Supplemental Table 1. Demographics for first adulta blood lead test records

(n = 21 674) in South Carolina (SC), 2010-2015.

|  |  |  |  |
| --- | --- | --- | --- |
| **Demographics** | **No. Tests (%)** | **Mean BLL (SD)b** | **P-valuec** |
| **Year** |  |  |  |
| 2010 | 5 145 (23.7) | 2.8 (5.8) | <0.0001 |
| 2011 | 3 672 (16.9) | 2.4 (4.4) |
| 2012 | 3 076 (14.2) | 2.5 (5.0) |
| 2013 | 3 544 (16.4) | 2.2 (4.3) |
| 2014 | 3 583 (16.5) | 2.7 (5.0) |
| 2015 | 2 654 (12.3) | 2.4 (4.1) |
| **Type of Test** |  |  |  |
| Blood capillary | 446 (2.1) | 2.2 (4.2) | 0.02 |
| Blood venous | 14 175 (65.4) | 2.5 (4.7) |
| Unknown | 7 007 (32.3) | 2.6 (5.3) |
| Missing | 46 (0.2) | 4.4 (4.5) |
| **Age Group** |  |  |  |
| 16-24 | 2 402 (11.1) | 2.3 (5.0) | <0.0001 |
| 25-34 | 3 679 (17.0) | 2.7 (5.3) |
| 35-44 | 3 977 (18.4) | 2.9 (5.8) |
| 45-54 | 4 067 (18.8) | 2.8 (5.4) |
| 55-64 | 3 409 (15.8) | 2.5 (4.7) |
| 65+ | 4 115 (19.0) | 1.9 (2.6) |
| Missing | 25 (0.12) | 4.5 (5.7) |
| **Race/Ethnicity** |  |  |  |
| Non-Hispanic black | 477 (2.2) | 3.2 (5.3) | 0.02 |
| Non-Hispanic white | 1 329 (6.1) | 2.6 (4.9) |
| Other | 115 (0.5) | 2.1 (2.7) |
| Missing | 19 753 (91.1) | 2.5 (4.9) |
| **Sex** |  |  |  |
| Male | 14 079 (65.0) | 3.1 (5.6) | <0.0001 |
| Female | 7 389 (34.0) | 1.5 (3.0) |
| Missing | 206 (1.0) | 2.6 (3.8) |
| **DHEC Region** |  |  |  |
| Lowcountry | 4 412 (20.4) | 1.9 (3.3) | <0.0001 |
| Midlands | 3 317 (15.3) | 2.6 (4.2) |
| Pee Dee | 3 102 (14.3) | 2.8 (5.1) |
| Upstate | 3 665 (16.9) | 2.0 (5.4) |
| Missing | 7 178 (33.1) | 3.0 (5.5) |

aIndividuals aged ≥16; restricted to first test temporally if multiple tests for an individual reported in time period.

bBLL: blood lead level; SD: standard deviation.

cFor ANOVA comparisons of mean BLL by demographic category. Records missing that demographic information were excluded from the ANOVA analysis.