <3 | <1% | 0 | 0% |
| Risk Not Specified | 16 | 12% | 222 | 15% | 232 | 24% |
| Other Identified Risk | 5 | 4% | 36 | 3% | 18 | 2% |
| TOTAL | 131 | 100% | 1436 | 100% | 971 | 101% |
| Age at Diagnosis | | | | | | |
| <12 years | <3 | 1% | 6 | <1% | 8 | 1% |
| 13-19 years | 4 | 3% | 19 | 1% | 15 | 2% |
| 20-24 years | 5 | 4% | 23 | 2% | 46 | 5% |
| 25-29 years | 10 | 8% | 54 | 4% | 119 | 12% |
| 30-39 years | 27 | 21% | 278 | 19% | 278 | 29% |
| 40-49 years | 45 | 34% | 574 | 40% | 273 | 28% |
| 50-59 years | 32 | 24% | 360 | 25% | 161 | 17% |
| 60+ years | 7 | 6% | 122 | 8% | 71 | 7% |
| TOTAL | 131 | 101% | 1436 | 100% | 971 | 101% |

HIV Prevalence is defined as the estimated number of people living with HIV, not AIDS, as of the date specified.

AIDS Prevalence is defined as the number of people with AIDS as of the date specified

AIDS Incidence is defined as the number of new AIDS cases reported to the CDC for the period specified.

VIII. HIV/AIDS Cases Reported by Zip Code

Zip codes with the highest number of reported HIV/AIDS cases in each county are presented in Table 8-1. This data is intended to offer a sampling of the most affected areas in the TSA.

Table 8-1: TSA Zip Codes with Greatest Number of HIV/AIDS Cases

| | Zip Code | # HIV/AIDS Cases | % of County HIV/AIDS cases | Total # County HIV/AIDS cases |
|---------------------|----------|------------------|----------------------------|-------------------------------|
| Hardee County | 33837 | 41 | 62% | 66 |
| | 33834 | 13 | 20% | |
| Hernando County | 34609 | 46 | 27% | 170 |
| | 34601 | 30 | 18% | |
| | 34606 | 27 | 16% | |
| | 34608 | 24 | 14% | |
| Highlands County | 33870 | 50 | 32% | 158 |
| | 33825 | 44 | 28% | |
| | 33852 | 28 | 18% | |
| | 33872 | 16 | 10% | |
| Hillsborough County | 33610 | 407 | 8% | 5149 |
| | 33612 | 390 | 8% | |
| | 33604 | 368 | 7% | |
| | 33605 | 351 | 7% | |
| | 33603 | 253 | 5% | |
| | 33614 | 247 | 5% | |
| Manatee County | 34208 | 175 | 22% | 799 |
| | 34221 | 136 | 17% | |
| | 34205 | 128 | 16% | |
| | 34203 | 90 | 11% | |
| | 34207 | 83 | 10% | |
| Pasco County | 34668 | 80 | 14% | 581 |
| | 34652 | 62 | 11% | |
| | 34667 | 49 | 8% | |
| | 34653 | 48 | 8% | |
| | 34639 | 34 | 6% | |
| Pinellas County | 33705 | 304 | 10% | 3172 |
| | 33712 | 275 | 9% | |
| | 33701 | 241 | 8% | |
| | 33713 | 206 | 6% | |

| | Zip Code | # HIV/AIDS Cases | % of County HIV/AIDS cases | Total # County HIV/AIDS cases |
|----------------|----------|------------------|----------------------------|-------------------------------|
| | 33711 | 127 | 4% | |
| | 33702 | 122 | 4% | |
| Polk County | 33801 | 151 | 11% | 1384 |
| | 33805 | 128 | 9 % | |
| | 33881 | 127 | 9% | |
| | 33880 | 113 | 8% | |
| | 33853 | 107 | 8% | |

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