

PM 2.5 exposure summary

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Table 1: Mean and standard deviation of PM 2.5 components, 2009-2017

year	PM25	BC	DUST	NH4	NO3	OM	SO4	SS
2009	6.77, (2.25)	0.48, (0.25)	0.64, (0.41)	0.61, (0.34)	0.61, (0.55)	1.94, (0.83)	1.38, (0.81)	0.16, (0.25)
2010	6.83, (2.65)	0.49, (0.28)	0.67, (0.31)	0.55, (0.36)	0.65, (0.64)	2000, (0.99)	1.34, (0.87)	0.14, (0.24)
2011	6.97, (2.44)	0.48, (0.26)	0.54, (0.40)	0.50, (0.29)	0.59, (0.52)	2.07, (1.04)	1.33, (0.81)	0.20, (0.28)
2012	6.91, (1.83)	0.47, (0.18)	0.75, (0.44)	0.37, (0.22)	0.54, (0.45)	2.21, (0.81)	1.16, (0.65)	0.17, (0.26)
2013	6.49, (1.89)	0.40, (0.19)	0.55, (0.34)	0.34, (0.22)	0.57, (0.46)	1.80, (0.77)	1.08, (0.59)	0.17, (0.22)
2014	6.19, (2.14)	0.40, (0.20)	0.63, (0.41)	0.39, (0.26)	0.59, (0.52)	1.82, (0.80)	1.05, (0.61)	0.15, (0.19)
2015	6.10, (1.88)	0.41, (0.17)	0.59, (0.36)	0.27, (0.21)	0.48, (0.43)	2.15, (0.79)	0.92, (0.51)	0.16, (0.20)
2016	5.41, (1.93)	0.33, (0.18)	0.52, (0.37)	0.16, (0.14)	0.42, (0.35)	1.90, (0.97)	0.75, (0.43)	0.15, (0.20)
2017	5.70, (2.04)	0.44, (0.21)	0.48, (0.34)	0.17, (0.12)	0.44, (0.33)	2.66, (1.40)	0.73, (0.36)	0.18, (0.26)

Table 2: Median, 25% and 75% percentiles of PM 2.5 components, 2009-2017

year	PM25	BC	DUST	NH4	NO3	OM	SO4	SS
2009	6.4 [4.8, 8.6]	0.4 [0.3, 0.6]	0.5 [0.4, 0.8]	0.6 [0.3, 0.8]	0.4 [0.2, 0.8]	1.7 [1.3, 2.5]	1.2 [0.6, 2.1]	0.1 [0, 0.2]
2010	6.2 [4.4, 9.1]	0.4 [0.3, 0.7]	0.6 [0.4, 0.9]	0.5 [0.2, 0.8]	0.4 [0.2, 0.9]	1.7 [1.2, 2.6]	1.2 [0.5, 2.1]	0.1 [0, 0.1]
2011	6.6 [4.7, 9.1]	0.4 [0.3, 0.7]	0.5 [0.3, 0.7]	0.5 [0.2, 0.7]	0.4 [0.2, 0.8]	1.8 [1.2, 2.7]	1.1 [0.6, 2.1]	0.1 [0.1, 0.2]
2012	6.8 [5.4, 8.4]	0.4 [0.3, 0.6]	0.7 [0.4, 1]	0.3 [0.2, 0.5]	0.4 [0.2, 0.8]	2 [1.7, 2.6]	1.1 [0.6, 1.7]	0.1 [0, 0.2]
2013	6.4 [4.9, 8]	0.4 [0.2, 0.5]	0.4 [0.3, 0.7]	0.3 [0.2, 0.4]	0.4 [0.2, 0.8]	1.7 [1.1, 2.3]	1 [0.5, 1.6]	0.1 [0, 0.2]
2014	5.9 [4.3, 7.9]	0.3 [0.2, 0.5]	0.5 [0.3, 0.8]	0.4 [0.2, 0.5]	0.4 [0.2, 0.8]	1.7 [1.2, 2.3]	0.9 [0.5, 1.6]	0.1 [0, 0.2]
2015	5.9 [4.6, 7.5]	0.4 [0.3, 0.5]	0.5 [0.4, 0.7]	0.2 [0.1, 0.4]	0.4 [0.2, 0.6]	2.1 [1.6, 2.7]	0.8 [0.4, 1.4]	0.1 [0.1, 0.2]
2016	5.2 [3.8, 7.1]	0.3 [0.2, 0.5]	0.4 [0.3, 0.7]	0.1 [0.1, 0.2]	0.3 [0.2, 0.6]	1.7 [1.1, 2.5]	0.7 [0.3, 1.1]	0.1 [0, 0.2]
2017	5.6 [4.3, 7.1]	0.4 [0.3, 0.6]	0.4 [0.3, 0.6]	0.1 [0.1, 0.2]	0.4 [0.2, 0.6]	2.4 [1.8, 3.3]	0.7 [0.4, 1]	0.1 [0, 0.2]