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| **Supplemental Table:** HIV, Viral Hepatitis, and Co-infection prevalence by province |
|  | **Province** |
| **Sero-marker** | **Hanoi** | **Hai Phong** | **Quang Ninh** | **Nghe An** | **Yen Bai** | **Da Nang** | **Dong Nai** | **HCMC** | **Can Tho** | **An Giang** |
| HIV % (95% CI) | 14.1 (9.1, 19.0) | 48.0, 42.3, 53.7)  | 55.5 (49.9, 61.1) | 23.8 (19.0, 28.7) | 37.1 (32.0, 42.2) | 1 (0, 2.4) | 28.7 (23.5, 33.8) | 52.4 44.2, 60.6) | 27.6 (19.8, 35.4) | 15.7 (11.5, 19.8) |
| HBsAg+ % (95% CI) | 17.8 (12.1, 23.5) | 15.4 (11.3, 19.5) | 11.7 (8.1, 15.4) | 12.8 (9.0, 16.5) | 12.1 (8.6, 15.5) | 16.7 (11.9, 21.5) | 11.7 (8.0, 15.3) | 28.0 (18.9, 37.2) | 12.2 (7.5, 16.7) | 15.7 (11.5, 19.8) |
| HIV+ | 15.6 | 17.5 | 9.6 | 15.5 | 14.7 | 66.7 | 15.1 | 25.9 | 15.7 | 17 |
| HIV- | 18.1 | 13.6 | 14.3 | 11.9 | 10.5 | 16.5 | 10.3 | 22.8 | 13.3 | 15.4 |
| HBsAg-/total anti-HBc+ % (95% CI) | 67.1 (58.1, 76.0) | 71.3 (65.7, 76.8) | 79.4 (74.5, 84.3) | 62.1 (56.3, 68.0) | 79.0 (74.5, 83.5) | 49.9 (41.8, 58.1) | 56.2 (50.2, 62.2) | 83.1(77.6,88.5) | 77.2 (68.8, 85.7) | 71.5 (65.9, 77.0) |
| HIV+ | 80.1 | 82.5 | 89.1 | 31.7 | 85 | 100 | 75.3 | 77.6 | 82.2 | 77.5 |
| HIV- | 52.3 | 61.2 | 67 | 68.3 | 62.4 | 51.1 | 49 | 78.1 | 71.9 | 70.4 |
| HCV Ag/Ab+ % (95% CI) | 51.0 (42.3, 59.7) | 75.8 (71.0, 80.7) | 84.6 (80.5, 88.7) | 53.0 (47.3, 58.7) | 87.4 (83.9, 90.9) | 10.9 (7.3, 14.5) | 41.9 (36.3, 47.6) | 71.0 (63.6, 78.4) | 54.6 (45.2, 64.1)  | 44.7 (39.0, 50.3) |
| HIV+ | 35.5 | 93.7 | 99.4 | 95.8 | 98.5 | \*\*  | 89.5 | 97.2 | 98.8 | 91.5 |
| HIV- | 64.5 | 59.4 | 66.2 | 39.7 | 80.8 | 10.9 | 22.6 | 44.9 | 69.4 | 36 |
| **Hepatitis and HIV prevalence (among all enrollees with a recorded result)**   |
| HBsAg+/HIV+ % (95% CI) | 2.2 (0.3, 4.0) | 8.4 (5.2, 11.5) | 5.4 (2.8, 7.9) | 3.7 (1.5, 5.8)  | 5.5 (3.1, 7.9) | 0.9 (0, 2.3) | 4.3 (2.0, 6.6) | 13.4 (7.5, 19.4) | 4.9 (1.9, 7.8) | 2.7 (0.8, 4.5) |
| anti-HBc+/HIV+ % (95% CI)  | 13.4 (7.7, 19.2) | 39.0 (33.0, 45.0) | 50 (43.9, 56.1) | 19.7 (14.9, 24.5) | 32.0 (26.8 (37.1) | 0.1 (0, 0.2) | 20.8 (15.9, 25.6) | 38.7 (29.9, 47.4) | 18.7 (12.0, 25.5) | 12.1 (8.1, 16.1) |
| HCV Ag/Ab+/HIV+ % (95% CI) | 14.1 | 50 | 55.2 | 22.8 | 36.5 |   | 25.8 | 46.4 | 26.8 | 14.3 |
| HBsAg+/HCV Ag/Ab+/HIV+ % (95% CI) | 0.3 (0, 0.8) | 1.2 (0.2, 3.2) | \*\* | 1.7 (0.2, 3.2) | 2.9 (1.1, 4.8) | \*\* | \*\* | \*\* | \*\* | 0.3 (0, 1.0) |
| \* indicate p-value <0.005 | \*\* no observations  |   |   |   |   |   |   |   |   |   |
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