TABLE 1. Characteristics of AGYW who were enrolled and consented to HSV-2 or HIV testing

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| --- | --- | --- | --- | --- |
|  | All AGYW | AGYW consent HSV-2/HIV testing baseline (2017) | AGYW consented to HSV-2/HIV testing at follow-up (2018/2019) |  |
|  | **n(%)** | **n(%)** | **All** **n(%)** | **Invited/received DREAMS by 2018** **n(%)** | **Never Invited/received DREAMS by 2018** **n(%)** | **Chi2 test p-value** |
| Total | **2184** | **2078 (95.1)** | **1957 (89.6)** | **1056 (54.0)** | **901 (46.0)** |  |
| Age group  |   |   |   |  |  | <0.001 |
| 13-14 | 460 (21.1) | 445 (20.4)  | 435 (22.2)  | 261 (24.7) | 174 (19.3) |  |
| 15-17 | 688 (31.5) | 667 (30.5)  | 638 (32.6)  | 430 (40.7) | 208 (23.1) |  |
| 18-19 | 475 (21.7) | 442 (20.2)  | 413 (21.1)  | 200 (18.9) | 213 (23.6) |  |
| 20-22 | 561 (25.7) | 524 (24.0)  | 471 (24.1)  | 165 (15.6) | 306 (34.0) |  |
| Currently in school |   |   |   |  |  | <0.001 |
| No | 540 (24.7) | 498 (22.8)  | 443 (22.6)  | 140 (13.3) | 303 (33.6) |  |
| Yes | 1644 (75.3) | 1580 (72.3)  | 1514 (77.4)  | 916 (86.7) | 598 (66.4) |  |
| Age and education |   |   |   |  |  | <0.001 |
| 13-17 or 18-22 & In school | 1664 (76.3) | 1600 (73.3)  | 1529 (78.2)  | 924 (87.5) | 605 (67.2) |  |
| 18-22 & Not completed secondary | 188 (8.6 ) | 175 (8.0 )  | 161 (8.2 )  | 52 (4.9 ) | 109 (12.1) |  |
| 18-22 & completed secondary | 330 (15.1) | 301 (13.8)  | 266 (13.6)  | 80 (7.6 ) | 186 (20.7) |  |
| Socio-economic status |   |   |   |  |  | 0.009 |
| Low | 727 (35.1) | 700 (32.1)  | 674 (35.8)  | 398 (38.9) | 276 (32.2) |  |
| Middle | 747 (36.0) | 717 (32.8)  | 677 (36.0)  | 354 (34.6) | 323 (37.6) |  |
| High | 600 (28.9) | 558 (25.5)  | 530 (28.2)  | 271 (26.5) | 259 (30.2) |  |
| Food insecurity |   |   |   |  |  | 0.077 |
| No | 1497 (68.7) | 1419 (65.0)  | 1342 (68.8)  | 742 (70.5) | 600 (66.7) |  |
| Yes | 682 (31.3) | 656 (30.0)  | 610 (31.3)  | 311 (29.5) | 299 (33.3) |  |
| Geographic area |   |   |   |  |  | <0.001 |
| Rural | 1388 (64.1) | 1325 (60.7)  | 1252 (64.6)  | 724 (69.2) | 528 (59.1) |  |
| Peri-urban/urban | 777 (35.9) | 734 (33.6)  | 687 (35.4)  | 322 (30.8) | 365 (40.9) |  |
| Migrated/moved |   |   |   |  |  | <0.001 |
| No | 1781 (81.5) | 1703 (78.0)  | 1616 (82.6)  | 911 (86.3) | 705 (78.2) |  |
| Yes | 403 (18.5) | 375 (17.2)  | 341 (17.4)  | 145 (13.7) | 196 (21.8) |  |
| Ever had sex, ever pregnant |   |   |   |  |  | <0.001 |
| Never had sex | 1273 (58.7) | 1209 (55.4)  | 1174 (60.4)  | 722 (68.6) | 452 (50.7) |  |
| Ever sex, never pregnant | 308 (14.2) | 293 (13.4)  | 264 (13.6)  | 122 (11.6) | 142 (15.9) |  |
| Ever pregnant | 588 (27.1) | 563 (25.8)  | 507 (26.1)  | 209 (19.8) | 298 (33.4) |  |
| HIV prevalence  |   |   |   |  |  | <0.001 |
| Negative | 1776 (81.3) | 1623 (74.3)  | 1669 (85.3)  | 920 (87.1) | 749 (83.1) |  |
| Positive | 236 (10.8) | 270 (12.4)  | 288 (14.7)  | 136 (12.9) | 152 (16.9) |  |
| Did not consent | 172 (7.9) |  |  |  |  |  |
| HSV-2 prevalence  |   |   |   |  |  | <0.001 |
|  |  |  |  |  |  |  |
| Negative | 1525 (69.8) | 1116 (51.1)  | 1153 (58.9)  | 665 (63.0) | 488 (54.2) |  |
| Positive | 553 (25.3) | 777 (35.6)  | 804 (41.1)  | 391 (37.0) | 413 (45.8) |  |
| Did not consent | 106 (4.9) |  |  |  |  |  |
| Transmissible viral load  |   |   |   |  |  | 0.158 |
| <50 | 1835 (91.2) | 1733 (79.3)  | 1785 (91.2)  | 972 (92.0) | 813 (90.2) |  |
| >=50 | 139 (6.9 ) | 160 (7.3 )  | 172 (8.8 )  | 84 (8.0 ) | 88 (9.8 ) |  |
| Insufficient sample (not testable) | 38 (1.9) |  |  |  |  |  |