**Supplemental Table 1: Number and Percentage (%) of AFRICOS Study Visits with Participants with CD4 <200 cells/mm3 by Year and Country1**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Total |
| n/N2 (%) with CD4 <200 | 34/323 (10.5%) | 244/1,648 (19.1%) | 439/2,995 (14.7%) | 411/3,800 (10.8%) | 369/4,028 (9.16%) | 327/4,288 (7.6%)  | 237/4,100 (5.8%)  | 75/2,117 (3.5%)  | 61/1,960 (3.11%) | 2,197/25,259 (8.7%) |
| Uganda | 17/220 (7.7%) | 28/361 (7.76%) | 71/670 (10.6%) | 72/779 (9.2%) | 55/766 (7.2%) | 17/721 (2.4%) | 11/656 (1.7%) | 9/621 (1.4%) | 4/437 (0.9%)  | 284/5,231 (5.4%) |
| Kenya | 9/68 (13.2%) | 148/934 (15.8%) | 205/1,558 (13.2%) | 214/2,175 (9.8%) | 188/2,348 (8.0%) | 183/2,439 (7.5%) | 145/2,385 (6.1%) | 28/886 (3.2%) | 33/887 (3.7%)  | 1,153/13,680 (8.4%) |
| Tanzania | 4/19 (21.0%) | 50/244 (20.5%) | 101/418 (24.2%) | 87/514 (16.9%) | 97/620 (15.6%) | 98/747 (13.1%) | 60/715 (8.4%) | 31/455 (6.8%) |  15/334 (4.5%) | 543/4,066 (13.3%) |
| Nigeria | 4/16 (25.0%) | 18/109 (16.5%) | 62/349 (17.8%) | 38/332 (11.4%) | 29/294 (9.9%) | 29/381 (7.6%) | 21/344 (6.1%) | 7/155 (4.5%) | 9/302 (3.0%) | 217/2,282 (9.5%) |

1 Participants may contribute more than one measurement per calendar year

2 n (numerator) = number of visits with any CD4 <200, N (denominator) = number of visits with one or more CD4 assessments during that calendar year or in total, % refers to the percentage of visits with CD4 <200 cells/mm3 during that calendar year

**Supplemental Table 2: Number and Percentage of AFRICOS Study Visits with Participants on ART by Year and Country1**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Total |
| n/N (%) on ART2 | 259/323 (80.2%) | 1,398/ 1640 (85.2%) | 2,640/2992 (88.2%) | 3,611/3798 (95.1%) | 3,984/4,022 (99.1%) | 4,274/4,286 (99.7%) | 4,098/4099 (100%) | 862/862 (100%) |  130/130 (100.0%) | 21,256/ 22,152 (72.1%) |
| Uganda | 171/220 (77.7%) | 326/361 (90.3%) | 551/669 (82.4%) | 703/779 (90.2%) | 736/765 (96.2%) | 720/721 (99.9%) | 656/656 (100%) | 266/266 (100%) | 24/24 (100%) | 4,153/4,461 (93.1%) |
| Kenya | 56/68 (82.3%) | 773/927 (83.3%) | 1,490/1558 (95.6%) | 2,104/2,173(96.8%) | 2,342/2,345 (96.8%) | 2,438/2438 (100%) | 2,385/2385 (100%) | 430/430 (100%)  | 52/52 (100%) | 12,070/12,376 (82.8%) |
| Tanzania | 17/19 (89.5%) | 213/243 (87.6%) | 333/416 (80.0%) | 479/514 (93.2%) | 612/618 (99.0%) | 736/746 (98.7%) | 713/714 (99.9%) | 156/156 (100%) | 20/20 (100%) | 3,279/3,446 (95.1%) |
| Nigeria | 15/16 (93.8%) | 86/109 (78.9%) | 266/349(76.2%) | 325/332 (97.9%) | 294/294 (100%) | 380/381 (99.7%) | 344/344 (100%) | 10/10 (100%)  | 34/34 (100%) | 1,754/1,869 (93.8%) |

1 Participants may contribute more than one measurement per calendar year

2n (numerator) = number of visits on ART during that calendar year or in total, N (denominator) = number of visits during that calendar year or in total, % refers to the percentage of visits on ART during that calendar year or in total