**Table 2. Distributions of incidence rates of HIV viral rebounds by socio-demographic characteristics**

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Person-time | Number of rebounds | Incidence rates per 1000 person-months (95% CI) |
| Overall | 33786.63 | 46 | 1.36 (0.996-1.816) |
| **Sex** |  |  |  |
| Female | 20807 | 25 | 1.20 (0.78 – 1.77) |
| Male | 12980 | 21 | 1.62 (1.00-2.47) |
| **Residency** |  |  |  |
| Rural | 23751 | 34 | 1.43 (0.99 – 2.00) |
| Town | 10034 | 12 | 1.20 (0.68-2.09) |
| **Age groups (years)** |  |  |  |
| 15-24 | 1001 | 3 | 3.00 (0.618-8.76) |
| 25-44 | 17702 | 25 | 1.47 (0.91 – 2.08) |
| 45-64 | 13919 | 16 | 1.15 (0.66-1.87) |
| 65+ | 1165 | 2 | 1.72 (0.21 – 6.20) |
| **Marital status** |  |  |  |
| Married | 19223 | 27 | 1.36 (0.44 – 3.17) |
| Single | 5855 | 12 | 2.05 (1.06 – 3.58) |
| Widowed | 2924 | 2 | 0.68 (0.08 – 2.47) |
| Divorced/separated | 3680 | 5 | 1.36 (0.44 – 3.17) |
| **Client Category** |  |  |  |
| Stable clients | 27602 | 21 | 0.76(0.47-1.16) |
| Unstable clients | 6185 | 25 | 4.07(2.62-5.97) |
| **ART Adherence** |  |  |  |
| Good | 33254 | 45 | 1.35(0.99-1.81) |
| Poor | 532 | 1 | 1.88(0.05-10.5) |
| **ART Regimen** |  |  |  |
| DTG-based regimen | 13841 | 15 | 1.08(0.61-1.79) |
| Non-DTG-based regimen | 19945 | 31 | 1.55(1.06-2.21) |
| **Low-level viremia at baseline (cp/ml)** |  |  |  |
| ≤50 | 29296 | 40 | 1.37(0.98-1.86) |
| 51 – 999 | 4490 | 6 | 1.34(0.49-2.91) |
| **Duration on ART (years)** |  |  |  |
| <3 | 9451 | 12 | 1.27(0.65-2.22) |
| >=3 | 24336 | 34 | 1.40(0.97-1.95) |
| **ART Dispensing** |  |  |  |
| ≤30 days ART dispensing | 6631 | 22 | 3.32(2.08-5.02) |
| >30 days ART dispensing | 27156 | 24 | 0.88(0.57-1.32) |
| **WHO Clinical stage** |  |  |  |
| 1 | 2044 | 31 | 1.41 (0.96-2.00) |
| 2 | 9094 | 11 | 1.21(0.60-2.16 |
| 3 | 1736 | 4 | 2.30(0.63-5.90) |
| 4 | 912 | 0 | 0(0-4.04) |
| **Distance to Health Facility** |  |  |  |
| 0-10 km | 27861 | 33 | 1.18(0.82-1.66) |
| >10 km | 5926 | 13 | 2.19(1.17-3.75) |
| **ART Refill model** |  |  |  |
| Community-based ART refill | 6871 | 2 | 0.29(0.04-1.05) |
| Facility-based ART refill | 26916 | 44 | 1.63(1.19-2.19) |
| **HIV Care appointment** |  |  |  |
| Scheduled clinic visit | 27514 | 36 | 1.31(0.92-1.81) |
| Unscheduled clinic visit | 6273 | 10 | 1.59(0.76-2.93) |