

Appendix 7 (as supplied by the authors): Baseline characteristics of the sibling cohort ^a

	All subjects N=64 019	Prenatal antibiotic exposure	
		No (N= 33 309)	Yes (N=30 710)
Male	32 662 (51.0)	16 972 (51.0)	15 690 (51.1)
Urban region	30 884 (48.2)	15 745 (47.3)	15 139 (49.3)
Socioeconomic status (SES)^b:			
High	4920 (7.7)	2539 (7.6)	2381 (7.8)
Middle	20 473 (32.0)	10 715 (32.2)	9758 (31.8)
Low-mid	19 859 (31.0)	10 220 (30.7)	9639 (31.4)
Low	18 767 (29.3)	9835 (29.5)	8932 (29.1)
Received income assistance ^c	16 803 (26.3)	8101 (24.3)	8702 (28.3)
Mothers age at delivery ^d	27.4 (5.6)	27.4 (5.6)	27.4 (5.6)
Breastfeeding initiation ^e	49 222 (77.2)	25 664 (77.4)	23 558 (77.0)
Preterm delivery ^f	4506 (7.1)	2330 (7.0)	2176 (7.1)
Small for gestational age ^g	4324 (6.8)	2241 (6.7)	2083 (6.8)
Caesarian section	1192 (17.3)	5660 (17.0)	5432 (17.7)
Birth complications	4845 (7.6)	2512 (7.5)	2333 (7.6)
Firstborn child	17 744 (27.7)	9638 (28.9)	8106 (26.4)
Prenatal alcohol/drug use ^h	5625 (13.4)	2783 (12.9)	2842 (14.0)
Prenatal smoking ⁱ	9470 (22.2)	4542 (20.7)	4928 (23.8)
Maternal medical conditions:			
Mood and anxiety disorders	11 806 (18.4)	5648 (17.0)	6158 (20.1)
Asthma	4881 (7.6)	1882 (5.7)	2999 (9.8)
Developmental disabilities	1309 (2.0)	646 (1.9)	663 (2.2)
^a Numbers (percentage) unless otherwise specified. Percentages are calculated based on non-missing data ^b Socioeconomic factor index, a neighborhood level measure based on Canada census, was categorized with cut off points within one standard deviation from the mean into high, middle, low middle and low SES ^c Defined as receiving income assistance for at least two months within 1 year before to 18 months after index date ^d Mean (Standard deviation) ^e Missing for 270 (0.4%) subjects ^f Defined as gestation age less than 37 weeks, missing for 77 (0.1%) subjects ^g Defined as having birth weight below the 10 th percentile for the gestational age and sex. Missing for 106 (0.2%) subjects ^h Missing data for 22 172 (34.6%) subjects ⁱ Missing data for 21 385 (33.4%) subjects			