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| **Demographic determinants of HIV** |
|  | **HIV+ N (%)** | **HIV- N (%)** | **P-value** |
| **Overall self-reported HIV status** | **46 (6.3%)** | **681 (93.7%)** |  |
| ***Age group \*(304/1,031)*** |  |  | ***0.057*** |
| 16 – 19 years | 5 (3.1%) | 156 (96.9%) |  |
| 20 – 24 years | 41 (7.2%) | 525 (92.8%) |  |
| ***Province \*(304/1,031)*** |  |  | ***0.274*** |
| Eastern Cape | 2 (2.7%) | 73 (97.3%) |  |
| Free State | 8 (11.6%) | 61 (88.4%) |  |
| Gauteng | 7 (5.0%) | 132 (95.0%) |  |
| KwaZulu-Natal | 11 (7.3%) | 140 (92.7%) |  |
| Limpopo | 4 (7.4%) | 50 (92.6%) |  |
| Mpumalanga | 7 (10.6%) | 59 (89.4%) |  |
| North West | 1 (3.1%) | 31 (96.9%) |  |
| Northern Cape | 1 (10.0%) | 9 (90.0%) |  |
| Western Cape | 5 (3.8%) | 126 (96.2%) |  |
| ***Race \*(304/1,031)*** |  |  | ***0.622*** |
| Black | 43 (6.8%) | 592 (93.2%) |  |
| Colored | 3 (3.4%) | 84 (96.6%) |  |
| Indian | 0 (0.0%) | 4 (100.0%) |  |
| White | 0 (0.0%) | 1 (100.0%) |  |
| ***Settlement type \*(304/1,031)*** |  |  | ***0.33*** |
| Urban formal | 11 (4.6%) | 230 (95.4%) |  |
| Urban informal | 24 (8.0%) | 276 (92.0%) |  |
| Peri-urban | 7 (8.3%) | 77 (91.7%) |  |
| Tribal settlement | 3 (3.4%) | 86 (96.6%) |  |
| Farming | 1 (7.7%) | 12 (92.3%) |  |
| ***Housing type \*(304/1,031)*** |  |  | ***0.216*** |
| Formal house | 7 (3.4%) | 197 (96.6%) |  |
| Mostly formal | 16 (8.3%) | 177 (91.7%) |  |
| Mostly informal | 16 (8.7%) | 169 (91.3%) |  |
| Squatter camp | 2 (2.8%) | 69 (97.2%) |  |
| Traditional house | 5 (7.9%) | 58 (92.1%) |  |
| Hostel | 0 (0.0%) | 9 (100.0%) |  |
| Other | 0 (0.0%) | 2 (100.0%) |  |
| ***Level of Education \*(304/1,031)*** |  |  | ***0.003*** |
| Primary | 4 (26.7%) | 11 (73.3%) |  |
| Grade 11 | 27 (8.0%) | 312 (92.0%) |  |
| Matric | 14 (4.6%) | 289 (95.4%) |  |
| Tertiary | 1 (1.4%) | 68 (98.6%) |  |
| No school | 0 (0.0%) | 1 (100.0%) |  |
| ***Marital status \*(309/1,031)*** |  |  | ***0.26*** |
| Single | 26 (7.7%) | 311 (92.3%) |  |
| Stable relationship | 11 (4.5%) | 232 (95.5%) |  |
| Cohabitation | 4 (4.4%) | 87 (95.6%) |  |
| Married | 5 (9.8%) | 46 (90.2%) |  |
| ***Employment status \*(310/1,031)*** |  |  | ***0.298*** |
| Unemployed | 31 (7.0%) | 415 (93.0%) |  |
| Employed | 8 (8.1%) | 91 (91.9%) |  |
| Student  | 7 (4.0%) | 169 (96.0%) |  |
| ***Socio-economic status \*(304/1,031)*** |  |  | ***0.168*** |
| High | 7 (3.7%) | 181 (96.3%) |  |
| Medium | 25 (8.0%) | 289 (92.0%) |  |
| Low | 14 (6.2%) | 211 (93.8%) |  |
| ***Food security¥*** |  |  | ***<0.001*** |
| Insecure | 17 (14.2%) | 103 (85.8%) |  |
| Secure | 29 (4.8%) | 578 (95.2%) |  |
| **Sexual behaviours determining HIV** |
| ***Multiple sexual partners \*(304/1,031) ¥*** |  |  | ***<0.001*** |
| No | 34 (5.1%) | 629 (94.9%) |  |
| Yes | 12 (18.8%) | 52 (81.2%) |  |
| ***Sexual debut \*(304/1,031)*** |  |  | ***<0.001*** |
| 0–15 years | 17 (15.3%) | 94 (84.7%) |  |
| 16–17 years | 19 (6.4%) | 279 (93.6%) |  |
| 18–19 years | 7 (2.9%) | 233 (97.1%) |  |
| 20–24 years | 3 (3.9%) | 75 (96.1%) |  |
| ***Transactional sex \*(304/1,031) ¥*** |  |  | ***0.009*** |
| No | 38 (5.7%) | 634 (94.3%) |  |
| Yes | 8 (14.6%) | 47 (85.4%) | .  |
| ***Intergenerational sex \*(304/1,031) ¥*** |  |  | ***0.01*** |
| No | 19 (4.4%) | 413 (96.6%) |  |
| Yes | 27 (9.1%) | 268 (90.9%) |  |