

Supplementary Table S1. Pearson correlations among the investigated local PM_{2.5} sources.

	All-source PM _{2.5}	Tailpipe exhaust	Vehicle wear-and- tear	Small-scale residential heating
All-source PM _{2.5}	1			
Tailpipe exhaust	0.90	1		
Vehicle wear-and- tear	0.88	0.92	1	
Small-scale residential heating	0.75	0.61	0.44	1

All p-values <0.001.

Supplementary Table S2. Decrease and (95% confidence intervals) of birth weight (grams) associated with an inter-quartile range (IQR)* increase in exposure concentrations of the investigated local PM_{2.5} sources during pregnancy. Adjusted for maternal education, annual household disposable income, parity, maternal BMI, maternal smoking at first antenatal visit and: birth year and birth month, gestational days, neighbourhood income levels.

	Birth year and birth month	Gestational days	Neighbourhood SES
All-source PM _{2.5}	36 (27-45)	31 (22-39)	32 (22-44)
Tailpipe exhaust	35 (26-43)	30 (22-39)	30 (20-41)
Vehicle wear-and-tear	30 (22-38)	29 (21-37)	32 (22-43)
Small-scale residential heating	30 (22-39)	12 (5-19)	13 (4-22)

* IQRs: all-source PM_{2.5}=0.99 µg/m³, tailpipe exhaust=0.12 µg/m³, vehicle wear-and-tear=0.31 µg/m³, and small-scale residential heating=0.33 µg/m³.

Supplementary Table S3. Odds ratios and their (95% confidence intervals) of low birth weight (LBW; <2,500 grams) associated with an inter-quartile range (IQR)* increase in exposure concentrations of the investigated local PM_{2.5} sources during pregnancy. Adjusted for maternal education, annual household disposable income, parity, maternal BMI, maternal smoking at first antenatal visit and: birth year and birth month, gestational days, neighbourhood income levels (SES).

	Birth year and birth month	Gestational days	Neighbourhood SES
All-source PM _{2.5} [‡]	1.04 (0.90-1.20)	1.01 (0.88-1.17)	1.06 (0.89-1.25)
Tailpipe exhaust	1.03 (0.90-1.19)	1.01 (0.87-1.16)	1.05 (0.89-1.24)
Vehicle wear-and-tear	1.01 (0.88-1.16)	0.92 (0.80-1.11)	1.05 (0.89-1.24)
Small-scale residential heating	1.09 (0.98-1.23)	1.14 (1.04-1.26)	1.13 (1.01-1.27)

* IQRs: all-source PM_{2.5}=0.99 µg/m³, tailpipe exhaust=0.12 µg/m³, vehicle wear-and-tear=0.31 µg/m³, and small-scale residential heating=0.33 µg/m³.

Supplementary Figure S1. Box-plot graphs describing the distributions of PM_{2.5} concentration from all local sources, small-scale residential heating, tailpipe exhaust and vehicle wear-and-tear in µg/m³.



