

Supplemental Table 1. Concentrations of the air pollutants and meteorological factors in Seongbuk-gu, Korea (2008–2010)

	PM _{2.5} (µg/m ³)	NO ₂ (ppb)	O ₃ (ppb)	CO (10 ppm)	SO ₂ (ppb)	Temperature (°C)	Dew point (°C)
Overall							
Mean ± SD	23.2 ± 11.5	36.2 ± 12.0	47.6 ± 27.4	8.0 ± 4.3	3.9 ± 2.1	17.4 ± 8.1	6.4 ± 9.5
Median	22.0	34.4	41.0	7.0	3.4	19.6	7.8
Range	5.0, 75.8	9.8, 77.3	2.0, 140.0	3.0, 27.0	1.0, 13.9	-7.2, 29.2	-25.6, 21.9
IQR	13.2	14.4	38.5	4.0	2.3	14.0	14.5
Spring ¹							
Mean ± SD	23.0 ± 10.3	38.0 ± 12.5	41.7 ± 18.7	7.4 ± 2.5	3.9 ± 1.8	12.6 ± 5.2	0.8 ± 7.5
Median	20.2	36.0	37.0	7.0	3.9	13.4	1.3
Range	6.6, 57.9	12.8, 71.6	2.0, 101.0	3.0, 13.0	1.0, 9.8	1.8, 23.9	-18.5, 16.1
IQR	11.1	20.1	23.0	5.0	2.4	8.9	9.1
Summer ²							
Mean ± SD	19.9 ± 11.4	30.2 ± 7.6	62.9 ± 30.9	6.2 ± 2.0	2.9 ± 0.9	24.9 ± 2.0	14.4 ± 5.2
Median	18.0	29.2	61.0	6.0	2.7	24.9	15.8
Range	6.0, 75.8	16.6, 48.8	5.0, 140.0	3.0, 15.0	1.3, 7.1	19.1, 29.2	-0.7, 21.9
IQR	15.5	10.0	42.0	2.0	1.1	2.7	6.5
Fall ³							
Mean ± SD	23.7 ± 9.6	36.7 ± 10.5	50.1 ± 25.1	8.0 ± 3.6	3.9 ± 1.9	19.8 ± 6.0	9.0 ± 6.1
Median	24.0	36.1	51.0	7.0	3.6	22.4	9.1
Range	5.0, 54.0	14.5, 77.3	8.0, 97.0	4.0, 18.0	1.4, 10.2	5.7, 25.6	-15.2, 17.7
IQR	13.0	11.6	49.0	3.0	1.8	6.4	7.1
Winter ⁴							
Mean ± SD	32.2 ± 16.5	45.5 ± 16.7	15.3 ± 10.1	15.2 ± 7.8	7.2 ± 2.7	3.5 ± 5.4	-7.3 ± 8.6
Median	33.0	50.2	16.0	16.0	7.4	5.7	-2.8
Range	6.0, 65.0	9.8, 65.9	2.0, 30.0	3.0, 27.0	2.6, 13.9	-7.2, 9.4	-25.6, 3.3
IQR	18.0	23.6	23.0	15.0	2.3	6.8	8.7

PM_{2.5}, particulate matter ≤2.5 µm; NO₂, nitrogen dioxide; O₃, ozone; CO, carbon monoxide; SO₂, sulfur dioxide; IQR, interquartile range; ppb, parts per billion; ppm, parts per million; SD, standard deviation.

¹March, April, or May.

²June, July, or August.

³September, October, or November.

⁴December, January, or February.