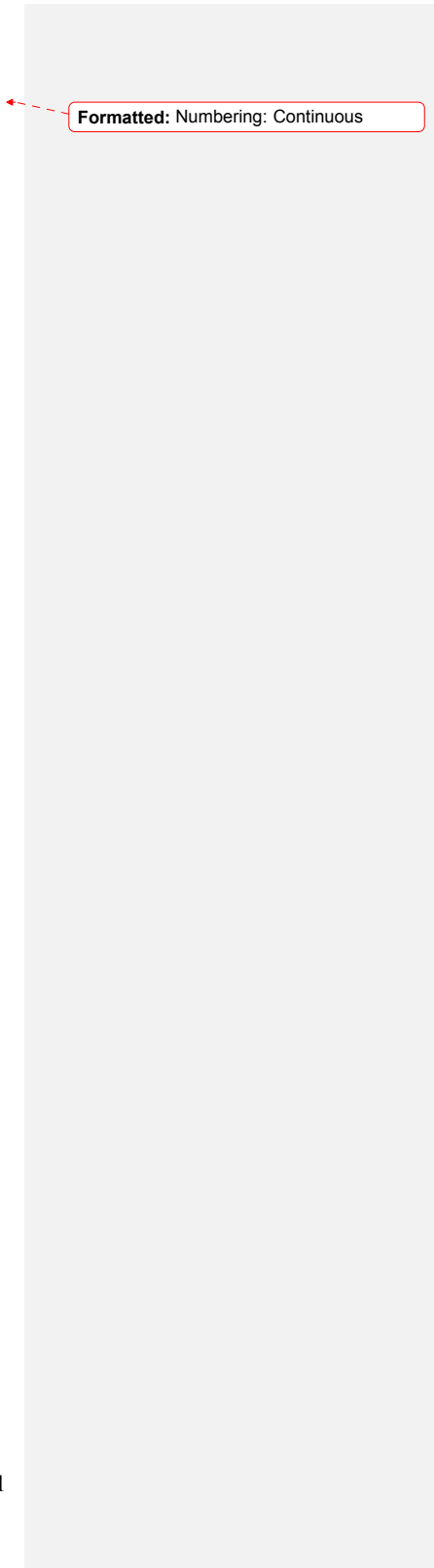**Online-only Material**

eTable 1: Demographic characteristics of CHARGE subjects (N=524).

eFigure 1a: Distribution of traffic related air pollution (TRP) estimates for the first year of life, pregnancy, and each trimester*. *Mean and (standard deviation (SD)) for each time point are included as text.

eFigure 1b: Distribution of regional pollutant measures for the first year of life, pregnancy, and each trimester*. *Mean and (standard deviation (SD)) for each time point are included as text.
$PM_{2.5}$ = particulate matter < 2.5µm aerodynamic diameter, PM_{10} = particulate matter < 10µm aerodynamic diameter, ppb = parts per billion

15   **eTable 1: Demographic characteristics of CHARGE subjects (N=524).**

	Cases N=279	Controls N=245	p-value
Male Gender	87%	82%	0.11
Child's Ethnicity			0.15
Non-Hispanic Caucasian	51%	50%	
Hispanic	30%	30%	
Non-Hispanic Black	1%	2%	
Non-Hispanic Asian	7%	3%	
Other*	11%	16%	
Maximum Education in Home			0.95
High School or Less	7%	8%	
Some College	29%	30%	
Bachelor Degree	36%	37%	
Graduate or Professional Degree	28%	25%	
Maternal Smoking During Pregnancy**	9%	7%	0.37
Maternal Age ≥35	28%	25%	0.44

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17   *Other= mixed race, or other reported races including native American, Indian, East Indian, Cuban, or Mexican-American
18   **Mother reported smoking at any time during pregnancy
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