

Table 2 Prevalence and factors associated with hepatitis B surface antigen (HBsAg) in Pakistan by age, marital status and history of injection use

| Variable | Males | | Females | | Total | |
|--|-----------|------------------|-----------|------------------|------------|------------------|
| | No. (%) | OR (95%CI) | No. (%) | OR (95% CI) | No.(%) | OR (95% CI) |
| Age (years) | | | | | | |
| < 5 | 33 (1.6) | 1 | 20 (1.0) | 1 | 53 (1.3) | 1 |
| 5-19 | 198 (2.1) | 1.33 (0.90-1.96) | 131 (1.5) | 1.56 (0.95-2.57) | 329 (1.8) | 1.42 (1.05-1.92) |
| 20-29 | 104 (2.4) | 1.55 (1.03-2.35) | 88 (2.1) | 2.17 (1.30-3.64) | 192 (2.2) | 1.79 (1.30-2.46) |
| 30-39 | 106 (3.7) | 2.45 (1.63-3.72) | 81 (2.8) | 2.91 (1.74-4.91) | 187 (3.2) | 2.61 (1.90-3.60) |
| 40-49 | 104 (4.5) | 2.97 (1.97-4.50) | 63 (3.0) | 3.11 (1.83-5.34) | 167 (3.8) | 3.04 (2.20-4.20) |
| 50-59 | 82 (5.5) | 3.70 (2.41-5.68) | 34 (2.6) | 2.72 (1.51-4.92) | 116 (4.1) | 3.37 (2.40-4.75) |
| ≥ 60 | 82 (5.0) | 3.32 (2.16-5.10) | 30 (2.7) | 2.79 (1.53-5.13) | 112 (4.0) | 3.28 (2.33-4.62) |
| Total | 709 (3.0) | | 447 (2.0) | | 1156 (2.5) | |
| Marital status (20-49 years) | | | | | | |
| Never married | 67 (1.9) | 1 | 36 (1.7) | 1 | 103 (1.8) | 1 |
| Married | 245 (4.2) | 2.32 (1.75-3.09) | 193 (2.8) | 1.70 (1.70-2.47) | 438 (3.4) | 1.96 (1.57-2.45) |
| Divorced/separated/widowed | 2 (2.7) | 1.49 (0.0-6.3) | 3 (1.5) | 0.88 (0.27-2.84) | 5 (1.8) | 1.01 (0.36-2.59) |
| Total | 314 (3.3) | | 232 (2.5) | | 546 (2.9) | |
| No. of intramuscular injections | | | | | | |
| None | 111 (1.9) | 1 | 87 (1.7) | 1 | 198 (1.8) | 1 |
| < 5 | 359 (3.1) | 1.68 (1.35-2.09) | 215 (2.0) | 1.13 (0.87-1.47) | 574 (2.5) | 1.42 (1.20-1.68) |
| 5-10 | 177 (3.3) | 1.83 (1.43-2.34) | 114 (2.2) | 1.87 (1.54-2.26) | 291 (2.8) | 1.55 (1.29-1.81) |
| > 10 | 62 (4.4) | 2.43 (1.75-3.37) | 31 (2.0) | 1.17 (0.76-1.80) | 93 (3.2) | 1.78 (1.38-2.30) |
| Total | 709 (2.9) | | 447 (2.0) | | 1156 (2.5) | |
| Types of syringes | | | | | | |
| None | 115 (1.9) | 1 | 83 (1.7) | 1 | 198 (1.8) | 1 |
| New disposable | 201 (2.5) | 1.35 (1.06-1.71) | 124 (1.6) | 0.96 (0.72-1.29) | 325 (2.1) | 1.16 (0.97-1.39) |
| Re-used syringes | 332 (3.7) | 1.99 (1.60-2.49) | 206 (2.4) | 1.40 (1.08-1.83) | 538 (3.0) | 1.71 (1.44-2.02) |
| Don't know | 65 (4.6) | 2.48 (1.80-3.42) | 30 (2.2) | 1.30 (0.83-2.02) | 95 (3.4) | 1.92 (1.48-2.47) |
| Total | 706 (2.9) | | 450 (2.0) | | 1156 (2.5) | |

CI = confidence interval; OR = odds ratio.