|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplemental Digital Content 2. Characteristics of Spencer Cox Center (SCC) patients lost to care from SCC: ≥1 clinic visit in 2010 or 2011 and no clinic visits in 2012 based on EMR data** | | | | | | | | |
|  |  | | **Care status1** | | | | | |
|  | **Overall** | | **Lost to care in NYC** | | **Patient died** | | **Patient in care at alternate provider** | |
|  | **N** | **%** | **N** | **%** | **N** | **%** | **N** | **%** |
| **Total** | **1,277** | **100.0** | **458** | **100.0** | **197** | **100.0** | **622** | **100.0** |
| **Sex** |  |  |  |  |  |  |  |  |
| Male | 971 | 76.0 | 367 | 80.1 | 138 | 70.1 | 466 | 74.9 |
| Female | 306 | 24.0 | 91 | 19.9 | 59 | 29.9 | 156 | 25.1 |
| **Race/Ethnicity** |  |  |  |  |  |  |  |  |
| Black | 648 | 50.7 | 225 | 49.1 | 95 | 48.2 | 328 | 52.7 |
| Hispanic | 419 | 32.8 | 134 | 29.3 | 75 | 38.1 | 210 | 33.8 |
| White | 198 | 15.5 | 89 | 19.4 | 27 | 13.7 | 82 | 13.2 |
| Asian/Pacific Islander | 7 | 0.5 | 6 | 1.3 | 0 | 0.0 | 1 | 0.2 |
| Other/Unknown2 | 5 | 0.4 | 4 | 0.9 | 0 | 0.0 | 1 | 0.2 |
| **Age group (years)**  **as of most recent SCC visit** |  |  |  |  |  |  |  |  |
| 18-29 | 135 | 10.6 | 76 | 16.6 | 7 | 3.6 | 52 | 8.4 |
| 30-39 | 203 | 15.9 | 91 | 19.9 | 15 | 7.6 | 97 | 15.6 |
| 40-49 | 493 | 38.6 | 190 | 41.5 | 55 | 27.9 | 248 | 39.9 |
| 50-59 | 355 | 27.8 | 86 | 18.8 | 80 | 40.6 | 189 | 30.4 |
| 60+ | 91 | 7.1 | 15 | 3.3 | 40 | 20.3 | 36 | 5.8 |
| **Year of HIV diagnosis** |  |  |  |  |  |  |  |  |
| ≤ 1996 | 452 | 35.4 | 108 | 23.6 | 102 | 51.8 | 242 | 38.9 |
| 1997-2000 | 309 | 24.2 | 119 | 26.0 | 46 | 23.4 | 144 | 23.2 |
| 2001-2005 | 260 | 20.4 | 95 | 20.7 | 26 | 13.2 | 139 | 22.3 |
| 2006-2010 | 230 | 18.0 | 116 | 25.3 | 22 | 11.2 | 92 | 14.8 |
| 2011-2012 | 26 | 2.0 | 20 | 4.4 | 1 | 0.5 | 5 | 0.8 |
| **Area-based poverty level3** |  |  |  |  |  |  |  |  |
| Low poverty (<10% below FPL) | 96 | 7.5 | 37 | 8.1 | 17 | 8.6 | 42 | 6.8 |
| Medium poverty (10 to <20% below FPL) | 363 | 28.4 | 122 | 26.6 | 68 | 34.5 | 173 | 27.8 |
| High poverty (20 to <30% below FPL) | 371 | 29.1 | 125 | 27.3 | 49 | 24.9 | 197 | 31.7 |
| Very high poverty (≥30% below FPL) | 397 | 31.1 | 132 | 28.8 | 62 | 31.5 | 203 | 32.6 |
| Area-based poverty level not available | 50 | 3.9 | 42 | 9.2 | 1 | 0.5 | 7 | 1.1 |
| **Transmission risk** |  |  |  |  |  |  |  |  |
| Men who have sex with men | 460 | 36.0 | 209 | 45.6 | 41 | 20.8 | 210 | 33.8 |
| *18-29* | *88* | *19.1* | *52* | *24.9* | *3* | *7.3* | *33* | *15.7* |
| *30-39* | *105* | *22.8* | *51* | *24.4* | *7* | *17.1* | *47* | *22.4* |
| *40-49* | *175* | *38.0* | *81* | *38.8* | *9* | *22.0* | *85* | *40.5* |
| *50-59* | *69* | *15.0* | *20* | *9.6* | *13* | *31.7* | *36* | *17.1* |
| *60+* | *23* | *5.0* | *5* | *2.4* | *9* | *22.0* | *9* | *4.3* |
| Injection drug use history | 344 | 26.9 | 79 | 17.2 | 82 | 41.6 | 183 | 29.4 |
| *18-29* | *5* | *1.5* | *3* | *3.8* | *0* | *0.0* | *2* | *1.1* |
| *30-39* | *26* | *7.6* | *7* | *8.9* | *2* | *2.4* | *17* | *9.3* |
| *40-49* | *121* | *35.2* | *34* | *43.0* | *21* | *25.6* | *66* | *36.1* |
| *50-59* | *152* | *44.2* | *28* | *35.4* | *45* | *54.9* | *79* | *43.2* |
| *60+* | *40* | *11.6* | *7* | *8.9* | *14* | *17.1* | *19* | *10.4* |
| Heterosexual4 | 220 | 17.2 | 70 | 15.3 | 32 | 16.2 | 118 | 19.0 |
| Perinatal | 12 | 0.9 | 6 | 1.3 | 2 | 1.0 | 4 | 0.6 |
| Other | 1 | 0.1 | 0 | 0.0 | 0 | 0.0 | 1 | 0.2 |
| Unknown | 240 | 18.8 | 94 | 20.5 | 40 | 20.3 | 106 | 17.0 |
| **Virally suppressed (≤200 copies/mL)**  **at last SCC visit5** |  |  |  |  |  |  |  |  |
| Yes | 534 | 41.8 | 203 | 44.3 | 75 | 38.1 | 256 | 41.2 |
| No | 721 | 56.5 | 239 | 52.2 | 121 | 61.4 | 361 | 58.0 |
| Unknown - no VL on or before most recent visit | 22 | 1.7 | 16 | 3.5 | 1 | 0.5 | 5 | 0.8 |
|  |  |  |  |  |  |  |  |  |
| **Median viral load (copies/mL) among unsuppressed at last SCC visit (IQR)5** | 19,316 (3,299-73,508) | | 15,951 (2,686-68,987) | | 29,276 (5,209-100,000) | | 19,316 (3,078-66,330) | |
| **CD4 (cells/μL) at last SCC visit5** |  |  |  |  |  |  |  |  |
| ≤ 200 | 366 | 28.7 | 85 | 18.6 | 98 | 49.7 | 183 | 29.4 |
| 201 - 349 | 280 | 21.9 | 101 | 22.1 | 40 | 20.3 | 139 | 22.3 |
| 350 - 500 | 236 | 18.5 | 91 | 19.9 | 32 | 16.2 | 113 | 18.2 |
| ≥ 501 | 373 | 29.2 | 164 | 35.8 | 26 | 13.2 | 183 | 29.4 |
| Unknown - no CD4 on or before most recent visit | 22 | 1.7 | 17 | 3.7 | 1 | 0.5 | 4 | 0.6 |
|  |  |  |  |  |  |  |  |  |
| **Median CD4 cell count (cells/μL)**  **at last SCC visit (IQR)5** | 340 (168 - 536) | | 412 (235 - 589) | | 197.5 (68.5-402.5) | | 337.5 (168-529) | |
|  |  |  |  |  |  |  |  |  |
| **Care status as of December 31, 2012** |  |  |  |  |  |  |  |  |
| Follow-up needed: patient is alive and not in care at an alternate facility6 | 458 | 35.9 | 458 | 100.0 | 0 | 0.0 | 0 | 0.0 |
| No follow-up needed: patient is deceased | 197 | 15.4 | 0 | 0.0 | 197 | 100.0 | 0 | 0.0 |
| No follow-up needed: patient is in care at an alternate facility6 | 622 | 48.7 | 0 | 0.0 | 0 | 0.0 | 622 | 100.0 |
| FPL= Federal poverty level | | | | | | |  |  |
| Prepared September 2014 by the DOHMH BHIV Prevention and Control with data reported as of March 31, 2014 | | | | | | |  |  |
| 1Care status was categorized as either 1) follow-up needed: patient was living in 2012 and not in care at an alternate facility; or 2) No follow-up needed: patient was deceased in 2012 or in care at an alternate facility (see footnote 6). | | | | | | |  |  |
| 2Includes Native American and Multiracial. |  |  |  |  |  |  |  |  |
| 3Poverty level based on most recent NYC ZIP code of residence at most recent SCC visit 2010-2012. Not available for persons missing ZIP code information or living outside NYC. | | | | | | |  |  |
| 4Includes persons who had heterosexual sex with a person they know to be HIV-infected, an injection drug user, or a person who has received blood products. For females only, also includes history of prostitution, multiple sex partners, sexually transmitted disease, crack/cocaine use, sex with a bisexual male, probable heterosexual transmission as noted in medical chart, or sex with a male and negative history of injection drug use. | | | | | | |  |  |
| 5Viral suppression, median viral load, CD4 category and median CD4 count are determined by a patient's most recent CD4/VL test on or before their most recent SCC visit 2010 - 2012. | | | | | | | | |
| 6In care was defined as ≥2 CD4VL tests ≥90 days apart in 2012 ordered by the same provider in 2012 and reported to the NYC HIV Surveillance Registry. | | | | | | | | |