

Supplementary

Table S1. Mean PM_{2.5} concentration by month and UK nation/English region. Geometric means were calculated for all regions and overall by month and year, and then the arithmetic mean calculated for each month in the analysis period in 2017–2019.

Nation/Region	Number of Monitors	Mean PM _{2.5} (µg/m ³)			
		April 2017–2019	August 2017–2019	April 2020	August 2020
East Midlands	5	10.9	7.3	13.4	6.6
Eastern	4	14.3	10.8	16.3	8.7
London	11	14.9	9.4	16.1	7.9
North East	5	8.4	6.7	11.2	6.4
North West	9	11.3	6.2	12.2	6.0
Northern Ireland	3	8.0	4.7	11.7	4.6
Scotland	8	6.6	4.2	8.7	4.4
South East	10	15.6	8.4	15.4	7.1
South West	6	17.3	7.0	13.0	5.9
Wales	7	13.6	7.4	14.1	7.4
West Midlands	8	11.1	6.9	14.1	7.1
Yorkshire and the Humber	7	10.8	7.0	13.6	7.6
<i>Overall</i>	83	11.9	7.2	13.3	6.6

Table S2. PM_{2.5} peak height distributions for smoking and cooking episodes.

Episode Type	Median PM _{2.5} Peak Height (IQR), µg/m ³	Mean PM _{2.5} Peak Height (SD), µg/m ³	Range, µg/m ³
Cooking	7 (4–30)	38 (93)	2–755
Smoking	116 (39–311)	204 (208)	25–1,121