| **Table 1** Implementation Outcome Variables (Mean (SD) or % (SD), and % Missing) |
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|  | (n=104) | Missing, % |
| **Testing** |  |  |
| Ever tested for HIV (cnty), 2016-17 (%) | 47.1 (7.5) | 10.6 |
| Tested for HIV, 2016-2017 (cnty), (%) | 15.7 (4.6) | 10.6 |
| Knowledge of status (state), 2019 | 80425.7 (50305.9) | 0.0 |
| **Linked to Care** |  |  |
| Incident HIV - linked to care (state), 2019 | 2233.4 (1372.9) | 0.0 |
| Incident HIV - linked to care (cnty), 2020 (%) | 83.7 (3.3) | 10.6 |
| **Receiving Care** |  |  |
| Receiving care (state), 2019 | 59407.9 (38134.8) | 0.0 |
| Receiving care (cnty), 2020 (%) | 71.6 (2.1) | 10.6 |
| **Viral Suppression** |  |  |
| Virally suppressed (state), 2019 | 51543.2 (34035.3) | 0.0 |
| Virally suppressed (cnty), 2020 (%) | 61.7 (2.1) | 10.6 |
| **PrEP** |  |  |
| Prescribed PrEP (state), 2019 | 25016.7 (16323.1) | 0.0 |
| PrEP use (cnty), 2020 (%) | 0.2 (0.1) | 10.6 |
| PrEP users female (cnty), 2020 (%) | 6.6 (3.3) | 10.6 |
| PrEP users male (cnty), 2020 (%) | 93.3 (3.3) | 10.6 |
| PrEP users 13-24 (cnty), 2020 (%) | 10.4 (2.1) | 10.6 |
| PrEP users 25-34 (cnty), 2020 (%) | 41.1 (1.9) | 10.6 |
| PrEP users 35-44 (cnty), 2020 (%) | 26.6 (2.3) | 10.6 |
| PrEP users 45-54 (cnty), 2020 (%) | 13.1 (1.2) | 10.6 |
| PrEP users >55 (cnty), 2020 (%) | 8.8 (0.9) | 10.6 |
| **PrEP Use to HIV Incidence** |  |  |
| Ratio of 2021 PrEP users to 2020 HIV incidence (cnty), 2020 | 12.9 (4.4) | 10.6 |
| Ratio of 2021 female PrEP users to 2020 female HIV incidence (cnty), 2021 | 5.2 (1.3) | 10.6 |
| Ratio of 2021 male PrEP users to 2020 HIV incidence (cnty), 2021 | 14.1 (4.8) | 10.6 |
| Ratio of 2021 25-34 PrEP users to 2020 HIV incidence (cnty), 2020 | 13.7 (4.6) | 10.6 |
| Ratio of 2021 35-44 PrEP users to 2020 HIV incidence (cnty), 2020 | 17.6 (7.6) | 10.6 |
| Ratio of 2021 45-54 PrEP users to 2020 HIV incidence (cnty), 2020 | 13.9 (6.0) | 10.6 |
| Ratio of 2021 >54 PrEP users to 2020 HIV incidence (cnty), 2020 | 12.8 (5.1) | 10.6 |
| **Mortality** |  |  |
| HIV mortality rate (per 100K) (state), 2019a | 6.6 (2.5) | 0.0 |
| Calculated HIV mortality rate (per 100K) (state), 2020 a | 6.4 (2.2) | 0.0 |
| AIDS mortality rate (per 100K) (state), 2019 a | 5.0 (1.8) | 0.0 |
| Values are means(SD) or medians(Q25, Q75) for continuous variables; percentages or ns or both for categorical variables. |
| a Mortality among those who are HIV+ and with AIDS (respectively) and are not necessarily attributed to HIV/AIDS-related causes |