



Florida Department of Health Palm Beach County

Division of Epidemiology and Communicable Diseases

Epidemiology Program

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West Palm Beach, FL 33401

(561) 671-4184

Disease Surveillance Report

Second Quarter - 2014

April 1 – June 30, 2014

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Note: Data indicated is provisional

**Reportable Communicable Diseases and Other Conditions
Palm Beach County, Florida
April 1 – June 30, 2014**

| Disease/Condition | Cases During April to June 2014 | Cumulative Cases For 2014 | Cumulative Cases Same Time Last Year |
|---|--|----------------------------------|---|
| Invasive Haemophilus influenzae disease | 4 | 12 | 14 |
| Meningococcal infections | 1 | 2 | 0 |
| Meningitis, bacterial, cryptococcal, mycotic | 2 | 5 | 6 |
| Streptococcus pneumoniae-drug resistant-invasive | 8 | 16 | 24 |
| Encephalitis, St. Louis | 0 | 0 | 0 |
| Encephalitis, chickenpox | 0 | 0 | 0 |
| Measles | 0 | 0 | 0 |
| Mumps | 0 | 0 | 0 |
| Rubella | 0 | 0 | 0 |
| Tetanus | 0 | 0 | 0 |
| Pertussis | 2 | 5 | 18 |
| Hepatitis A | 1 | 4 | 3 |
| Hepatitis B, acute | 10 | 15 | 6 |
| Hepatitis C, acute | 5 | 6 | 6 |
| Salmonellosis | 93 | 151 | 172 |
| Shigellosis | 139 | 160 | 8 |
| Campylobacteriosis | 49 | 91 | 77 |
| Giardiasis | 33 | 55 | 30 |
| Cryptosporidiosis | 12 | 18 | 8 |
| Cyclosporiasis | 0 | 0 | 0 |
| Typhoid fever | 2 | 2 | 0 |
| Escherichia coli, shiga toxin producing | 7 | 15 | 19 |
| Vibrio infections | 3 | 3 | 4 |
| Animal rabies | 4 | 7 | 7 |
| Rabies, possible exposure | 38 | 74 | 86 |
| Animal bites/exposure of a human - number reported to Animal Care and Control | 704 | 1353 | 1379 |
| Legionellosis | 6 | 8 | 7 |
| Lead poisoning | 5 | 17 | 25 |
| Malaria | 1 | 1 | 4 |
| Dengue fever | 0 | 4 | 6 |
| Lyme disease | 2 | 3 | 1 |
| Ciguatera | 0 | 5 | 0 |

Source of Data: Florida Department of Health Palm Beach County
Division of Epidemiology and Communicable Diseases
Epidemiology Program

**Summary of Food and Water-Related Complaints and Investigations
Palm Beach County, Florida
April 1 – June 30, 2014**

| | SECOND QUARTER 2014 | CUMULATIVE 2014 | CUMULATIVE NUMBERS SAME TIME PREVIOUS YEAR |
|---|------------------------------------|----------------------------|---|
| NUMBER OF COMPLAINTS | 63 | 133 | 110 |
| NUMBER OF OUTBREAKS | 1 | 4 | 2 |
| SUSPECT | 1 | 2 | 0 |
| CONFIRMED | 0 | 2 | 2 |
| NUMBER ILL | 211 | 357 | 206 |
| NUMBER OF ENVIRONMENTAL HEALTH INSPECTIONS | 33 | 62 | 46 |

Source of Data: Florida Department of Health Palm Beach County
Division of Environmental Public Health

**AIDS Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – June 30, 2014**

| Exposure Category | White | | Black | | Hispanic | | Other Race/Ethnicity | | Total | |
|--------------------------------|-------------|------------|-------------|------------|------------|------------|----------------------|------------|-------------|------------|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Male to male contact | 1848 | 76 | 952 | 22 | 400 | 46 | 66 | 50 | 3266 | 42 |
| Injection drug user (IDU) | 160 | 7 | 514 | 12 | 102 | 12 | 12 | 9 | 788 | 10 |
| Male to male contact / IDU | 171 | 7 | 147 | 3 | 34 | 4 | 7 | 5 | 359 | 5 |
| Hemophiliac | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heterosexual contact | 114 | 5 | 2027 | 48 | 237 | 27 | 34 | 26 | 2412 | 31 |
| Transfusion related | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| None of the above | 146 | 6 | 611 | 14 | 92 | 11 | 12 | 9 | 861 | 11 |
| All Exposure Categories | 2439 | 100 | 4251 | 100 | 865 | 100 | 131 | 100 | 7686 | 100 |

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – June 30, 2014**

| Exposure Category | White | | Black | | Hispanic | | Other Race/Ethnicity | | Total | |
|--------------------------------|------------|------------|-------------|------------|------------|------------|----------------------|------------|-------------|------------|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Injection drug user (IDU) | 181 | 36 | 428 | 15 | 50 | 19 | 13 | 19 | 672 | 18 |
| Hemophiliac | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heterosexual contact | 250 | 50 | 2196 | 74 | 186 | 70 | 54 | 78 | 2686 | 71 |
| Transfusion related | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| None of the above | 71 | 14 | 327 | 11 | 29 | 11 | 2 | 3 | 429 | 11 |
| All Exposure Categories | 502 | 100 | 2951 | 100 | 265 | 100 | 69 | 100 | 3787 | 100 |

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

Source of Data: Florida Department of Health
Division of Disease Control and Health Protection
Bureau of Communicable Diseases
HIV/AIDS and Hepatitis Section
Surveillance Unit

**AIDS Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
April 1 – June 30, 2014**

| Exposure Category | White | | Black | | Hispanic | | Other Race/Ethnicity | | Total | |
|--------------------------------|----------|------------|-----------|------------|----------|------------|----------------------|------------|-----------|------------|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Male to male contact | 6 | 67 | 5 | 24 | 4 | 50 | 0 | 0 | 15 | 38 |
| Injection drug user (IDU) | 2 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 |
| Male to male contact / IDU | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hemophiliac | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heterosexual contact | 0 | 0 | 11 | 52 | 3 | 38 | 1 | 100 | 15 | 38 |
| Transfusion related | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| None of the above | 1 | 11 | 5 | 24 | 1 | 13 | 0 | 0 | 7 | 18 |
| All Exposure Categories | 9 | 100 | 21 | 100 | 8 | 100 | 1 | 100 | 39 | 100 |

**AIDS Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
April 1 – June 30, 2014**

| Exposure Category | White | | Black | | Hispanic | | Other Race/Ethnicity | | Total | |
|--------------------------------|----------|------------|-----------|------------|----------|------------|----------------------|----------|-----------|------------|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Injection drug user (IDU) | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |
| Hemophiliac | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heterosexual contact | 3 | 60 | 21 | 95 | 4 | 80 | 0 | 0 | 28 | 88 |
| Transfusion related | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| None of the above | 1 | 20 | 1 | 5 | 1 | 20 | 0 | 0 | 3 | 9 |
| All Exposure Categories | 5 | 100 | 22 | 100 | 5 | 100 | 0 | 0 | 32 | 100 |

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

Source of Data: Florida Department of Health
Division of Disease Control and Health Protection
Bureau of Communicable Diseases
HIV/AIDS and Hepatitis Section
Surveillance Unit

Pediatric AIDS Cases
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – June 30, 2014

| Exposure Category | White | | Black | | Hispanic | | Other Race/Ethnicity | | Total | |
|--------------------------------|----------|------------|------------|------------|-----------|------------|----------------------|------------|------------|------------|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Perinatal exposure | 5 | 83 | 179 | 95 | 26 | 96 | 1 | 100 | 211 | 95 |
| Other | 1 | 17 | 10 | 5 | 1 | 4 | 0 | 0 | 12 | 5 |
| All Exposure Categories | 6 | 100 | 189 | 100 | 27 | 100 | 1 | 100 | 223 | 100 |

Pediatric HIV Cases
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative 1980 – June 30, 2014

| Exposure Category | White | | Black | | Hispanic | | Other Race/Ethnicity | | Total | |
|--------------------------------|----------|------------|-----------|------------|----------|------------|----------------------|----------|-----------|------------|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Perinatal exposure | 5 | 100 | 40 | 98 | 7 | 88 | 0 | 0 | 52 | 96 |
| Other | 0 | 0 | 1 | 2 | 1 | 12 | 0 | 0 | 2 | 4 |
| All Exposure Categories | 5 | 100 | 41 | 100 | 8 | 100 | 0 | 0 | 54 | 100 |

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

Source of Data: Florida Department of Health
 Division of Disease Control and Health Protection
 Bureau of Communicable Diseases
 HIV/AIDS and Hepatitis Section
 Surveillance Unit

**HIV Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – June 30, 2014**

| Exposure Category | White | | Black | | Hispanic | | Other Race/Ethnicity | | Total | |
|--------------------------------|------------|------------|-------------|------------|------------|------------|----------------------|------------|-------------|------------|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Male to male contact | 595 | 77 | 345 | 32 | 190 | 59 | 18 | 37 | 1148 | 52 |
| Injection drug user (IDU) | 32 | 4 | 51 | 5 | 11 | 3 | 2 | 4 | 96 | 4 |
| Male to male contact / IDU | 31 | 4 | 12 | 1 | 11 | 3 | 3 | 6 | 57 | 3 |
| Hemophiliac | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heterosexual contact | 45 | 6 | 514 | 48 | 67 | 21 | 18 | 37 | 644 | 29 |
| Transfusion related | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| None of the above | 70 | 9 | 145 | 14 | 45 | 14 | 8 | 16 | 268 | 12 |
| All Exposure Categories | 773 | 100 | 1067 | 100 | 324 | 100 | 49 | 100 | 2213 | 100 |

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
Cumulative July 1, 1997 – June 30, 2014**

| Exposure Category | White | | Black | | Hispanic | | Other Race/Ethnicity | | Total | |
|--------------------------------|------------|------------|-------------|------------|------------|------------|----------------------|------------|-------------|------------|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Injection drug user (IDU) | 49 | 25 | 37 | 4 | 10 | 8 | 3 | 21 | 99 | 7 |
| Hemophiliac | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heterosexual contact | 122 | 63 | 844 | 84 | 101 | 79 | 10 | 71 | 1077 | 80 |
| Transfusion related | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| None of the above | 24 | 12 | 120 | 12 | 17 | 13 | 1 | 7 | 162 | 12 |
| All Exposure Categories | 195 | 100 | 1001 | 100 | 128 | 100 | 14 | 100 | 1338 | 100 |

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

Source of Data: Florida Department of Health
Division of Disease Control and Health Protection
Bureau of Communicable Diseases
HIV/AIDS and Hepatitis Section
Surveillance Unit

**HIV Cases Among Adult and Adolescent Males
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
April 1 – June 30, 2014**

| Exposure Category | White | | Black | | Hispanic | | Other Race/Ethnicity | | Total | |
|--------------------------------|-----------|------------|-----------|------------|-----------|------------|----------------------|------------|-----------|------------|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Male to male contact | 18 | 72 | 10 | 36 | 11 | 69 | 0 | 0 | 39 | 56 |
| Injection drug user (IDU) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Male to male contact / IDU | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Hemophiliac | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heterosexual contact | 1 | 4 | 7 | 25 | 2 | 13 | 0 | 0 | 10 | 14 |
| Transfusion related | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| None of the above | 5 | 20 | 11 | 39 | 3 | 19 | 1 | 100 | 20 | 29 |
| All Exposure Categories | 25 | 100 | 28 | 100 | 16 | 100 | 1 | 100 | 70 | 100 |

**HIV Cases Among Adult and Adolescent Females
By Race, Ethnicity and Exposure Category
Palm Beach County, Florida
April 1 – June 30, 2014**

| Exposure Category | White | | Black | | Hispanic | | Other Race/Ethnicity | | Total | |
|--------------------------------|----------|------------|-----------|------------|----------|------------|----------------------|----------|-----------|------------|
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Injection drug user (IDU) | 0 | 0 | 0 | 0 | 1 | 33 | 0 | 0 | 1 | 5 |
| Hemophiliac | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heterosexual contact | 3 | 100 | 10 | 67 | 2 | 67 | 0 | 0 | 15 | 71 |
| Transfusion related | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| None of the above | 0 | 0 | 5 | 33 | 0 | 0 | 0 | 0 | 5 | 24 |
| All Exposure Categories | 3 | 100 | 15 | 100 | 3 | 100 | 0 | 0 | 21 | 100 |

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

Source of Data: Florida Department of Health
Division of Disease Control and Health Protection
Bureau of Communicable Diseases
HIV/AIDS and Hepatitis Section
Surveillance Unit

**Cases of Tuberculosis in Palm Beach County by Race/Ethnicity
Palm Beach County, Florida
April 1 – June 30, 2014**

| RACE/ETHNICITY | 2nd QTR 2014 | YTD 2014 | 2nd QTR 2013 | YTD 2013 |
|---|-------------------------|---------------------|-------------------------|---------------------|
| WHITE | 3 | 9 | 3 | 7 |
| BLACK | 8 | 11 | 5 | 14 |
| HISPANIC (also counted in White) | 2 | 8 | 1 | 4 |
| OTHER | 0 | 0 | 1 | 2 |
| TOTAL | 11 | 20 | 9 | 23 |

**Cases of Tuberculosis by HIV Co-Infection, Site of Disease and Multi-Drug Resistance
Palm Beach County, Florida
April 1 – June 30, 2014**

| | 2nd QTR 2014 | YTD 2014 | 2nd QTR 2013 | YTD 2013 |
|---|-------------------------|---------------------|-------------------------|---------------------|
| CO-INFECTION | 1 | 2 | 4 | 6 |
| PULMONARY | 9 | 18 | 6 | 18 |
| EXTRA PULMONARY | 2 | 2 | 1 | 3 |
| MULTI-DRUG RESISTANCE | 0 | 0 | 0 | 0 |
| BOTH PULMONARY & EXTRA PULMONARY | 0 | 0 | 2 | 2 |

**Cases of Tuberculosis by US Born and Foreign Born
Palm Beach County, Florida
April 1 – June 30, 2014**

| | 2nd QTR 2014 | YTD 2014 | 2nd QTR 2013 | YTD 2013 |
|---------------------|-------------------------|---------------------|-------------------------|---------------------|
| US BORN | 5 | 7 | 2 | 6 |
| FOREIGN BORN | 6 | 13 | 7 | 17 |
| TOTAL | 11 | 20 | 9 | 23 |

Source of Data: Florida Department of Health Palm Beach County
Division of Epidemiology and Communicable Diseases
TB Program

**Cases of Sexually Transmitted Diseases by Sex
Palm Beach County, Florida
April 1 – June 30, 2014**

| | Males | Females | Total | Percent |
|-------------------------------------|--------------|----------------|--------------|----------------|
| Primary Syphilis | 9 | 0 | 9 | 11 |
| Secondary Syphilis | 12 | 2 | 14 | 16 |
| Total Infectious Syphilis | 21 | 2 | 23 | |
| Early Latent Syphilis | 24 | 8 | 32 | 38 |
| Late Latent Syphilis | 3 | 4 | 7 | 8 |
| Syphilis of Unknown Duration | 10 | 13 | 23 | 27 |
| Congenital Syphilis | 0 | 0 | 0 | 0 |
| Total Syphilis | 58 | 27 | 85 | 100 |
| Gonorrhea | 172 | 147 | 319 | |
| Chlamydia | 322 | 934 | 1256 | |

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

Source of Data: Florida Department of Health Palm Beach County
Division of Epidemiology and Communicable Diseases
Sexually Transmitted Disease Program

HIV Testing*
Palm Beach County, Florida
April 1 – June 30, 2014

| | 2nd Quarter 2014 | YTD 2014 | 2nd Quarter 2013 | YTD 2013 |
|-----------------------|-----------------------------|---------------------|-----------------------------|---------------------|
| # HIV Tested | 4,114 | 8,516 | 4,964 | 9,939 |
| # HIV Positive | 28 | 50 | 38 | 78 |
| % HIV Positive | 0.68 | 0.59 | 0.77 | 0.78 |

*Clients serviced at Florida Department of Health Palm Beach County only. May not include field visits or counseling and testing conducted in correctional facilities by STD staff.

For further information, contact Derrick Gibson at (850) 245-4444, ext. 3796.

Source of Data: Derrick Gibson
Florida Department of Health
Bureau of Communicable Diseases
HIV/AIDS and Hepatitis Section