|  |  |  |  |
| --- | --- | --- | --- |
| Maternal sociodemographic characteristics | Included in analytic sample, % (n=200) | Not included in analytic sample, % (n=808) | P, Chi square |
|  |  |  |  |
| Maternal age at 2nd trimester lead assessment, y |  |  | 0.21 |
|  <25 | 32% | 44% |  |
|  25 to <30 | 36% | 31% |  |
|  30 to <35 | 18% | 18% |  |
|  ≥35 | 15% | 7% |  |
|  |  |  |  |
| Maternal parity, number of previous pregnancies |  |  | 0.20 |
|  0 or 1 | 39% | 38% |  |
|  2 | 34% | 36% |  |
|  ≥3  | 28% | 26% |  |
|  |  |  |  |
| Maternal education, y |  |  | 0.21 |
|  Did not complete secondary (<9) | 14% | 12% |  |
|  Completed some high school (9 to <12) | 39% | 40% |  |
|  Completed high school (12) | 33% | 32% |  |
|  Higher education (>12) | 15% | 16% |  |
|  |  |  |  |

**SUPPLEMENTAL TABLES**

**Table S1**. Maternal sociodemographic characteristics among participants included in the analytic sample compared to participants not included in analytic sample

**Table S2**. Probability of menarche among Mexican schoolgirls according to prenatal Pb exposure (continuous variable)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Current status model (Interval-censored) |  | Age at menarche model (Conventional Cox) |
| Prenatal lead exposure | Hazard ratio (95% CI)1 | Adjusted hazard ratio (95% CI)1,2 |  | Hazard ratio (95% CI)3 | Adjusted hazard ratio (95% CI)2,3 | Adjusted hazard ratio, <14.5 y at interview (95% CI)2,3,4 |
| 1st trimester, n = 195 |  |  |  |  |  |  |
|  Continuous Pb, per µg/dL | 0.98(0.93, 1.03) | 0.99(0.93, 1.04) |  | 1.01(0.97, 1.04) | 1.02(0.98, 1.06) | 0.99(0.92, 1.06) |
|  P value  | 0.55 | 0.61 |  | 0.65 | 0.32 | 0.79 |
|  |  |  |  |  |  |  |
| 2nd trimester, n = 200 |  |  |  |  |  |  |
|  Continuous Pb, per µg/dL | 0.98(0.92, 1.03) | 0.98(0.91, 1.04) |  | 0.98(0.94, 1.02) | 1.00(0.95, 1.04) | 0.97(0.90, 1.04) |
|  P value | 0.39 | 0.42 |  | 0.37 | 0.92 | 0.41 |
|  |  |  |  |  |  |  |
| 3rd trimester, n = 187 |  |  |  |  |  |  |
|  Continuous Pb, per µg/dL | 0.98(0.93, 1.04) | 0.99(0.92, 1.05) |  | 1.00(0.96, 1.04) | 1.01(0.97, 1.05) | 0.99 (0.92, 1.06) |
|  P value | 0.49 | 0.69 |  | 0.99 | 0.75 | 0.78 |

1From interval-censored Cox regression models, with status of menarche from birth through age during sexual maturation interview as the outcome

2Adjusted for maternal age, maternal parity, maternal education, and prenatal calcium treatment status

3From Cox regression models with self-reported age at menarche as the outcome

4 Restricted sample sizes are 141, 138, and 133 for 1st, 2nd, and 3rd trimesters, respectively