

Supplementary table 1: Results of PM_{2.5} monitoring by prison (median concentrations)

Prison	Duration (minutes)	Median 6-day (2018) PM _{2.5} (IQR) (µg/m ³)	Outdoor mean PM _{2.5} (µg/m ³)	Median pre-ban (Nov18) period PM _{2.5} (µg/m ³)	Median post-ban (Dec18) period PM _{2.5} (µg/m ³)	Change after ban (%)	Change between 2016 and post-ban (Dec18) (%)
1	3469	2.3 (1.5-4.3)	4.3	5.4*	2.3*	-58	-70
2	8632	15.8 (10.9-18.7)	6.9	16.3	9.2	-44	-61
3	7661	3.5 (2.4-5)	5.0	4.1	3.2	-21	-86
4	8648	6.6 (2.5-13.2)	4.9	12.2	2.2	-82	-80
5	8641	3.3 (2.2-4.4)	6.7	11.3	2.6	-77	-90
6	8635	13.1 (6.8-16.3)	6.4	16.1	5.8	-64	-50
7	8640	11.4 (7.4-15.7)	5.8	14.0	10.9	-23	-71
8	7244	9.4 (4.9-13.3)	3.9	16.4†	9.5†	-42	-72
9	7322	2.9 (1.7-5.8)	4.9	14.8	1.5	-90	-88
10	8637	4.6 (2.7-10)	4.7	12.6	2.3	-82	-84
11	2606	4 (2.2-7.5)	5.3	‡	5.2	‡	-89
12	8640	2.9 (1.9-4.9)	6.9	5.1	2.0	-62	-85
13	8636	11.5 (6.2-14.9)	5.0	13.1	7.4	-43	-65
14	8267	4.6 (3-8.1)	5.8	6.6	4.2	-36	-87
15	8625	3 (2.1-4.8)	4.3	3.9	2.0	-49	-64
Median		4.6 (3-11.4)	5.0	12.4	3.2	-53.5	-80

* Comparison of pre- and post-ban data at prison 1 used the periods from 09:03 to 22:06 on 28 November and on 3 November.

† Comparison of pre- and post-ban data at prison 8 used the periods from 09:00 to 23:59 on 29 November and on 3 November.

‡ Prison 11's monitor started recording after 14:00 on 2 December (post-ban) so no pre-ban data is available for this site.