

Data to support applications for FOA 17-1706

The information in this report comes from routine disease surveillance and evaluation activities associated with the annual estimates of unmet need for HIV-related medical care. We have included information by HIV Service Delivery Area (HSDA) on both young MSM and MSM/IDU for the years 2006-2015. For more information on the counties included in each HSDA please see the DSHS Plan Area-Administrative Agency & HSDA Counties List. Some of these areas have very small numbers of young men living with diagnosed HIV infections (PLWH) and newly diagnosed persons in these age groups, which makes interpreting trends difficult. We have included information on young men in state and federal corrections and immigration detention centers (ICE). The inclusion of these facilities as separate entity improves the accuracy of counts of PLWH and new diagnoses in the community.

We will use the word youth and young to refer to people 13 to 29 years old unless otherwise specified.

Young Black and Hispanic MSM and MSM/IDU living with diagnosed HIV infections, 2015

These tables show the HSDAs with the greatest number of young Black and Hispanic MSM and MSM/IDU living with HIV as well as tables showing all HSDAs. We did not include HSDAs with fewer than 10 PLWH in the ranking tables. The proportions show the percentage of all Texas PLWH in these two groups who were residing in that HSDA as of the end of 2015.

About 96% of the young Black MSM PLWH and 92% of the young Hispanic MSM PLWH lived in the top ten HSDA. Almost three-quarters of the young Black MSM living with HIV were in the Houston and Dallas areas; four out of five in this group lived in the Houston, Dallas, and Fort Worth areas. The young Hispanic MSM PLWH were more geographically dispersed. The largest concentrations were in the Houston, San Antonio, and Dallas areas.

Table 1: Young Black and Hispanic MSM years old living with HIV by area of residence, Texas 2015

| | Black | | | Hispanic | | | |
|----------------------------------|-------|-------|-----|----------------------------|----|-------|-----|
| | Rank | # | % | Rank | # | % | |
| Houston HSDA | 1 | 1,538 | 41% | Houston HSDA | 1 | 813 | 27% |
| Dallas HSDA | 2 | 1,159 | 31% | San Antonio HSDA | 2 | 522 | 17% |
| Fort Worth HSDA | 3 | 303 | 8% | Dallas HSDA | 3 | 514 | 17% |
| TDCJ | 4 | 145 | 4% | Austin HSDA | 4 | 273 | 9% |
| San Antonio HSDA | 5 | 117 | 3% | Brownsville HSDA | 5 | 189 | 6% |
| Austin HSDA | 6 | 104 | 3% | El Paso HSDA | 6 | 180 | 6% |
| Temple-Killeen HSDA | 7 | 67 | 2% | Fort Worth HSDA | 7 | 135 | 4% |
| Tyler HSDA | 8 | 65 | 2% | TDCJ | 8 | 58 | 2% |
| Beaumont-Port Arthur HSDA | 9 | 50 | 1% | Corpus Christi HSDA | 9 | 50 | 2% |
| Galveston HSDA | 10 | 49 | 1% | Laredo HSDA | 10 | 47 | 2% |
| Texas | | 3,767 | 95% | Texas | | 3,054 | 91% |

The HSDAs with the greatest number of young Black and Hispanic MSM/IDU living with HIV are shown in Table 2; only areas with ten or more PLWH are shown. More than half of young Black MSM/IDU are in the Houston and Dallas areas; two out of five young Hispanic MSM/IDU with HIV are living in the San Antonio and Houston areas.

Table 2: Young MSM/IDU of color by area of residence, Texas 2015

| Black | | | | Hispanic | | | |
|-----------------|------|----|-----|------------------|------|-----|-----|
| | Rank | # | % | | Rank | # | % |
| Dallas HSDA | 1 | 26 | 36% | San Antonio HSDA | 1 | 23 | 23% |
| Houston HSDA | 2 | 20 | 28% | Houston HSDA | 2 | 21 | 21% |
| Fort Worth HSDA | 3 | 8 | 11% | Dallas HSDA | 3 | 14 | 14% |
| TDCJ | 4 | 7 | 10% | El Paso HSDA | 4 | 7 | 7% |
| Total | | 72 | 85% | Total | | 102 | 64% |

Table 3: Young Black and Hispanic MSM and MSM/IDU by area of residence, Texas 2015

| | MSM | | MSM/IDU | |
|----------------------------------|--------------|------------------|----------------|-----------------|
| | Black | Hispanic# | Black | Hispanic |
| Abilene HSDA | 3 | 4 | 0 | 0 |
| Amarillo HSDA | 4 | 20 | 1 | 0 |
| Austin HSDA | 104 | 273 | 1 | 7 |
| Beaumont-Port Arthur HSDA | 50 | 6 | 1 | 0 |
| Brownsville HSDA | 0 | 189 | 0 | 1 |
| Bryan-College Sta. HSDA | 35 | 18 | 0 | 0 |
| Concho Plateau HSDA | 5 | 8 | 0 | 1 |
| Corpus Christi HSDA | 4 | 50 | 0 | 2 |
| Dallas HSDA | 1,159 | 514 | 26 | 14 |
| El Paso HSDA | 20 | 180 | 1 | 7 |
| Fort Worth HSDA | 303 | 135 | 8 | 7 |
| Galveston HSDA | 49 | 29 | 1 | 1 |
| Houston HSDA | 1,538 | 813 | 20 | 21 |
| Laredo HSDA | 0 | 47 | 0 | 1 |
| Lubbock HSDA | 18 | 38 | 0 | 0 |
| Lufkin HSDA | 25 | 6 | 0 | 0 |
| Permian Basin HSDA | 6 | 31 | 0 | 2 |
| San Antonio HSDA | 117 | 522 | 1 | 23 |
| Sherman-Denison HSDA | 5 | 0 | 0 | 0 |
| Temple-Killeen HSDA | 67 | 27 | 2 | 0 |
| Texarkana HSDA | 25 | 3 | 1 | 1 |
| Tyler HSDA | 65 | 14 | 3 | 0 |
| Uvalde HSDA | 0 | 7 | 0 | 0 |
| Victoria HSDA | 3 | 4 | 0 | 1 |
| Waco HSDA | 17 | 11 | 0 | 0 |
| Wichita Falls HSDA | 2 | 2 | 0 | 1 |
| ICE | 1 | 26 | 0 | 3 |
| Federal Prison | 1 | 21 | 0 | 1 |
| TDCJ | 145 | 58 | 7 | 8 |
| All* | 3,767 | 3,054 | 73 | 102 |

* Transmission categories are estimated, column values may not sum to the column total.

New HIV diagnoses counts diagnosis rates for 2006-2015

Counts of new diagnoses are provided by HSDA, with counts aggregated in five and ten year groupings as well as year by year. Most areas have small numbers of new diagnoses on an annual basis, and we caution that trend comparisons will give unreliable results for areas with few than 50 new diagnoses in each five-year period.

We have also provided diagnosis rates for young Black and Hispanic MSM aged 18-29. We cannot provide rates for persons 13-17 years old, and we cannot provide estimates for MSM/IDU. The rates are very high –rates of 1,000 or more can be interpreted as percentages. For example, a rate of 1,200 new diagnoses per 100,000 young Hispanic MSM means that 1.2% of the men were diagnosed with an HIV infection during that year.

Table 4: New HIV diagnoses in young Black and Hispanic MSM by area of residence, Texas, 2006-2015

| | Black MSM | | | Hispanic MSM | | |
|---------------------------|-----------|-----------|-----------|--------------|-----------|-----------|
| | 2006-2010 | 2011-2015 | 2006-2015 | 2006-2010 | 2011-2015 | 2006-2015 |
| Abilene HSDA | 3 | 2 | 5 | 4 | 3 | 7 |
| Amarillo HSDA | 0 | 9 | 9 | 10 | 20 | 30 |
| Austin HSDA | 63 | 87 | 150 | 143 | 271 | 414 |
| Beaumont-Port Arthur HSDA | 40 | 49 | 89 | 7 | 12 | 19 |
| Brownsville | 0 | 0 | 0 | 140 | 204 | 344 |
| Bryan-College Sta. HSDA | 24 | 29 | 53 | 5 | 20 | 25 |
| Concho Plateau HSDA | 3 | 3 | 6 | 2 | 7 | 9 |
| Corpus Christi HSDA | 2 | 1 | 3 | 21 | 54 | 75 |
| Dallas HSDA | 633 | 874 | 1,507 | 354 | 466 | 820 |
| El Paso HSDA | 8 | 19 | 27 | 109 | 196 | 305 |
| Fort Worth HSDA | 162 | 237 | 399 | 76 | 122 | 198 |
| Galveston HSDA | 32 | 41 | 73 | 20 | 26 | 46 |
| Houston HSDA | 866 | 1,135 | 2,001 | 512 | 763 | 1,275 |
| Laredo | 0 | 0 | 0 | 28 | 55 | 83 |
| Lubbock HSDA | 5 | 15 | 20 | 11 | 39 | 50 |
| Lufkin HSDA | 15 | 25 | 40 | 4 | 8 | 12 |
| Permian Basin HSDA | 0 | 6 | 6 | 17 | 35 | 52 |
| San Antonio HSDA | 57 | 89 | 146 | 329 | 492 | 821 |
| Sherman-Denison HSDA | 0 | 4 | 4 | 1 | 2 | 3 |
| Temple-Killeen HSDA | 45 | 68 | 113 | 15 | 23 | 38 |
| Texarkana HSDA | 10 | 19 | 29 | 2 | 7 | 9 |
| Tyler HSDA | 55 | 59 | 114 | 17 | 14 | 31 |
| Uvalde | 0 | 0 | 0 | 13 | 8 | 21 |
| Victoria HSDA | 0 | 2 | 2 | 4 | 6 | 10 |
| Waco HSDA | 22 | 17 | 39 | 6 | 10 | 16 |
| Wichita Falls HSDA | 3 | 2 | 5 | 2 | 2 | 4 |
| ICE | 2 | 23 | 25 | 11 | 70 | 81 |
| FED PRISON | 0 | 2 | 2 | 7 | 33 | 40 |
| TDCJ | 65 | 58 | 123 | 26 | 32 | 58 |
| All* | 2,109 | 2,870 | 4,979 | 1,888 | 2,992 | 4,880 |

* Transmission categories are estimated, column values may not sum to the column total.

Table 5: New HIV diagnoses in young Black and Hispanic MSM/IDU by area of residence, Texas, 2006-2015

| | Black MSM/IDU | | | Hispanic MSM/IDU | | |
|---------------------------|---------------|-----------|-----------|------------------|-----------|-----------|
| | 2006-2010 | 2011-2015 | 2006-2015 | 2006-2010 | 2011-2015 | 2006-2015 |
| Abilene HSDA | 2 | 0 | 2 | 0 | 0 | 0 |
| Amarillo HSDA | 0 | 1 | 1 | 1 | 0 | 1 |
| Austin HSDA | 1 | 1 | 2 | 10 | 5 | 15 |
| Beaumont-Port Arthur HSDA | 3 | 1 | 4 | 0 | 0 | 0 |
| Brownsville | 0 | 0 | 0 | 3 | 3 | 6 |
| Bryan-College Sta. HSDA | 1 | 0 | 1 | 0 | 1 | 1 |
| Concho Plateau HSDA | 0 | 0 | 0 | 1 | 1 | 2 |
| Corpus Christi | 1 | 0 | 1 | 0 | 0 | 0 |
| Dallas HSDA | 16 | 14 | 30 | 5 | 15 | 20 |
| El Paso HSDA | 0 | 1 | 1 | 2 | 7 | 9 |
| Fort Worth HSDA | 9 | 5 | 14 | 7 | 4 | 11 |
| Galveston HSDA | 2 | 1 | 3 | 2 | 3 | 5 |
| Houston HSDA | 17 | 19 | 36 | 19 | 21 | 40 |
| Laredo HSDA | 0 | 0 | 0 | 2 | 0 | 2 |
| Lubbock HSDA | 0 | 0 | 0 | 0 | 0 | 0 |
| Lufkin HSDA | 1 | 1 | 2 | 0 | 2 | 2 |
| Permian Basin HSDA | 0 | 0 | 0 | 2 | 1 | 3 |
| San Antonio HSDA | 3 | 3 | 6 | 16 | 25 | 41 |
| Sherman-Denison HSDA | 0 | 0 | 0 | 0 | 0 | 0 |
| Temple-Killeen HSDA | 2 | 2 | 4 | 0 | 0 | 0 |
| Texarkana HSDA | 0 | 1 | 0 | 0 | 0 | 0 |
| Tyler HSDA | 1 | 3 | 4 | 1 | 0 | 1 |
| Uvalde HSDA | 0 | 0 | 0 | 0 | 0 | 0 |
| Victoria HSD | 0 | 0 | 0 | 1 | 3 | 4 |
| Waco HSDA | 0 | 0 | 0 | 0 | 0 | 0 |
| Wichita Falls HSDA | 1 | 0 | 1 | 0 | 0 | 0 |
| ICE | 1 | 0 | 0 | 2 | 1 | 3 |
| FED PRISON | 0 | 1 | 1 | 0 | 1 | 1 |
| TDCJ | 22 | 3 | 25 | 9 | 5 | 14 |
| All* | 80 | 54 | 134 | 82 | 98 | 180 |

* Transmission categories are estimated, column values may not sum to the column total.

Table 6: Rate of New HIV Diagnoses in Black MSM age 18-29 by HSDA, 2010-2015

| | HIV diagnosis year | | | | | | | | | | | |
|---------------------------|--------------------|--------|------|--------|------|---------|------|---------|------|---------|------|--------|
| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | |
| | # | Rate | # | Rate | # | Rate | # | Rate | # | Rate | # | Rate |
| Abilene HSDA | 0 | 0 | 1 | 554.3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 529.8 |
| Amarillo HSDA | 0 | 0 | 1 | 609.9 | 2 | 1110.7 | 1 | 572 | 0 | 0 | 5 | 2817.2 |
| Austin HSDA | 15 | 1,539 | 14 | 1,375 | 19 | 1,743.5 | 13 | 1,193.3 | 22 | 1,904.5 | 18 | 1502.6 |
| Beaumont-Port Arthur HSDA | 8 | 1778.2 | 7 | 1633 | 9 | 1920.1 | 14 | 3001.4 | 12 | 2497.6 | 2 | 437.2 |
| Bryan-College Sta. HSDA | 4 | 1374.8 | 5 | 1504.7 | 6 | 1934.4 | 3 | 854.9 | 8 | 2483.1 | 7 | 2094.4 |
| Concho Plateau HSDA | 1 | 1588 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3550.2 | 1 | 1840 |
| Corpus Christi HSDA | 1 | 597.6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 528.7 | 0 | 0 |
| Dallas HSDA | 163 | 4004.5 | 152 | 3578.6 | 163 | 3659.5 | 165 | 3593.4 | 173 | 3651.1 | 196 | 3991.6 |
| El Paso HSDA | 4 | 2709.3 | 3 | 1834.1 | 6 | 3374.7 | 2 | 1057.9 | 5 | 2655.4 | 3 | 1466.3 |
| Fort Worth HSDA | 27 | 1575.5 | 49 | 2774.6 | 42 | 2265.7 | 34 | 1748.6 | 45 | 2182.1 | 58 | 2731.2 |
| Galveston HSDA | 6 | 1614.6 | 7 | 1807.9 | 3 | 747.4 | 6 | 1427.9 | 13 | 3025.3 | 12 | 2642.9 |
| Houston HSDA | 198 | 3375.4 | 174 | 2871.7 | 216 | 3426.1 | 265 | 4100.3 | 213 | 3188 | 237 | 3467.2 |
| Lubbock HSDA | 2 | 967.1 | 3 | 1494 | 2 | 969.5 | 3 | 1429 | 2 | 934.2 | 5 | 2259.3 |
| Lufkin HSDA | 4 | 1111.3 | 5 | 1547.3 | 3 | 854.8 | 5 | 1431.7 | 6 | 1685.9 | 5 | 1401.7 |
| Permian Basin HSDA | 0 | 0 | 2 | 1279 | 1 | 601.3 | 1 | 595.1 | 2 | 1130.7 | 0 | 0 |
| San Antonio HSDA | 16 | 1524.2 | 11 | 1024.8 | 17 | 1475.1 | 19 | 1661.7 | 16 | 1284.1 | 25 | 1966.3 |
| Sherman-Denison HSDA | 0 | 0 | 1 | 1445.4 | 1 | 1270.7 | 0 | 0 | 0 | 0 | 2 | 2701.9 |
| Temple-Killeen HSDA | 9 | 2031.5 | 14 | 3107.2 | 18 | 3577.7 | 15 | 3055.1 | 13 | 2420.2 | 7 | 1284.1 |
| Texarkana HSDA | 5 | 2385.4 | 3 | 1391.7 | 3 | 1337.7 | 2 | 876.6 | 6 | 2764.7 | 3 | 1072.4 |
| Tyler HSDA | 9 | 1413.9 | 9 | 1395.9 | 10 | 1481.8 | 12 | 1731.1 | 18 | 2549 | 8 | 1123.3 |
| Victoria HSDA | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1646.1 | 0 | 0 | 0 | 0 |
| Waco HSDA | 4 | 1630.6 | 5 | 1929.2 | 1 | 376.2 | 4 | 1479.9 | 3 | 943.6 | 4 | 1426.5 |
| Wichita Falls HSDA | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 680.8 | 1 | 670.9 | 0 | 0 |
| ICE | 1 | 0 | 1 | 0 | 3 | 0 | 6 | 0 | 6 | 0 | 7 | 0 |
| FED PRISON | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| TDCJ | 23 | 0 | 14 | 0 | 11 | 0 | 11 | 0 | 11 | 0 | 11 | 0 |

Table 7: Rate of New HIV Diagnoses in Hispanic MSM age 18-29 by HSDA, 2010-2015

| | HIV diagnosis year | | | | | | | | | | | |
|---------------------------|--------------------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | |
| | # | Rate | # | Rate | # | Rate | # | Rate | # | Rate | # | Rate |
| HIV HSDA | | | | | | | | | | | | |
| Abilene HSDA | 1 | 205.8 | 0 | 0 | 0 | 0 | 1 | 191.3 | 0 | 0 | 2 | 370.1 |
| Amarillo HSDA | 1 | 121.3 | 5 | 548 | 2 | 227 | 6 | 668.9 | 1 | 110.6 | 6 | 652.1 |
| Austin HSDA | 29 | 569.5 | 41 | 794.9 | 49 | 953.8 | 43 | 833.1 | 61 | 1150.2 | 67 | 1247.7 |
| Beaumont-Port Arthur HSDA | 0 | 0 | 3 | 891.2 | 4 | 1220.6 | 1 | 307.6 | 2 | 553 | 2 | 601 |
| Brownsville HSDA | 36 | 874.8 | 42 | 984.7 | 25 | 575.7 | 35 | 793.8 | 42 | 929.1 | 51 | 1117.4 |
| Bryan-College Sta. HSDA | 0 | 0 | 5 | 769.6 | 3 | 462.5 | 2 | 302.5 | 5 | 755.9 | 4 | 557.5 |
| Concho Plateau HSDA | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1083 | 2 | 526.6 | 1 | 258.8 |
| Corpus Christi HSDA | 8 | 400.1 | 8 | 380.1 | 12 | 558 | 5 | 226.1 | 14 | 620.9 | 11 | 481.2 |
| Dallas HSDA | 101 | 1053.1 | 98 | 1033.1 | 89 | 934.7 | 82 | 865.6 | 103 | 1068.3 | 80 | 818.7 |
| El Paso HSDA | 39 | 1435.6 | 31 | 1092.8 | 52 | 1826.1 | 35 | 1211.6 | 37 | 1251 | 35 | 1193.3 |
| Fort Worth HSDA | 16 | 377.2 | 26 | 615.3 | 17 | 396.7 | 28 | 639.5 | 23 | 521.4 | 25 | 548.6 |
| Galveston HSDA | 6 | 661.7 | 4 | 428.4 | 8 | 836.6 | 6 | 602.7 | 6 | 592.1 | 2 | 191.6 |
| Houston HSDA | 125 | 822.1 | 134 | 882.7 | 155 | 1023.2 | 127 | 829 | 170 | 1097.1 | 152 | 963.8 |
| Laredo HSDA | 6 | 383 | 11 | 709.1 | 8 | 473.3 | 15 | 880.1 | 9 | 509.3 | 11 | 632.9 |
| Lubbock HSDA | 0 | 0 | 4 | 383.9 | 10 | 938.1 | 5 | 459.9 | 6 | 538.9 | 9 | 773.2 |
| Lufkin HSDA | 1 | 276.2 | 2 | 551.1 | 2 | 549.9 | 1 | 247.6 | 2 | 551.9 | 1 | 274 |
| Permian Basin HSDA | 7 | 560.5 | 4 | 300.8 | 12 | 809.9 | 5 | 316.8 | 4 | 248.6 | 10 | 589 |
| San Antonio HSDA | 81 | 1031.3 | 81 | 1001.1 | 82 | 975.9 | 102 | 1186.8 | 102 | 1166.7 | 104 | 1155 |
| Sherman-Denison HSDA | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 635.4 | 1 | 628.7 | 0 | 0 |
| Temple-Killeen HSDA | 3 | 536.1 | 5 | 875.6 | 9 | 1471.1 | 0 | 0 | 5 | 748.8 | 4 | 625.1 |
| Texarkana HSDA | 2 | 926.6 | 1 | 465.2 | 1 | 459.5 | 0 | 0 | 3 | 1353.4 | 2 | 884.2 |
| Tyler HSDA | 3 | 417.9 | 3 | 401.4 | 2 | 279.5 | 3 | 377.7 | 2 | 278.3 | 3 | 385 |
| Uvalde HSDA | 3 | 338.6 | 2 | 257.4 | 1 | 124.3 | 2 | 240.4 | 3 | 325.9 | 0 | 0 |
| Victoria HSDA | 1 | 261.2 | 1 | 250.8 | 1 | 243.4 | 0 | 0 | 1 | 231.8 | 2 | 457.3 |
| Waco HSDA | 1 | 205.1 | 2 | 408.5 | 1 | 203.9 | 1 | 181.3 | 2 | 399.2 | 4 | 751.9 |
| Wichita Falls HSDA | 1 | 397.5 | 0 | 0 | 1 | 378.8 | 0 | 0 | 1 | 370.8 | 0 | 0 |
| ICE | 5 | 0 | 8 | 0 | 7 | 0 | 16 | 0 | 18 | 0 | 20 | 0 |
| FED PRISON | 2 | 0 | 2 | 0 | 8 | 0 | 7 | 0 | 7 | 0 | 9 | 0 |
| TDCJ | 11 | 0 | 8 | 0 | 10 | 0 | 5 | 0 | 4 | 0 | 5 | 0 |

Table 8: Annual new diagnoses in young Black and Hispanic MSM and MSM/IDU by area of residence*

New HIV Diagnoses in Hispanic MSM age 13-29 by HSDA, 2006-2015

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Abilene HSDA | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 2 |
| Amarillo HSDA | 2 | 1 | 4 | 2 | 1 | 5 | 2 | 6 | 1 | 6 |
| Austin HSDA | 28 | 31 | 31 | 24 | 29 | 42 | 55 | 43 | 63 | 68 |
| Beaumont-Port Arthur HSDA | 2 | 0 | 2 | 3 | 0 | 3 | 4 | 1 | 2 | 2 |
| Brownsville HSDA | 22 | 19 | 28 | 35 | 36 | 43 | 25 | 36 | 45 | 55 |
| Bryan-College Sta. HSDA | 1 | 1 | 1 | 2 | 0 | 5 | 3 | 2 | 5 | 5 |
| Concho Plateau HSDA | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 4 | 2 | 1 |
| Corpus Christi HSDA | 1 | 6 | 3 | 3 | 8 | 8 | 13 | 7 | 15 | 11 |
| Dallas HSDA | 51 | 63 | 59 | 79 | 102 | 100 | 93 | 86 | 105 | 82 |
| El Paso HSDA | 14 | 23 | 16 | 16 | 40 | 33 | 54 | 36 | 38 | 35 |
| Fort Worth HSDA | 9 | 10 | 20 | 21 | 16 | 29 | 17 | 28 | 23 | 25 |
| Galveston HSDA | 2 | 4 | 0 | 8 | 6 | 4 | 8 | 6 | 6 | 2 |
| Houston HSDA | 66 | 94 | 105 | 119 | 128 | 140 | 159 | 131 | 176 | 157 |
| Laredo HSDA | 4 | 2 | 12 | 4 | 6 | 11 | 8 | 16 | 9 | 11 |
| Lubbock HSDA | 3 | 3 | 0 | 5 | 0 | 5 | 10 | 5 | 8 | 11 |
| Lufkin HSDA | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 |
| Permian Basin HSDA | 0 | 2 | 6 | 2 | 7 | 4 | 12 | 5 | 4 | 10 |
| San Antonio HSDA | 43 | 56 | 66 | 81 | 83 | 85 | 84 | 109 | 107 | 107 |
| Sherman-Denison HSDA | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Temple-Killeen HSDA | 2 | 1 | 4 | 5 | 3 | 5 | 9 | 0 | 5 | 4 |
| Texarkana HSDA | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 3 | 2 |
| Tyler HSDA | 2 | 4 | 2 | 6 | 3 | 3 | 2 | 4 | 2 | 3 |
| Uvalde HSDA | 2 | 3 | 2 | 3 | 3 | 2 | 1 | 2 | 3 | 0 |
| Victoria HSDA | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| Waco HSDA | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 4 |
| Wichita Falls HSDA | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| ICE | 1 | 0 | 1 | 4 | 5 | 8 | 7 | 17 | 18 | 20 |
| FED PRISON | 3 | 0 | 0 | 2 | 2 | 2 | 8 | 7 | 7 | 9 |
| TDCJ | 2 | 2 | 3 | 8 | 11 | 8 | 10 | 5 | 4 | 5 |
| All* | 264 | 324 | 369 | 436 | 495 | 550 | 589 | 559 | 657 | 637 |

* Transmission categories are estimated, column values may not sum to the column total.

New diagnoses in Black MSM age 13-29 by HSDA, Texas 2006-2015

| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|
| Abilene HSDA | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| Amarillo HSDA | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 5 |
| Austin HSDA | 11 | 13 | 9 | 15 | 15 | 15 | 19 | 13 | 22 | 18 |
| Beaumont-Port Arthur HSDA | 6 | 7 | 7 | 12 | 8 | 9 | 12 | 14 | 12 | 2 |
| Brownsville | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bryan-College Sta. HSDA | 2 | 2 | 5 | 10 | 5 | 5 | 6 | 3 | 8 | 7 |
| Concho Plateau HSDA | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 1 |
| Corpus Christi HSDA | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Dallas HSDA | 107 | 97 | 124 | 132 | 173 | 156 | 165 | 172 | 180 | 201 |
| El Paso HSDA | 0 | 2 | 1 | 1 | 4 | 3 | 6 | 2 | 5 | 3 |
| Fort Worth HSDA | 23 | 36 | 36 | 38 | 29 | 51 | 43 | 36 | 47 | 60 |
| Galveston HSDA | 2 | 7 | 4 | 13 | 6 | 7 | 3 | 6 | 13 | 12 |
| Houston HSDA | 117 | 135 | 199 | 204 | 211 | 179 | 220 | 272 | 220 | 244 |
| Laredo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubbock HSDA | 1 | 1 | 0 | 1 | 2 | 3 | 2 | 3 | 2 | 5 |
| Lufkin HSDA | 3 | 1 | 3 | 4 | 4 | 5 | 4 | 5 | 6 | 5 |
| Permian Basin HSDA | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 0 |
| San Antonio HSDA | 7 | 11 | 7 | 16 | 16 | 11 | 17 | 20 | 16 | 25 |
| Sherman-Denison HSDA | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 |
| Temple-Killeen HSDA | 5 | 6 | 12 | 13 | 9 | 14 | 18 | 15 | 14 | 7 |
| Texarkana HSDA | 2 | 2 | 0 | 1 | 5 | 3 | 3 | 3 | 6 | 4 |
| Tyler HSDA | 5 | 11 | 10 | 19 | 10 | 10 | 10 | 13 | 18 | 8 |
| Uvalde | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Victoria HSDA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Waco HSDA | 5 | 4 | 4 | 5 | 4 | 5 | 1 | 4 | 3 | 4 |
| Wichita Falls HSDA | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 0 |
| ICE | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 6 | 6 | 7 |
| FED PRISON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| TDCJ | 1 | 5 | 13 | 23 | 23 | 14 | 11 | 11 | 11 | 11 |
| All* | 298 | 338 | 437 | 510 | 526 | 496 | 545 | 604 | 594 | 631 |

* Transmission categories are estimated, column values may not sum to the column total.

Syphilis Co-Infection

These tables show primary, secondary, and early latent syphilis diagnoses in the targeted groups made between 2006 and 2015. The total number of syphilis diagnoses in these PLWH is shown in the first table. These syphilis diagnoses occurred both before and after HIV diagnoses. In the other tables, the counts of syphilis diagnoses in the rows marked *HIV neg* were made before the HIV diagnoses, *HIV +* means the syphilis diagnosis came after the HIV diagnosis, and *concurrent* means the syphilis and HIV diagnoses were made at the same time.

Table 9: Early Syphilis Diagnoses in Black and Hispanic MSM ages 13-29, 2006-2015

| | Black | | Hispanic | |
|---------------------------|-----------|-----------|-----------|-----------|
| | 2006-2010 | 2011-2015 | 2006-2010 | 2011-2015 |
| Abilene HSDA | 5 | 0 | 5 | 4 |
| Amarillo HSDA | 1 | 5 | 5 | 20 |
| Austin HSDA | 63 | 70 | 101 | 277 |
| Beaumont-Port Arthur HSDA | 40 | 44 | 3 | 6 |
| Brownsville HSDA | | | 55 | 75 |
| Bryan-College Sta. HSDA | 14 | 21 | 4 | 5 |
| Concho Plateau HSDA | 0 | 3 | 2 | 14 |
| Corpus Christi HSDA | 2 | 3 | 30 | 90 |
| Dallas HSDA | 414 | 586 | 98 | 258 |
| El Paso HSDA | 0 | 4 | 33 | 118 |
| Fort Worth HSDA | 123 | 273 | 42 | 147 |
| Galveston HSDA | 26 | 29 | 11 | 20 |
| Houston HSDA | 566 | 666 | 196 | 367 |
| Laredo HSDA | | | 4 | 10 |
| Lubbock HSDA | 13 | 11 | 16 | 36 |
| Lufkin HSDA | 14 | 22 | 1 | 2 |
| Permian Basin HSDA | 1 | 5 | 10 | 49 |
| San Antonio HSDA | 31 | 62 | 252 | 509 |
| Sherman-Denison HSDA | 0 | 1 | | |
| Temple-Killeen HSDA | 24 | 41 | 4 | 12 |
| Texarkana HSDA | 5 | 7 | 0 | 2 |
| Tyler HSDA | 15 | 31 | 2 | 4 |
| Uvalde HSDA | | | 2 | 12 |
| Victoria HSDA | 2 | 4 | 5 | 9 |
| Waco HSDA | 10 | 11 | 3 | 4 |
| Wichita Falls HSDA | 0 | 6 | 1 | 2 |

Table 10: Early Syphilis Diagnoses in Hispanic MSM ages 13-29 by HIV status, 2006-2015

| | | Year of Diagnosis | | | | | | | | | |
|----------------------|------------|-------------------|------|------|------|------|------|------|------|------|------|
| | | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| Abilene | HIV neg | 0 | 0 | 1 | 1 | 3 | 3 | 1 | 0 | 0 | 0 |
| Amarillo | HIV neg | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 3 | 6 | 3 |
| | HIV + | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 |
| | Concurrent | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| | All | 2 | 0 | 2 | 1 | 0 | 2 | 2 | 4 | 8 | 4 |
| Austin | HIV neg | 13 | 4 | 19 | 20 | 18 | 24 | 32 | 40 | 34 | 44 |
| | HIV + | 1 | 6 | 3 | 4 | 5 | 6 | 20 | 19 | 15 | 21 |
| | Concurrent | 1 | 1 | 3 | 0 | 3 | 1 | 3 | 6 | 4 | 8 |
| | All | 15 | 11 | 25 | 24 | 26 | 31 | 55 | 65 | 53 | 73 |
| Beaumont-Port Arthur | HIV neg | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 2 | 0 |
| | HIV + | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | Concurrent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | All | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 3 | 1 |
| Brownsville | HIV neg | 12 | 6 | 9 | 7 | 5 | 7 | 5 | 7 | 8 | 13 |
| | HIV + | 6 | 1 | 0 | 0 | 2 | 4 | 1 | 2 | 2 | 5 |
| | Concurrent | 2 | 2 | 1 | 0 | 2 | 3 | 1 | 2 | 8 | 7 |
| | All | 20 | 9 | 10 | 7 | 9 | 14 | 7 | 11 | 18 | 25 |
| Bryan-College Sta. | HIV neg | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 2 | 0 | 2 |
| | HIV + | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | All | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 2 |
| Concho Plateau | HIV neg | 0 | 2 | 0 | 0 | 0 | 1 | 4 | 2 | 3 | 4 |
| | All | 0 | 2 | 0 | 0 | 0 | 1 | 4 | 2 | 3 | 4 |
| Corpus Christi | HIV neg | 3 | 7 | 3 | 2 | 13 | 15 | 24 | 14 | 9 | 14 |
| | HIV + | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 2 |
| | Concurrent | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 3 | 1 | 0 |
| | All | 4 | 7 | 3 | 2 | 14 | 17 | 26 | 18 | 13 | 16 |
| Dallas | HIV neg | 6 | 8 | 10 | 19 | 35 | 28 | 30 | 30 | 25 | 45 |
| | HIV + | 2 | 1 | 0 | 2 | 7 | 11 | 8 | 11 | 21 | 24 |
| | Concurrent | 1 | 0 | 1 | 4 | 2 | 1 | 6 | 6 | 7 | 5 |
| | All | 9 | 9 | 11 | 25 | 44 | 40 | 44 | 47 | 53 | 74 |
| El Paso | HIV neg | 2 | 6 | 2 | 8 | 4 | 9 | 4 | 15 | 17 | 33 |
| | HIV + | 1 | 1 | 1 | 0 | 2 | 2 | 6 | 3 | 9 | 12 |
| | Concurrent | 3 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 5 |
| | All | 6 | 8 | 3 | 9 | 7 | 12 | 11 | 19 | 26 | 50 |

| | | Year of Diagnosis | | | | | | | | | |
|---------------|------------|-------------------|------|------|------|------|------|------|------|------|------|
| | | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| Fort Worth | HIV neg | 1 | 1 | 4 | 12 | 7 | 15 | 18 | 14 | 24 | 21 |
| | HIV + | 0 | 0 | 1 | 2 | 4 | 4 | 7 | 11 | 7 | 9 |
| | Concurrent | 1 | 1 | 0 | 3 | 5 | 2 | 3 | 5 | 2 | 5 |
| | All | 2 | 2 | 5 | 17 | 16 | 21 | 28 | 30 | 33 | 35 |
| Galveston | HIV neg | 1 | 2 | 5 | 2 | 0 | 3 | 3 | 1 | 5 | 4 |
| | HIV + | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | Concurrent | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| | All | 1 | 2 | 5 | 2 | 1 | 4 | 4 | 1 | 6 | 5 |
| Houston | HIV neg | 21 | 25 | 27 | 21 | 33 | 28 | 44 | 26 | 35 | 74 |
| | HIV + | 5 | 11 | 9 | 7 | 8 | 6 | 23 | 13 | 23 | 42 |
| | Concurrent | 4 | 11 | 7 | 2 | 5 | 14 | 15 | 3 | 10 | 11 |
| | All | 30 | 47 | 43 | 30 | 46 | 48 | 82 | 42 | 68 | 127 |
| Laredo | HIV neg | 0 | 0 | 0 | 0 | 4 | 2 | 3 | 1 | 0 | 3 |
| | Concurrent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | All | 0 | 0 | 0 | 0 | 4 | 2 | 3 | 1 | 0 | 4 |
| Lubbock | HIV neg | 0 | 4 | 2 | 2 | 4 | 8 | 7 | 7 | 2 | 3 |
| | HIV + | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| | Concurrent | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 1 | 4 |
| | All | 0 | 4 | 2 | 5 | 5 | 9 | 10 | 7 | 3 | 7 |
| Lufkin | HIV neg | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| | All | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| Permian Basin | HIV neg | 0 | 2 | 0 | 1 | 6 | 6 | 5 | 7 | 3 | 21 |
| | HIV + | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |
| | Concurrent | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| | All | 0 | 2 | 0 | 1 | 7 | 7 | 5 | 9 | 4 | 24 |
| San Antonio | HIV neg | 26 | 19 | 20 | 48 | 55 | 44 | 64 | 71 | 53 | 50 |
| | HIV + | 6 | 3 | 8 | 19 | 18 | 17 | 33 | 42 | 38 | 46 |
| | Concurrent | 1 | 3 | 6 | 15 | 5 | 6 | 15 | 14 | 10 | 6 |
| | All | 33 | 25 | 34 | 82 | 78 | 67 | 112 | 127 | 101 | 102 |

| | | Year of Diagnosis | | | | | | | | | |
|----------------|------------|-------------------|------|------|------|------|------|------|------|------|------|
| | | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| Temple-Killeen | HIV neg | 0 | 0 | 0 | 2 | 1 | 2 | 1 | 3 | 2 | 1 |
| | HIV + | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| | Concurrent | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| | All | 0 | 0 | 0 | 3 | 1 | 3 | 2 | 3 | 3 | 1 |
| Texarkana | Concurrent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | All | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Tyler | HIV neg | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 1 | 0 | 1 |
| | All | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 1 | 0 | 1 |
| Uvalde | HIV neg | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 4 | 1 | 4 |
| | HIV + | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | All | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 4 | 1 | 5 |
| Victoria | HIV neg | 0 | 4 | 1 | 0 | 0 | 1 | 1 | 3 | 2 | 0 |
| | HIV + | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| | All | 0 | 4 | 1 | 0 | 0 | 2 | 1 | 3 | 3 | 0 |
| Waco | HIV neg | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| | HIV + | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| | All | 2 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| Wichita Falls | HIV neg | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| | All | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |

Table 11: Early Syphilis Diagnoses in Black MSM ages 13-29 by HIV status, 2006-2015

| | | Year of Diagnosis | | | | | | | | | |
|---------------------------|------------|-------------------|------|------|------|------|------|------|------|------|------|
| | | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| Abilene HSDA | HIV neg | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | HIV + | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | All | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Amarillo HSDA | HIV neg | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 1 |
| | HIV + | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | All | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 3 |
| Austin HSDA | HIV neg | 3 | 6 | 9 | 8 | 9 | 11 | 3 | 9 | 11 | 7 |
| | HIV + | 6 | 2 | 2 | 4 | 5 | 3 | 6 | 4 | 5 | 5 |
| | Concurrent | 3 | 0 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 3 |
| | All | 12 | 8 | 13 | 14 | 16 | 16 | 9 | 13 | 17 | 15 |
| Beaumont-Port Arthur HSDA | HIV neg | 0 | 5 | 4 | 11 | 4 | 3 | 4 | 6 | 7 | 6 |
| | HIV + | 1 | 1 | 3 | 3 | 2 | 1 | 4 | 2 | 3 | 0 |
| | Concurrent | 0 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 1 |
| | All | 1 | 8 | 9 | 15 | 7 | 5 | 10 | 10 | 12 | 7 |
| Bryan-College Sta. HSDA | HIV neg | 0 | 0 | 1 | 1 | 6 | 2 | 1 | 0 | 4 | 2 |
| | HIV + | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 4 | 1 |
| | Concurrent | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 3 | 0 |
| | All | 0 | 0 | 1 | 2 | 11 | 4 | 3 | 0 | 11 | 3 |
| Concho Plateau HSDA | HIV neg | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| | All | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| Corpus Christi HSDA | HIV neg | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 |
| | HIV + | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | All | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 2 | 0 |
| Dallas HSDA | HIV neg | 45 | 36 | 39 | 60 | 47 | 47 | 52 | 36 | 36 | 37 |
| | HIV + | 16 | 16 | 25 | 39 | 28 | 44 | 46 | 65 | 80 | 82 |
| | Concurrent | 7 | 10 | 7 | 25 | 14 | 13 | 11 | 14 | 14 | 9 |
| | All | 68 | 62 | 71 | 124 | 89 | 104 | 109 | 115 | 130 | 128 |
| El Paso HSDA | HIV neg | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| | HIV + | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | All | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| Fort Worth HSDA | HIV neg | 5 | 12 | 6 | 11 | 20 | 26 | 23 | 13 | 15 | 26 |
| | HIV + | 6 | 3 | 4 | 11 | 18 | 16 | 22 | 25 | 29 | 40 |
| | Concurrent | 2 | 3 | 7 | 7 | 8 | 10 | 5 | 3 | 12 | 8 |
| | All | 13 | 18 | 17 | 29 | 46 | 52 | 50 | 41 | 56 | 74 |

| | | Year of Diagnosis | | | | | | | | | |
|----------------------|------------|-------------------|------|------|------|------|------|------|------|------|------|
| | | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| Galveston HSDA | HIV neg | 1 | 4 | 0 | 2 | 5 | 4 | 3 | 4 | 4 | 4 |
| | HIV + | 1 | 1 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 0 |
| | Concurrent | 0 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 2 | 2 |
| | All | 2 | 7 | 3 | 6 | 8 | 4 | 4 | 6 | 9 | 6 |
| Houston HSDA | HIV neg | 61 | 54 | 57 | 63 | 55 | 44 | 59 | 39 | 59 | 60 |
| | HIV + | 30 | 37 | 45 | 37 | 37 | 47 | 55 | 40 | 68 | 83 |
| | Concurrent | 18 | 13 | 18 | 24 | 17 | 24 | 21 | 29 | 14 | 24 |
| | All | 109 | 104 | 120 | 124 | 109 | 115 | 135 | 108 | 141 | 167 |
| Lubbock HSDA | HIV neg | 0 | 2 | 0 | 2 | 6 | 3 | 0 | 1 | 3 | 0 |
| | HIV + | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 1 |
| | Concurrent | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | All | 0 | 2 | 0 | 3 | 8 | 3 | 1 | 3 | 3 | 1 |
| Lufkin HSDA | HIV neg | 3 | 1 | 0 | 3 | 5 | 0 | 1 | 1 | 3 | 7 |
| | HIV + | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 2 | 1 | 2 |
| | Concurrent | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 |
| | All | 3 | 1 | 0 | 5 | 5 | 2 | 2 | 5 | 4 | 9 |
| Permian Basin HSDA | HIV neg | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| | HIV + | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| | All | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 3 |
| San Antonio HSDA | HIV neg | 6 | 3 | 5 | 4 | 3 | 6 | 2 | 8 | 10 | 7 |
| | HIV + | 1 | 0 | 0 | 1 | 4 | 0 | 7 | 7 | 5 | 6 |
| | Concurrent | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 2 |
| | All | 7 | 4 | 6 | 6 | 8 | 6 | 9 | 16 | 16 | 15 |
| Sherman-Denison HSDA | HIV neg | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | All | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Temple-Killeen HSDA | HIV neg | 0 | 1 | 2 | 3 | 7 | 3 | 3 | 4 | 2 | 2 |
| | HIV + | 0 | 0 | 1 | 3 | 2 | 0 | 3 | 9 | 7 | 1 |
| | Concurrent | 0 | 1 | 0 | 1 | 3 | 1 | 1 | 3 | 2 | 0 |
| | All | 0 | 2 | 3 | 7 | 12 | 4 | 7 | 16 | 11 | 3 |
| Texarkana HSDA | HIV neg | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| | HIV + | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 2 |
| | All | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 0 | 1 | 4 |
| Tyler HSDA | HIV neg | 2 | 1 | 3 | 0 | 2 | 2 | 3 | 4 | 4 | 1 |
| | HIV + | 0 | 0 | 2 | 0 | 1 | 4 | 7 | 0 | 0 | 4 |
| | Concurrent | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 1 | 0 |
| | All | 2 | 2 | 6 | 2 | 3 | 7 | 10 | 4 | 5 | 5 |
| Victoria HSDA | HIV neg | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 2 | 0 |
| | HIV + | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | All | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 2 | 0 |

| | | Year of Diagnosis | | | | | | | | | |
|--------------------|------------|-------------------|------|------|------|------|------|------|------|------|------|
| | | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| Waco HSDA | HIV neg | 0 | 0 | 3 | 0 | 2 | 4 | 0 | 0 | 0 | 1 |
| | HIV + | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| | Concurrent | 1 | 0 | 1 | 0 | 1 | 3 | 0 | 1 | 0 | 0 |
| | All | 2 | 0 | 4 | 0 | 4 | 8 | 0 | 2 | 0 | 1 |
| Wichita Falls HSDA | HIV neg | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 3 |
| | HIV + | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | All | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 3 |

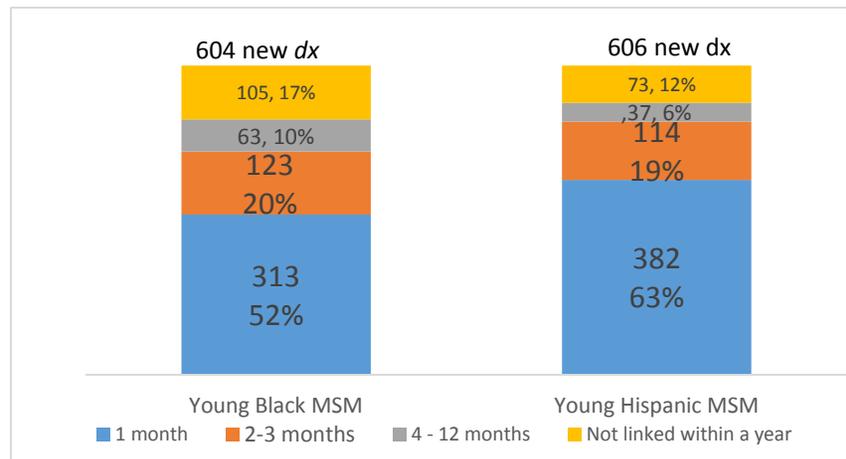
Supplemental Information for 17-1704

Linkage to HIV treatment and treatment outcomes for young Black and Hispanic MSM newly diagnosed in 2015

This information is a supplement on linkage and health outcomes in young Black and Hispanic MSM; young is defined as those 13-29 years old. We have included information on localities as well as statewide information when the data are sufficient to create reliable data on that area.

Linkage to medical care after an HIV diagnosis is the first step in getting the treatment needed to live a long, healthy, and productive life, and it is important that care not be delayed. For linkage analysis, we use four markers of care: CD4 and viral load tests, filled prescriptions for ART, and outpatient visits. Information from disease

Figure 1: Timely linkage to HIV care for newly diagnosed young Black and Hispanic MSM, 2015



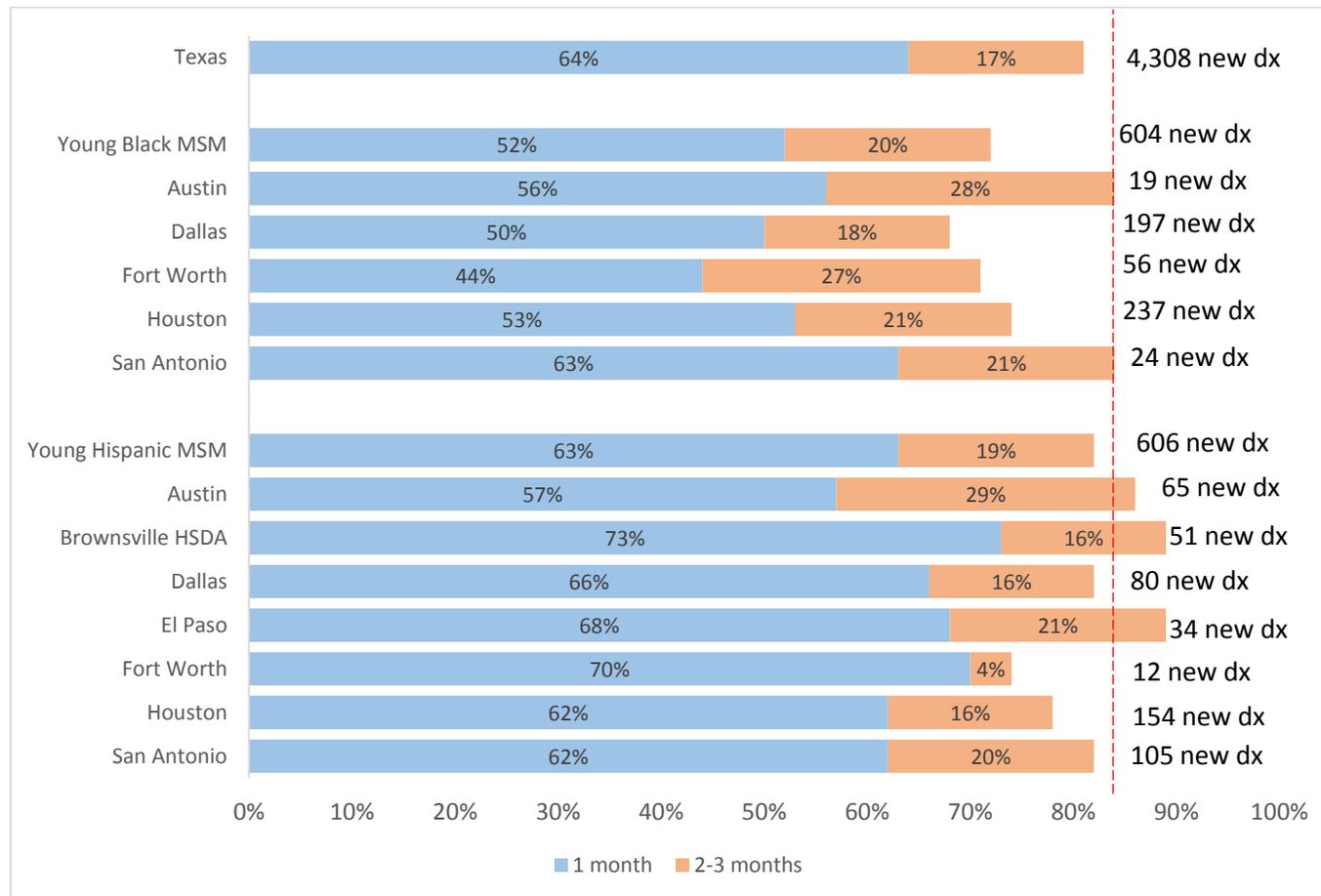
surveillance is matched against information on treatment from public and private health plans and publicly-funded HIV treatment programs to look for markers of care. The first date after diagnosis for any of these markers is the linkage date. Timely linkage requires evidence of care within three months of the first reported diagnosis. Please note that the counts of new diagnoses in this section exclude people who died before the end of the year of their diagnosis, so these figures will not match other counts in reports on young MSM. Note also that 2015 linkage data are considered

preliminary; the numbers and percentages with no linkage or very late linkage will drop as updated data become available.

Figure 1 shows that about seven in ten young Black MSM and eight in 10 young Hispanic MSM. More than half of the young Black MSM three out of five young Hispanic MSM were linked within one month of their diagnosis.

Finally, cumulative linkage rates for 2012-2014 are shown for selected demographic and risk groups and geographic areas in Figure 2; the dotted line marks 85% linkage. This chart shows lower linkage for Black MSM, as discussed above, and for those who were 34 or younger at the time of their diagnosis. The lower linkage rates for Blacks and younger persons are driven by late linkage in Black MSM, who make up the majority of new diagnoses in these groups.

Figure 2: Timely linkage to care after HIV diagnosis by selected characteristics, Texas 2012-2014



HIV Treatment Cascades

HIV care can be thought of as a continuum from diagnosis to linkage to care, initiation of antiretroviral treatment (ART), retention in care and eventual viral suppression. The Texas Treatment Cascade is a way to visualize the number of Texans with HIV at each step of the continuum and better understand where Texans ‘fall off’ the

continuum. Diagnosis and linkage to treatment have been described in earlier sections; this section contains information on retention in treatment, prescription of antiviral medication (ART), and viral suppression.

The 2015 Texas HIV Treatment Cascade for young Black and Hispanic MSM produced by DSHS has four bars. The first is the number of people living with diagnosed HIV infections as of the end of 2015.¹ The second bar, shows the number of diagnosed PLWH who had at least one episode of HIV-related medical care. The third bar shows the number of diagnosed PLWH who were retained in care, defined as having two or more visits at least 90 days apart or being virally suppressed at the end of the year regardless of how many visits they had. The final bar shows the number of diagnosed PLWH who had a suppressed viral load at the end of calendar 2014.²

The markers used to assess participation in treatment are the same used to measure linkage: CD4 and viral load tests, ART prescriptions, and outpatient medical visits, but all PLWH are included rather than only those with new diagnoses. Viral suppression is assessed using viral load lab results collected during routine disease surveillance.

As a point of reference, the cascade for Texas for 2015 indicates that about 77% of Texans with a diagnosed HIV infection have at least one medical visit for HIV treatment, about 69% were retained in treatment across the year, and that 59% had suppressed viral load at the end of 2015.

In 2015, about three out of four young Black MSM living with a diagnosed HIV infection had some treatment for their infections, meaning that one in four had no treatment at all in 2015. Almost three in five had two or more episodes of treatment, and about two in five had suppressed viral load at the end of 2015. The proportion of young Black MSM who had any care at all was similar to the figure for Texas overall, and so was the retention figure. However, the level of suppressed viral load in young Black MSM is much lower. The cascade figures for young Hispanic MSM are very similar to those for the state overall.

¹ The 2015 Texas HIV Treatment Cascade is based on reported cases of people diagnosed with HIV infection and living as of the end of 2015 rather than total prevalence (diagnosed + undiagnosed PLWH) while DSHS validates the CDC's methods of calculating point estimates of total prevalence.

² A bar for linkage to care is not shown because it is based on new diagnoses rather than diagnosed PLWH.

Figure 3: 2015 Texas HIV Treatment Cascade for young Black MSM

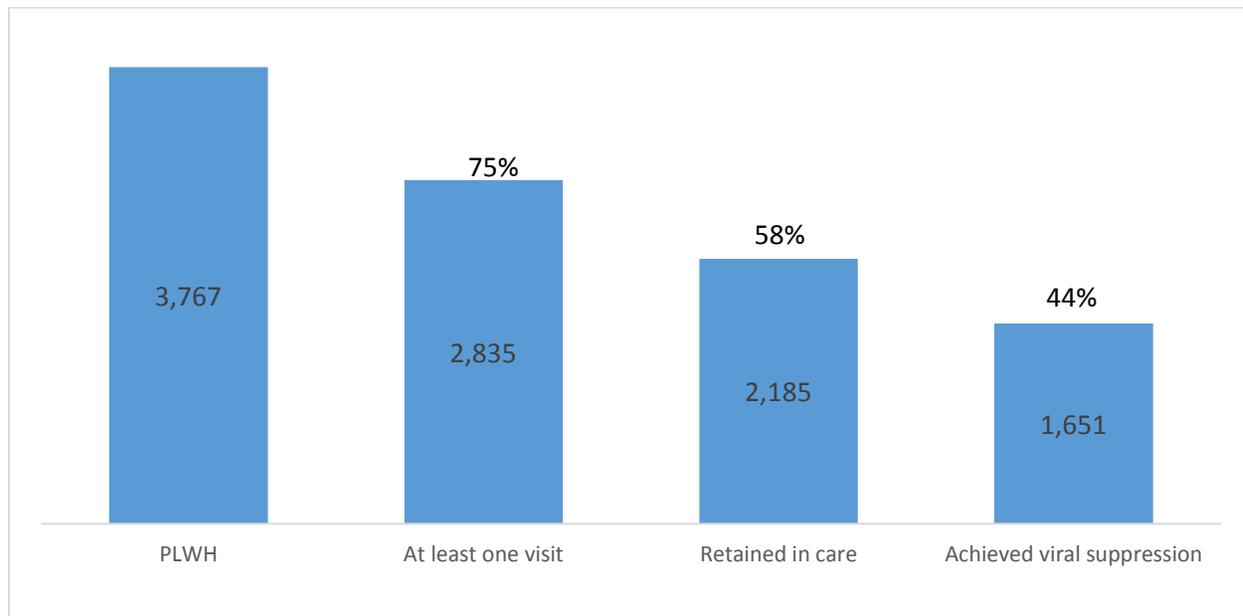
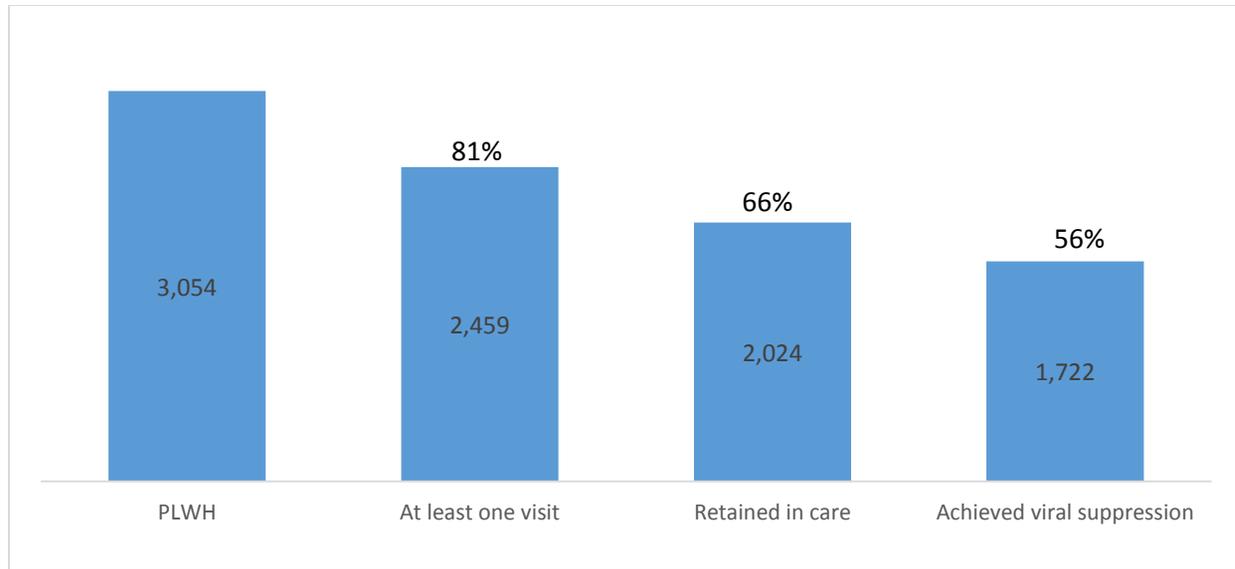


Figure 4: The Texas treatment cascade for young Hispanic MSM, 2015



Cascade outcomes are shown for selected geographic areas in Table 13 and Table 14. Outcomes are better for young Hispanic MSM than for young Black MSM.

Table 13: Treatment Cascades for young Black MSM in selected areas of Texas, 2015

| | PLWH | At least one visit | | Retained in care | | Suppressed viral load | |
|------------------------|-------------|---------------------------|-----|-------------------------|-----|------------------------------|-----|
| | Number | Number | % | Number | % | Number | % |
| Austin HSDA | 104 | 85 | 82% | 71 | 68% | 62 | 60% |
| Dallas HSDA | 1,159 | 887 | 77% | 694 | 60% | 530 | 46% |
| Fort Worth HSDA | 303 | 228 | 75% | 174 | 57% | 133 | 44% |
| Houston HSDA | 1,538 | 1,185 | 77% | 904 | 59% | 697 | 45% |
| San Antonio | 117 | 80 | 68% | 63 | 54% | 53 | 45% |

Table 14: Treatment Cascades for young Hispanic MSM in selected areas of Texas, 2015

| | PLWH | At least one visit | | Retained in care | | Suppressed viral load | |
|-------------------------|-------------|---------------------------|-----|-------------------------|-----|------------------------------|-----|
| | Number | Number | % | Number | % | Number | % |
| Austin HSDA | 273 | 233 | 85% | 191 | 70% | 168 | 62% |
| Brownsville HSDA | 189 | 161 | 85% | 131 | 69% | 120 | 63% |
| Dallas HSDA | 514 | 421 | 82% | 356 | 69% | 307 | 60% |
| El Paso HSDA | 180 | 147 | 82% | 122 | 68% | 103 | 57% |
| Fort Worth | 135 | 108 | 80% | 94 | 70% | 85 | 63% |
| Houston HSDA | 813 | 650 | 80% | 531 | 65% | 454 | 56% |
| San Antonio HSDA | 522 | 421 | 81% | 350 | 67% | 285 | 55% |