| Table 1. Sociodemographic characteristics of participants, MIREC study, Canada, 2008-11 (n = 601). | | |
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| Variable | n (%) | Mean SRS-2 score (SD) |
| All | 601 (100.0) | 45.3 (6.1) |
| Child sex |  |  |
| Male | 290 (48.3) | 46.6 (6.5) |
| Female | 311 (51.7) | 44.2 (5.3) |
| Maternal age at enrollment (years) |  |  |
| 18 - 29 | 132 (22.0) | 46.7 (5.6) |
| 30 - 35 | 292 (48.6) | 45.3 (6.4) |
| ≥36 | 177 (29.5) | 44.4 (5.8) |
| Living with partner |  |  |
| Yes | 580 (96.5) | 45.2 (6.0) |
| No | 21 (3.5) | 48.8 (7.3) |
| Maternal race |  |  |
| White | 539 (89.7) | 45.1 (6.1) |
| Other | 62 (10.3) | 47.1 (5.7) |
| Education level |  |  |
| High school or less | 30 (5.0) | 47.8 (7.1) |
| College or trade school | 167 (27.8) | 46.2 (5.8) |
| Undergraduate university degree | 239 (39.8) | 45.4 (6.6) |
| Graduate university degree | 163 (27.1) | 44.0 (5.1) |
| Missing | 2 (0.3) |  |
| Annual household income ($CAD) |  |  |
| ≤$40,000 | 61 (10.1) | 47.9 (6.1) |
| $40,001 - $80,000 | 173 (28.8) | 46.3 (6.3) |
| $80,001 - $100,000 | 116 (19.3) | 45.1 (6.1) |
| >$100,000 | 231 (38.4) | 44.1 (5.6) |
| Missing | 20 (3.3) |  |
| Parity |  |  |
| Nulliparous | 261 (43.4) | 46.1 (6.1) |
| Uniparous | 251 (41.8) | 44.6 (5.7) |
| Multiparous | 89 (14.8) | 45.1 (6.9) |
| HOME score |  |  |
| ≥48 (median) | 323 (53.7) | 44.3 (5.3) |
| <48 (median) | 260 (43.3) | 46.7 (6.7) |
| Missing | 18 (3.0) |  |
| Smoked during pregnancy |  |  |
| Yesᵃ | 47 (7.8) | 48.2 (6.8) |
| No | 554 (92.2) | 45.1 (6.0) |
| Year of enrollment |  |  |
| 2008 | 10 (1.7) | 48.0 (5.0) |
| 2009 | 187 (31.1) | 45.2 (6.1) |
| 2010 | 381 (63.4) | 45.3 (6.1) |
| 2011 | 23 (3.8) | 46.0 (6.2) |
| Child age at SRS assessment |  |  |
| ≥40 months (median) | 322 (53.6) | 45.0 (6.5) |
| <40 months (median) | 279 (46.4) | 45.8 (5.5) |
| First trimester fish consumption |  |  |
| 0-2 times per month | 220 (36.6) | 45.8 (6.1) |
| 3-7 times per month | 209 (34.8) | 45.3 (6.3) |
| ≥8 times per month | 169 (28.1) | 44.9 (5.7) |
| Missing | 3 (0.5) |  |
| Folic acid supplementationᵇ |  |  |
| <400 µg per day | 34 (5.7) | 45.4 (5.5) |
| 400 - 1000 µg per day | 423 (70.4) | 45.3 (6.2) |
| >1000 µg per day | 144 (24.0) | 45.4 (6.0) |
| Plasma total folate concentrationsᶜ |  |  |
| <10ᵗʰ percentile (65.6 nmol/L) | 48 (8.0) | 45.5 (6.6) |
| 10ᵗʰ - 80ᵗʰ percentile | 409 (68.1) | 45.3 (6.2) |
| >80ᵗʰ percentile (125 nmol/L) | 116 (19.3) | 45.4 (5.6) |
| Missing | 28 (4.7) |  |
| Unmetabolized folic acid concentrations |  |  |
| ≤80ᵗʰ percentile | 461 (76.7) | 45.6 (6.4) |
| >80ᵗʰ percentile (13.6 nmol/L) | 112 (18.6) | 44.5 (4.9) |
| Missing | 28 (4.7) |  |
| a: Includes current smokers and individuals who quit during pregnancy. 'Non-smoker' includes participants who did not smoke and former smokers.   b: Folic acid supplementation was primarily measured via a survey conducted at 16 weeks gestation, which queried intake in the past 30 days. We also used data from the 24-hour recall version of this survey and a questionnaire completed at study enrollment (6-13 weeks gestation).   c: Sum of 5-formyl-THF, 5-10-methylene-THF, THF, UMFA, 5-methyl-THF.  Abbreviations: CAD, Canadian dollar; HOME, Home Observation for Measurement of the Environment; MIREC, Maternal-Infant Research on Environmental Chemicals Study; SD, Standard Deviation; SRS, Social Responsiveness Scale. | | |