Supplementary table 2: Detailed demographics and HBV infection status by sexual orientation

| Characteristic | Demographics |  |  | Infection |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | MSM |  |  |  |  | Heterosexual |  |  |  |  |
|  | Overall No. (\%, 95\% CI) | MSM No. (\%, 95\% <br> CI) | Heterosexual No. (\%, 95\% CI) | Past infection no. (\%, 95\% CI) | Current infection no. (\%, 95\% CI) | $\begin{gathered} \text { Immunised } \\ \text { no. (\%, } \\ \text { 95\% CI) } \\ \hline \end{gathered}$ | Susceptible no. (\%, 95\% <br> CI) | Total | Past infection no. (\%, 95\% CI) | Current infection no. (\%, 95\% CI) | $\begin{gathered} \text { Immunised } \\ \text { no. (\%, } \\ \text { 95\% CI) } \\ \hline \end{gathered}$ | Susceptible no. (\%, 95\% CI) | Total |
| Total | 2172 | 1497 | 657 | $\begin{gathered} 56 ; \\ (3.7 \%, \\ 2.9-4.8) \end{gathered}$ | $\begin{gathered} 3 ;(0.2 \%, \\ 0.1-0.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 448 ; \\ (29.9 \%, \\ 27.7-32.3) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 990 ; \\ (66.1 \%, \\ 63.7-68.5) \\ \hline \end{gathered}$ | 1497 | $\begin{gathered} 30 ; \\ (4.6 \%, \\ 3.2-6.4) \end{gathered}$ | $\begin{aligned} & 7 ;(1.1 \%, \\ & 0.5-2.2) \end{aligned}$ | $\begin{gathered} \hline 114 ; \\ (17.4 \%, \\ 14.6-20.4) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 506 ; \\ (77.0 \%, \\ 73.6-80.1) \\ \hline \end{gathered}$ | 657 |
| Age |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16-25 | $\begin{gathered} \text { 961; (44.2\%, } \\ 42.2-46.3) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 636 ; \\ (42.5 \%, \\ 40.0-45.0) \\ \hline \end{gathered}$ | $\begin{gathered} 315 ;(47.9 \%, \\ 44.1-51.8) \\ \hline \end{gathered}$ | $\begin{gathered} 6 ;(0.9 \% \text {, } \\ 0.4-2.0) \\ \hline \end{gathered}$ | $\begin{aligned} & 1 ;(0.2 \%, \\ & 0.0-0.9) \end{aligned}$ | $\begin{gathered} \hline 168 ; \\ (26.4 \%, \\ 23.1-30.0) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 461 ; \\ (72.5 \%, \\ 68.9-75.8) \\ \hline \end{gathered}$ | 636 | $\begin{gathered} 5 ;(1.6 \%, \\ 0.7-3.7) \\ \hline \end{gathered}$ | $\begin{gathered} 2 ;(0.6 \%, \\ 0.2-2.3) \\ \hline \end{gathered}$ | $\begin{gathered} 43 ;(13.7 \%, \\ 10.3-17.9) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 265 ; \\ (84.1 \%, \\ 79.7-87.7) \\ \hline \end{gathered}$ | 315 |
| 26-35 | $\begin{gathered} 773 ;(35.6 \%, \\ 33.6-37.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 561 ; \\ (37.5 \%, \\ 35.1-40.0) \\ \hline \end{gathered}$ | $\begin{gathered} \text { 206; (31.4\%, } \\ \text { 27.9-35.0) } \\ \hline \end{gathered}$ | $\begin{gathered} 19 ; \\ (3.4 \%, \\ 2.2-5.2) \\ \hline \end{gathered}$ | $\begin{gathered} \text { 2; (0.4\%, } \\ \text { 0.1-1.3) } \end{gathered}$ | $\begin{gathered} 186 ; \\ (33.2 \%, \\ 29.4-37.2) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 354 ; \\ (63.1 \%, \\ 59.0-67.0) \\ \hline \end{gathered}$ | 561 | $\begin{gathered} 11 ; \\ (5.3 \%, \\ 3.0-9.3) \end{gathered}$ | $\begin{aligned} & 1 ;(0.5 \%, \\ & 0.1-2.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 50 ;(24.3 \%, \\ 18.9-30.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 144 ; \\ (69.9 \%, \\ 63.3-75.8) \end{gathered}$ | 206 |
| 36-45 | $\begin{gathered} \text { 292; (13.4\%, } \\ \text { 12.1-14.9) } \\ \hline \end{gathered}$ | $\begin{gathered} \hline 198 ; \\ (13.2 \%, \\ 11.6-15.0) \\ \hline \end{gathered}$ | $\begin{gathered} 92 ;(14.0 \%, \\ 11.6-16.9) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 16 ; \\ (8.1 \%, \\ 5.0-12.7) \\ \hline \end{gathered}$ | $\begin{gathered} 0 ;(0.0 \%, \\ 0.0-1.9) \end{gathered}$ | $\begin{aligned} & 65 ;(32.8 \%, \\ & 26.7-39.6) \\ & \hline \end{aligned}$ | $\begin{gathered} 117 ; \\ (59.1 \%, \\ 52.1-65.7) \\ \hline \end{gathered}$ | 198 | $\begin{gathered} \hline 12 ; \\ (13.0 \%, \\ 7.6-21.4) \\ \hline \end{gathered}$ | $\begin{aligned} & 4 ;(4.3 \%, \\ & \text { 1.7-10.7) } \end{aligned}$ | $\begin{gathered} 12 ;(13.0 \% \\ 7.6-21.4) \end{gathered}$ | $\begin{aligned} & \text { 64; (69.6\%, } \\ & \text { 59.5-78.0) } \end{aligned}$ | 92 |
| 46-55 | $\begin{gathered} \text { 104; (4.8\%, } \\ 4.0-5.8) \\ \hline \end{gathered}$ | $\begin{gathered} 66 ;(4.4 \%, \\ 3.5-5.6) \\ \hline \end{gathered}$ | $\begin{gathered} 38 ;(5.8 \%, \\ 4.2-7.8) \end{gathered}$ | $\begin{aligned} & \text { 6; (9.1\%, } \\ & \text { 4.2-18.4) } \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-5.5) \end{aligned}$ | $\begin{gathered} 20 ;(30.3 \%, \\ 20.6-42.2) \end{gathered}$ | $\begin{gathered} \hline 40 ; \\ (60.6 \%, \\ 48.5-71.5) \\ \hline \end{gathered}$ | 66 | $\begin{aligned} & 2 ;(5.3 \%, \\ & 1.5-17.3) \end{aligned}$ | $\begin{gathered} 0 ;(0.0 \% \\ 0.0-9.2) \end{gathered}$ | $\begin{aligned} & \text { 8; (21.1\%, } \\ & \text { 11.1-36.3) } \end{aligned}$ | $\begin{gathered} 28 ;(73.7 \%, \\ 58.0-85.0) \\ \hline \end{gathered}$ | 38 |
| 56-65 | $\begin{gathered} 33 ;(1.5 \%, \\ 1.1-2.1) \\ \hline \end{gathered}$ | $\begin{gathered} 30 ;(2.0 \%, \\ 1.4-2.8) \\ \hline \end{gathered}$ | $\begin{gathered} 3 ;(0.5 \%, \\ 0.2-1.3) \end{gathered}$ | $\begin{gathered} \hline 9 ; \\ (30.0 \%, \\ 16.7- \\ 47.9) \\ \hline \end{gathered}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-11.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6 ;(20.0 \% \text {, } \\ & 9.5-37.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 15 ; \\ (50.0 \%, \\ 33.2-66.8) \\ \hline \end{gathered}$ | 30 | $\begin{aligned} & 0 ;(0.0 \% \\ & 0.0-56.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-56.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { 1; (33.3\%, } \\ & \text { 6.1-79.2) } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { 2; (66.7\%, } \\ & \text { 20.8-93.9) } \end{aligned}$ | 3 |
| 66-75 | $\begin{aligned} & 9 ;(0.4 \%, \\ & 0.2-0.8) \end{aligned}$ | $\begin{gathered} 6 ;(0.4 \%, \\ 0.2-0.9) \end{gathered}$ | $\begin{gathered} 3 ;(0.5 \%, \\ 0.2-1.3) \end{gathered}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-39.0) \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-39.0) \end{aligned}$ | $\begin{aligned} & 3 ;(50.0 \%, \\ & \text { 18.8-81.2) } \end{aligned}$ | $\begin{aligned} & 3 ;(50.0 \%, \\ & 18.8-81.2) \\ & \hline \end{aligned}$ | 6 | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-56.1) \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-56.1) \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-56.1) \end{aligned}$ | $\begin{aligned} & 3 ;(100.0 \% \\ & 43.9-100.0) \end{aligned}$ | 3 |
| Ethnicity |  |  |  |  |  |  |  |  |  |  |  |  |  |
| White British/Irish | $\begin{gathered} \hline 1478 ; \\ (68.0 \%, \\ 66.1-70.0) \end{gathered}$ | $1149 ;$ $(76.8 \%$, $74.5-78.8)$ | $\begin{gathered} 315 ;(47.9 \%, \\ 44.1-51.8) \\ \hline \end{gathered}$ | $\begin{gathered} 37 ; \\ (3.2 \%, \\ 2.3-4.4) \end{gathered}$ | $\begin{gathered} 1 ;(0.1 \%, \\ 0.0-0.5) \end{gathered}$ | $326 ;$ $(28.4 \%$, $25.8-31.0)$ | $\begin{gathered} \hline 785 ; \\ (68.3 \%, \\ 65.6-70.9) \end{gathered}$ | 1149 | $\begin{gathered} 5 ;(1.6 \%, \\ 0.7-3.7) \end{gathered}$ | $\begin{gathered} 1 ;(0.3 \%, \\ 0.1-1.8) \end{gathered}$ | $\begin{gathered} 44 ;(14.0 \%, \\ 10.6-18.2) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 265 ; \\ (84.1 \%, \\ 79.7-87.7) \end{gathered}$ | 315 |


| Black African | $\begin{gathered} \text { 153; (7.0\%, } \\ 6.0-8.2) \\ \hline \end{gathered}$ | $\begin{gathered} 12 ;(0.8 \%, \\ 0.5-1.4) \\ \hline \end{gathered}$ | $\begin{gathered} 140 ;(21.3 \%, \\ 18.3-24.6) \\ \hline \end{gathered}$ | $\begin{gathered} 3 ; \\ (25.0 \%, \\ 8.9-53.2) \\ \hline \end{gathered}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-24.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4 ;(33.3 \% \\ & 13.8-60.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5 ;(41.7 \%, \\ & \text { 19.3-68.0) } \\ & \hline \end{aligned}$ | 12 | $19 ;$ $(13.6 \%$, $8.9-20.2)$ | $\begin{gathered} 5 ;(3.6 \%, \\ 1.5-8.1) \\ \hline \end{gathered}$ | $\begin{gathered} 20 ;(14.3 \%, \\ 9.4-21.0) \\ \hline \end{gathered}$ | $\begin{gathered} 96 ;(68.6 \%, \\ 60.5-75.7) \\ \hline \end{gathered}$ | 140 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Black other | $\begin{gathered} \text { 48; (2.2\%, } \\ 1.7-2.9) \\ \hline \end{gathered}$ | $\begin{gathered} 24 ;(1.6 \%, \\ 1.1-2.4) \\ \hline \end{gathered}$ | $\begin{gathered} 23 ;(3.5 \%, \\ 2.3-5.2) \\ \hline \end{gathered}$ | $\begin{aligned} & 1 ;(4.2 \%, \\ & 0.7-20.2) \\ & \hline \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \% \\ & 0.0-13.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6 ;(25.0 \%, \\ & \text { 12.0-44.9) } \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 17 ; \\ (70.8 \%, \\ 50.8-85.1) \\ \hline \end{gathered}$ | 24 | $\begin{aligned} & 1 ;(4.3 \%, \\ & 0.8-21.0) \\ & \hline \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \% \\ & 0.0-14.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 7 ;(30.4 \%, \\ & 15.6-50.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 15 ;(65.2 \%, \\ & 44.9-81.2) \\ & \hline \end{aligned}$ | 23 |
| Other | $\begin{gathered} \text { 124; (5.7\%, } \\ 4.8-6.8) \\ \hline \end{gathered}$ | $\begin{gathered} 64 ;(4.3 \%, \\ 3.4-5.4) \\ \hline \end{gathered}$ | $\begin{gathered} 58 ;(8.8 \%, \\ \text { 6.9-11.2) } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { 2; (3.1\%, } \\ & 0.9-10.7) \\ & \hline \end{aligned}$ | $\begin{gathered} 0 ;(0.0 \% \\ 0.0-5.7) \\ \hline \end{gathered}$ | $\begin{aligned} & 29 ;(45.3 \%, \\ & 33.7-57.4) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 33 ; \\ (51.6 \%, \\ 39.6-63.4) \end{gathered}$ | 64 | $\begin{aligned} & 2 ;(3.4 \% \\ & \text { 1.0-11.7) } \end{aligned}$ | $\begin{gathered} 0 ;(0.0 \% \\ 0.0-6.2) \\ \hline \end{gathered}$ | $\begin{gathered} 9 ;(15.5 \%, \\ 8.4-26.9) \\ \hline \end{gathered}$ | $\begin{gathered} \text { 47; (81.0\%, } \\ \text { 69.1-89.1) } \\ \hline \end{gathered}$ | 58 |
| Other White Background | $\begin{gathered} \text { 260; (12.0\%, } \\ \text { 10.7-13.4) } \\ \hline \end{gathered}$ | $\begin{gathered} 187 ; \\ (12.5 \%, \\ 10.9-14.3) \end{gathered}$ | $\begin{gathered} 73 ;(11.1 \%, \\ 8.9-13.7) \\ \hline \end{gathered}$ | $\begin{gathered} 10 ; \\ (5.3 \%, \\ 2.9-9.6) \end{gathered}$ | $\begin{gathered} \text { 1; (0.5\%, } \\ 0.1-3.0) \end{gathered}$ | $\begin{gathered} 63 ;(33.7 \%, \\ 27.3-40.7) \end{gathered}$ | $\begin{gathered} 113 ; \\ (60.4 \%, \\ 53.3-67.2) \end{gathered}$ | 187 | $\begin{gathered} \text { 2; (2.7\%, } \\ 0.8-9.5) \\ \hline \end{gathered}$ | $\begin{gathered} 1 ;(1.4 \% \\ 0.2-7.4) \\ \hline \end{gathered}$ | $\begin{gathered} 26 ;(35.6 \%, \\ 25.6-47.1) \\ \hline \end{gathered}$ | $\begin{gathered} 44 ;(60.3 \%, \\ 48.8-70.7) \end{gathered}$ | 73 |
| South Asian | $\begin{gathered} \text { 58; (2.7\%, } \\ \text { 2.1-3.4) } \\ \hline \end{gathered}$ | $\begin{gathered} 23 ;(1.5 \%, \\ 1.0-2.3) \\ \hline \end{gathered}$ | $\begin{gathered} 35 ;(5.3 \%, \\ 3.9-7.3) \\ \hline \end{gathered}$ | $\begin{aligned} & 0 ;(0.0 \% \\ & 0.0-14.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \% \\ & 0.0-14.3) \end{aligned}$ | $\begin{gathered} 9 ;(39.1 \%, \\ \text { 22.2-59.2) } \\ \hline \end{gathered}$ | $\begin{gathered} \hline 14 ; \\ (60.9 \%, \\ 40.8-77.8) \\ \hline \end{gathered}$ | 23 | $\begin{gathered} 0 ;(0.0 \%, \\ 0.0-9.9) \\ \hline \end{gathered}$ | $\begin{gathered} 0 ;(0.0 \%, \\ 0.0-9.9) \\ \hline \end{gathered}$ | $\begin{gathered} 5 ;(14.3 \%, \\ 6.3-29.4) \\ \hline \end{gathered}$ | $\begin{gathered} 30 ;(85.7 \%, \\ 70.6-93.7) \\ \hline \end{gathered}$ | 35 |
| Other Asian background | $\begin{gathered} \text { 51; (2.3\%, } \\ \text { 1.8-3.1) } \\ \hline \end{gathered}$ | $\begin{gathered} 38 ;(2.5 \%, \\ 1.9-3.5) \\ \hline \end{gathered}$ | $\begin{gathered} 13 ;(2.0 \%, \\ 1.2-3.4) \\ \hline \end{gathered}$ | $\begin{aligned} & 3 ;(7.9 \% \\ & 2.7-20.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 1 ;(2.6 \%, \\ & 0.5-13.5) \\ & \hline \end{aligned}$ | $\begin{gathered} 11 ;(28.9 \%, \\ 17.0-44.8) \\ \hline \end{gathered}$ | $\begin{gathered} 23 ; \\ (60.5 \%, \\ 44.7-74.4) \end{gathered}$ | 38 | $\begin{aligned} & 1 ;(7.7 \%, \\ & 1.4-33.3) \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \% \\ & 0.0-22.8) \\ & \hline \end{aligned}$ | $\begin{gathered} 3 ;(23.1 \%, \\ 8.2-50.3) \\ \hline \end{gathered}$ | $\begin{aligned} & 9 ;(69.2 \%, \\ & 42.4-87.3) \\ & \hline \end{aligned}$ | 13 |
| New partners in last 12 months |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No new partners | $\begin{gathered} 79 ;(3.6 \%, \\ 2.9-4.5) \\ \hline \end{gathered}$ | $\begin{gathered} 35 ;(2.3 \%, \\ 1.7-3.2) \\ \hline \end{gathered}$ | $\begin{gathered} \text { 41; (6.2\%, } \\ 4.6-8.4) \\ \hline \end{gathered}$ | $\begin{aligned} & \text { 1; (2.9\%, } \\ & 0.5-14.5) \\ & \hline \end{aligned}$ | $\begin{gathered} 0 ;(0.0 \%, \\ 0.0-9.9) \\ \hline \end{gathered}$ | $\begin{aligned} & 9 ;(25.7 \%, \\ & \text { 14.2-42.1) } \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 25 ; \\ (71.4 \%, \\ 54.9-83.7) \\ \hline \end{gathered}$ | 35 | $\begin{aligned} & 1 ;(2.4 \%, \\ & 0.4-12.6) \\ & \hline \end{aligned}$ | $\begin{gathered} 0 ;(0.0 \%, \\ 0.0-8.6) \\ \hline \end{gathered}$ | $\begin{aligned} & 13 ;(31.7 \%, \\ & 19.6-47.0) \\ & \hline \end{aligned}$ | $\begin{gathered} 27 ;(65.9 \% \\ 50.5-78.4) \\ \hline \end{gathered}$ | 41 |
| Just 1 partner | $\begin{gathered} \text { 481; (22.1\%, } \\ 20.4-23.9) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 269 ; \\ (18.0 \%, \\ 16.1-20.0) \\ \hline \end{gathered}$ | $\begin{gathered} \text { 208; (31.7\%, } \\ 28.2-35.3) \\ \hline \end{gathered}$ | $\begin{aligned} & 7 ;(2.6 \%, \\ & 1.3-5.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 1 ;(0.4 \%, \\ 0.1-2.1) \\ \hline \end{gathered}$ | $\begin{gathered} 65 ;(24.2 \%, \\ 19.4-29.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 196 ; \\ (72.9 \%, \\ 67.3-77.8) \\ \hline \end{gathered}$ | 269 | $14 ;$ $(6.7 \%$, $4.1-11.0)$ | $\begin{gathered} 3 ;(1.4 \%, \\ 0.5-4.2) \\ \hline \end{gathered}$ | $\begin{gathered} 30 ;(14.4 \%, \\ 10.3-19.8) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 161 ; \\ (77.4 \%, \\ 71.3-82.6) \\ \hline \end{gathered}$ | 208 |
| 2-5 partners | $\begin{gathered} \hline 1122 ; \\ (51.7 \%, \\ 49.6-53.8) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 769 ; \\ (51.4 \%, \\ 48.8-53.9) \\ \hline \end{gathered}$ | $\begin{gathered} 346 ;(52.7 \%, \\ 48.8-56.5) \\ \hline \end{gathered}$ | $\begin{gathered} 25 ; \\ (3.3 \%, \\ 2.2-4.8) \end{gathered}$ | $\begin{gathered} 1 ;(0.1 \%, \\ 0.0-0.7) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 209 ; \\ (27.2 \%, \\ 24.2-30.4) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 534 ; \\ (69.4 \%, \\ 66.1-72.6) \\ \hline \end{gathered}$ | 769 | $\begin{gathered} 13 ; \\ (3.8 \%, \\ 2.2-6.3) \end{gathered}$ | $\begin{gathered} 3 ;(0.9 \%, \\ 0.3-2.5) \\ \hline \end{gathered}$ | $\begin{aligned} & 60 ;(17.3 \%, \\ & 13.7-21.7) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 270 ; \\ (78.0 \%, \\ 73.4-82.1) \\ \hline \end{gathered}$ | 346 |
| 6-12 partners | $\begin{gathered} 319 ;(14.7 \%, \\ 13.3-16.2) \\ \hline \end{gathered}$ | $\begin{gathered} 273 ; \\ (18.2 \%, \\ 16.4-20.3) \end{gathered}$ | $\begin{gathered} \text { 43; (6.5\%, } \\ 4.9-8.7) \\ \hline \end{gathered}$ | $\begin{gathered} 12 ; \\ (4.4 \%, \\ 2.5-7.5) \\ \hline \end{gathered}$ | $\begin{gathered} 1 ;(0.4 \%, \\ 0.1-2.0) \\ \hline \end{gathered}$ | $\begin{gathered} 95 ;(34.8 \%, \\ 29.4-40.6) \end{gathered}$ | $\begin{gathered} 165 ; \\ (60.4 \%, \\ 54.5-66.1) \\ \hline \end{gathered}$ | 273 | $\begin{aligned} & 1 ;(2.3 \%, \\ & 0.4-12.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 1 ;(2.3 \%, \\ & 0.4-12.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6 ;(14.0 \%, \\ & 6.6-27.3) \\ & \hline \end{aligned}$ | $\begin{aligned} & 35 ;(81.4 \%, \\ & 67.4-90.3) \\ & \hline \end{aligned}$ | 43 |
| More than 12 partners | $\begin{gathered} \text { 171; (7.9\%, } \\ \text { 6.8-9.1) } \\ \hline \end{gathered}$ | $\begin{gathered} 151 ; \\ (10.1 \%, \\ 8.7-11.7) \end{gathered}$ | $\begin{gathered} \text { 19; (2.9\%, } \\ \text { 1.9-4.5) } \\ \hline \end{gathered}$ | $\begin{gathered} 11 ; \\ (7.3 \%, \\ 4.1-12.6) \end{gathered}$ | $\begin{gathered} 0 ;(0.0 \% \\ 0.0-2.5) \\ \hline \end{gathered}$ | $\begin{aligned} & 70 ;(46.4 \%, \\ & 38.6-54.3) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 70 ; \\ (46.4 \%, \\ 38.6-54.3) \end{gathered}$ | 151 | $\begin{aligned} & 1 ;(5.3 \%, \\ & 0.9-24.6) \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \% \\ & 0.0-16.8) \\ & \hline \end{aligned}$ | $\begin{aligned} & 5 ;(26.3 \%, \\ & \text { 11.8-48.8) } \end{aligned}$ | $\begin{aligned} & 13 ;(68.4 \%, \\ & 46.0-84.6) \\ & \hline \end{aligned}$ | 19 |
| Unprotected sex in last 12 months |  |  |  |  |  |  |  |  |  |  |  |  |  |


| No | $\begin{gathered} 317 ;(14.6 \%, \\ 13.2-16.1) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 248 ; \\ (16.6 \%, \\ 14.8-18.5) \end{gathered}$ | $\begin{aligned} & 65 ;(9.9 \%, \\ & 7.8-12.4) \\ & \hline \end{aligned}$ | $\begin{gathered} 7 ;(2.8 \%, \\ 1.4-5.7) \\ \hline \end{gathered}$ | $\begin{gathered} 0 ;(0.0 \%, \\ 0.0-1.5) \\ \hline \end{gathered}$ | $\begin{aligned} & 73 ;(29.4 \%, \\ & 24.1-35.4) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 168 ; \\ (67.7 \%, \\ 61.7-73.3) \end{gathered}$ | 248 | $\begin{aligned} & 3 ;(4.6 \%, \\ & 1.6-12.7) \end{aligned}$ | $\begin{gathered} 0 ;(0.0 \%, \\ 0.0-5.6) \\ \hline \end{gathered}$ | $\begin{aligned} & 13 ;(20.0 \%, \\ & 12.1-31.3) \end{aligned}$ | $\begin{gathered} 49 ;(75.4 \%, \\ 63.7-84.2) \end{gathered}$ | 65 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Yes, with 1 partner | $\begin{gathered} \text { 908; (41.8\%, } \\ 39.7-43.9) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 621 ; \\ (41.5 \%, \\ 39.0-44.0) \\ \hline \end{gathered}$ | $\begin{gathered} 281 ;(42.8 \%, \\ 39.0-46.6) \\ \hline \end{gathered}$ | $\begin{gathered} 22 ; \\ (3.5 \%, \\ 2.4-5.3) \\ \hline \end{gathered}$ | $\begin{aligned} & 1 ;(0.2 \%, \\ & 0.0-0.9) \end{aligned}$ | $\begin{gathered} \hline 184 ; \\ (29.6 \%, \\ 26.2-33.3) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 414 ; \\ (66.7 \%, \\ 62.9-70.3) \\ \hline \end{gathered}$ | 621 | $\begin{gathered} 17 ; \\ (6.0 \%, \\ 3.8-9.5) \end{gathered}$ | $\begin{gathered} \text { 4; (1.4\%, } \\ 0.6-3.6) \\ \hline \end{gathered}$ | $\begin{gathered} \text { 48; (17.1\%, } \\ \text { 13.1-21.9) } \end{gathered}$ | $\begin{gathered} \hline 212 ; \\ (75.4 \%, \\ 70.1-80.1) \\ \hline \end{gathered}$ | 281 |
| Yes, with 2-5 partners | $\begin{gathered} 823 ;(37.9 \%, \\ 35.9-40.0) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 543 ; \\ (36.3 \%, \\ 33.9-38.7) \\ \hline \end{gathered}$ | $\begin{gathered} 276 ;(42.0 \% \\ 38.3-45.8) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 21 ; \\ (3.9 \%, \\ 2.5-5.8) \end{gathered}$ | $\begin{aligned} & 1 ;(0.2 \%, \\ & 0.0-1.0) \end{aligned}$ | $\begin{gathered} \hline 161 ; \\ (29.7 \%, \\ 26.0-33.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 360 ; \\ (66.3 \%, \\ 62.2-70.1) \\ \hline \end{gathered}$ | 543 | $\begin{gathered} 8 ;(2.9 \%, \\ 1.5-5.6) \\ \hline \end{gathered}$ | $\begin{gathered} 3 ;(1.1 \%, \\ 0.4-3.1) \\ \hline \end{gathered}$ | $\begin{gathered} 48 ;(17.4 \%, \\ 13.4-22.3) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 217 ; \\ (78.6 \%, \\ 73.4-83.0) \\ \hline \end{gathered}$ | 276 |
| Yes, with 6-12 partners | $\begin{gathered} 79 ;(3.6 \%, \\ 2.9-4.5) \\ \hline \end{gathered}$ | $\begin{gathered} \text { 49; (3.3\%, } \\ 2.5-4.3) \\ \hline \end{gathered}$ | $\begin{gathered} 27 ;(4.1 \%, \\ 2.8-5.9) \\ \hline \end{gathered}$ | $\begin{aligned} & 3 ;(6.1 \%, \\ & 2.1-16.5) \end{aligned}$ | $\begin{aligned} & 1 ;(2.0 \% \\ & 0.4-10.7) \end{aligned}$ | $\begin{aligned} & 15 ;(30.6 \%, \\ & 19.5-44.5) \end{aligned}$ | $\begin{gathered} \hline 30 ; \\ (61.2 \%, \\ 47.2-73.6) \\ \hline \end{gathered}$ | 49 | $\begin{aligned} & 1 ;(3.7 \%, \\ & 0.7-18.3) \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-12.5) \end{aligned}$ | $\begin{aligned} & \text { 2; }(7.4 \%, \\ & \text { 2.1-23.4) } \end{aligned}$ | $\begin{gathered} 24 ;(88.9 \%, \\ 71.9-96.1) \\ \hline \end{gathered}$ | 27 |
| Yes, with more than 12 partners | $\begin{gathered} \text { 45; (2.1\%, } \\ 1.6-2.8) \\ \hline \end{gathered}$ | $\begin{gathered} 36 ;(2.4 \%, \\ 1.7-3.3) \\ \hline \end{gathered}$ | $\begin{gathered} 8 ;(1.2 \%, \\ 0.6-2.4) \\ \hline \end{gathered}$ | $\begin{aligned} & 3 ;(8.3 \% \\ & 2.9-21.8) \end{aligned}$ | $\begin{gathered} 0 ;(0.0 \%, \\ 0.0-9.6) \\ \hline \end{gathered}$ | $\begin{aligned} & 15 ;(41.7 \%, \\ & 27.1-57.8) \\ & \hline \end{aligned}$ | $\begin{gathered} \hline 18 ; \\ (50.0 \%, \\ 34.5-65.5) \\ \hline \end{gathered}$ | 36 | $\begin{gathered} \hline 1 ; \\ (12.5 \%, \\ 2.2-47.1) \\ \hline \end{gathered}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-32.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 3 ;(37.5 \%, \\ & 13.7-69.4) \\ & \hline \end{aligned}$ | $\begin{aligned} & 4 ;(50.0 \%, \\ & 21.5-78.5) \\ & \hline \end{aligned}$ | 8 |
| Last HIV test |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Never tested | $\begin{gathered} \text { 577; (26.6\%, } \\ 24.8-28.5) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 274 ; \\ (18.3 \%, \\ 16.4-20.3) \\ \hline \end{gathered}$ | $\begin{gathered} 291 ;(44.3 \%, \\ 40.5-48.1) \\ \hline \end{gathered}$ | $\begin{gathered} 2 ;(0.7 \%, \\ 0.2-2.6) \\ \hline \end{gathered}$ | $\begin{gathered} 2 ;(0.7 \%, \\ 0.2-2.6) \\ \hline \end{gathered}$ | $\begin{gathered} 35 ;(12.8 \%, \\ 9.3-17.2) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 235 ; \\ (85.8 \%, \\ 81.1-89.4) \\ \hline \end{gathered}$ | 274 | $\begin{aligned} & 7 ;(2.4 \%, \\ & 1.2-4.9) \\ & \hline \end{aligned}$ | $\begin{gathered} 3 ;(1.0 \% \\ 0.4-3.0) \end{gathered}$ | $\begin{gathered} \text { 42; (14.4\%, } \\ \text { 10.9-18.9) } \end{gathered}$ | $\begin{gathered} \hline 239 ; \\ (82.1 \%, \\ 77.3-86.1) \\ \hline \end{gathered}$ | 291 |
| Within the last year | $\begin{gathered} \hline 1004 ; \\ (46.2 \%, \\ 44.1-48.3) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 832 ; \\ (55.6 \%, \\ 53.0-58.1) \\ \hline \end{gathered}$ | $\begin{gathered} 170 ;(25.9 \%, \\ 22.7-29.4) \\ \hline \end{gathered}$ |  | $\begin{gathered} 1 ;(0.1 \%, \\ 0.0-0.7) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 301 ; \\ (36.2 \%, \\ 33.0-39.5) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 497 ; \\ (59.7 \%, \\ 56.4-63.0) \\ \hline \end{gathered}$ | 832 | $\begin{gathered} \hline 10 ; \\ (5.9 \%, \\ 3.2-10.5) \\ \hline \end{gathered}$ | $\begin{gathered} \text { 2; }(1.2 \%, \\ 0.3-4.2) \\ \hline \end{gathered}$ | $\begin{gathered} 32 ;(18.8 \%, \\ 13.7-25.4) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 126 ; \\ (74.1 \%, \\ 67.1-80.1) \\ \hline \end{gathered}$ | 170 |
| Over 1 year ago | $\begin{gathered} \text { 591; (27.2\%, } \\ 25.4-29.1) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 391 ; \\ (26.1 \%, \\ 24.0-28.4) \\ \hline \end{gathered}$ | $\begin{gathered} 196 ;(29.8 \%, \\ 26.5-33.4) \\ \hline \end{gathered}$ | $\begin{gathered} 21 ; \\ (5.4 \%, \\ 3.5-8.1) \end{gathered}$ | $\begin{gathered} 0 ;(0.0 \%, \\ 0.0-1.0) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 112 ; \\ (28.6 \%, \\ 24.4-33.3) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 258 ; \\ (66.0 \%, \\ 61.2-70.5) \\ \hline \end{gathered}$ | 391 | $\begin{gathered} \hline 13 ; \\ (6.6 \%, \\ 3.9-11.0) \\ \hline \end{gathered}$ | $\begin{gathered} \text { 2; (1.0\%, } \\ 0.3-3.6) \end{gathered}$ | $\begin{gathered} 40 ;(20.4 \%, \\ 15.4-26.6) \end{gathered}$ | $\begin{gathered} \hline 141 ; \\ (71.9 \%, \\ 65.3-77.8) \\ \hline \end{gathered}$ | 196 |
| Sex under the influence of alcohol or drugs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Never | $\begin{gathered} 812 ;(37.4 \%, \\ 35.4-39.4) \\ \hline \end{gathered}$ | $\begin{gathered} 579 ; \\ (38.7 \%, \\ 36.2-41.2) \\ \hline \end{gathered}$ | $\begin{gathered} 230 ;(35.0 \%, \\ 31.5-38.7) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 25 ; \\ (4.3 \%, \\ 2.9-6.3) \\ \hline \end{gathered}$ | $\begin{gathered} 1 ;(0.2 \%, \\ 0.0-1.0) \\ \hline \end{gathered}$ | $\begin{gathered} 161 ; \\ (27.8 \%, \\ 24.3-31.6) \end{gathered}$ | $\begin{gathered} 392 ; \\ (67.7 \%, \\ 63.8-71.4) \end{gathered}$ | 579 | $\begin{gathered} \hline 18 ; \\ (7.8 \%, \\ 5.0-12.0) \end{gathered}$ | $\begin{gathered} 3 ;(1.3 \%, \\ 0.4-3.8) \\ \hline \end{gathered}$ | $\begin{gathered} 44 ;(19.1 \%, \\ 14.6-24.7) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 165 ; \\ (71.7 \%, \\ 65.6-77.2) \end{gathered}$ | 230 |
| Sometimes | $\begin{gathered} 1114 ; \\ (51.3 \%, \\ 49.2-53.4) \end{gathered}$ | $\begin{gathered} 766 ; \\ (51.2 \%, \\ 48.6-53.7) \end{gathered}$ | $\begin{gathered} 341 ;(51.9 \%, \\ 48.1-55.7) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 24 ; \\ (3.1 \%, \\ 2.1-4.6) \\ \hline \end{gathered}$ | $\begin{gathered} 1 ;(0.1 \%, \\ 0.0-0.7) \end{gathered}$ | $\begin{gathered} \hline 241 ; \\ (31.5 \%, \\ 28.3-34.8) \end{gathered}$ | $\begin{gathered} 500 ; \\ (65.3 \%, \\ 61.8-68.6) \end{gathered}$ | 766 | $\begin{gathered} \text { 9; (2.6\%, } \\ \text { 1.4-4.9) } \\ \hline \end{gathered}$ | $\begin{gathered} 3 ;(0.9 \%, \\ 0.3-2.6) \end{gathered}$ | $\begin{gathered} 57 ;(16.7 \%, \\ 13.1-21.0) \\ \hline \end{gathered}$ | $\begin{gathered} 272 ; \\ (79.8 \%, \\ 75.2-83.7) \\ \hline \end{gathered}$ | 341 |
| Usually | $\begin{gathered} 213 ;(9.8 \%, \\ 8.6-11.1) \\ \hline \end{gathered}$ | $\begin{gathered} 134 ; \\ (9.0 \%, \\ 7.6-10.5) \end{gathered}$ | $\begin{gathered} 74 ;(11.3 \%, \\ 9.1-13.9) \\ \hline \end{gathered}$ | $\begin{gathered} 6 ;(4.5 \%, \\ 2.1-9.4) \\ \hline \end{gathered}$ | $\begin{gathered} 1 ;(0.7 \%, \\ 0.1-4.1) \\ \hline \end{gathered}$ | $\begin{aligned} & \text { 41; (30.6\%, } \\ & \text { 23.4-38.8) } \\ & \hline \end{aligned}$ | $\begin{gathered} 86 ; \\ (64.2 \%, \\ 55.8-71.8) \end{gathered}$ | 134 | $\begin{aligned} & 3 ;(4.1 \%, \\ & 1.4-11.3) \\ & \hline \end{aligned}$ | $\begin{gathered} 1 ;(1.4 \%, \\ 0.2-7.3) \\ \hline \end{gathered}$ | $\begin{gathered} \text { 11; (14.9\%, } \\ 8.5-24.7) \\ \hline \end{gathered}$ | $\begin{gathered} 59 ;(79.7 \%, \\ 69.2-87.3) \\ \hline \end{gathered}$ | 74 |


| Always | $\begin{gathered} 33 ;(1.5 \% \\ 1.1-2.1) \end{gathered}$ | $\begin{gathered} \text { 18; (1.2\%, } \\ 0.8-1.9) \end{gathered}$ | $\begin{gathered} \text { 12; (1.8\%, } \\ 1.0-3.2) \end{gathered}$ | $\begin{aligned} & 1 ;(5.6 \%, \\ & 1.0-25.8) \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-17.6) \end{aligned}$ | $\begin{aligned} & 5 ;(27.8 \%, \\ & 12.5-50.9) \end{aligned}$ | $\begin{gathered} 12 ; \\ (66.7 \%, \\ 43.7-83.7) \end{gathered}$ | 18 | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-24.2) \end{aligned}$ | $\begin{aligned} & 0 ;(0.0 \%, \\ & 0.0-24.2) \end{aligned}$ | $\begin{gathered} \text { 2; (16.7\%, } \\ \text { 4.7-44.8) } \end{gathered}$ | $\begin{gathered} 10 ;(83.3 \%, \\ 55.2-95.3) \end{gathered}$ | 12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

