**Table 1. Characteristics of the sample and low serum vitamin D prevalence/correlation values, United Arab Emirates, 2012–2014**

| Variable | No. (%) | 25(OH) D mean (SD) ng/mL | Correlation | | |
|---|---|---|---|---|---|
| | | | *r* value | CI | *P* |
| Total | 7924 (100) | 19.9 (11.3) | NA | NA | NA |
| Males | 2418 (30.5) | 20.6 (11.3) | | | |
| Females | 5506 (69.5) | 19.8 (11.29) | 0.028 | 0.006–0.050 | 0.01 |
| Locals | 1137 (14.3) | 19.1 (11.1) | | | |
| Non-locals | 6787 (85.7) | 20.07 (11.3) | 0.11 0 | 0.093–0.136 | 0.0001 |
| *Age (years)* | | | | | |
| 0–16 | 425 (5.3) | 22.3 (0.1) | | | |
| 17–31 | 1944 (24.5) | 17.8 (11.4) | | | |
| 32–46 | 4097 (51.7) | 19.8 (11.0) | 0.080 | 0.057–0.101 | < 0.0001 |
| > 47 | 1458 (18.4) | 22.1 (11.5) | | | |
| *25(OH) D (ng/mL)* | | | | | |
| < 30 | 6767 (85.4) | NA | NA | NA | NA |
| 30–50 | 996 (12.5) | NA | NA | NA | NA |
| > 50 | 161 (2.1) | NA | NA | NA | NA |

*NA = not appropriate*