

ng m ^{−3}	PM _{2.5}		PM _{2.5}		PM _{2.5}	PM _{2.5}	PM _{2.5}
	Mean	Median	Mean	range	Summer and winter mean	Mean ± SD	Mean ± SD
Sampling	Dec 2013–Mar 2016 (<i>n</i> = 850)		Summer 1987 (<i>n</i> = 27)		Summer 1982 and winter 1982–1983 (<i>n</i> = 29)	Sep 2005–Aug 2006 (<i>n</i> = 109)	Four short-term seasonal campaigns Jun 2011–Feb 2013 (<i>n</i> = 211)
Location	Athens urban		Athens urban		Athens urban	Athens urban	Athens urban
Reference	This study		Scheff and Valiozis (1990)		Valaoras et al. (1988)	Theodosi et al. (2011)	Paraskevopoulou et al. (2015)
PM _{2.5}	19.1 ± 7.1	15.5	80.7	27–127		29.4 ± 10.3	33 ± 12
OC	4.0 ± 2.0	3.12	16.9	5.7–43.4	25.7/16.1	–	5.55 ± 2.01
EC	1.5 ± 1.0	1.12	4.2	1.2–18.6	8.20/11.0	–	2.06 ± 0.78
Cl [−]	272 ± 197	155	350	0–1300	75/440	490	182 ± 80.2
Br [−]	19.4 ± 10.7	14.2	130	0–589	140/380	–	–
NO ₃ [−]	476 ± 377	278	2000	500–5100	–	1090	896 ± 634
HPO ₄ ^{2−}	54.3 ± 37.4	46.4	–	–	–	–	72.9 ± 73.6
SO ₄ ^{2−}	3033 ± 835	2933	10 400	4100–23 700	–	5790	3293 ± 1473
C ₂ O ₄ ^{2−}	143 ± 56	123	–	–	–	320	203 ± 50.4
Na ⁺	307 ± 196	369	369	0–1890	–	830	255 ± 78.7
NH ₄ ⁺	1422 ± 685	1112	–	–	–	920	843 ± 433
K ⁺	273 ± 109	268	428	24.2–833	160/380**	460	150 ± 76.7
Mg ²⁺	64.0 ± 31.6	60.7	132	0–653	–	50	8.84 ± 10.9
Ca ²⁺	160 ± 127	113	–	–	–	320	219 ± 246
Al	293 ± 106	263	408	–	130/850	–	494 ± 95.3
As	1.9 ± 0.2	1.83	–	–	34/13	–	4.35 ± 5.56
Ca	745 ± 522	501	2610	776–4970	–	–	898 ± 254
Cd	1.7 ± 0.7	1.75	220	0–1141	–	–	1.16 ± 0.60
Cr	27.1 ± 20.4	19.6	–	–	–	–	18.8 ± 6.29
Cu	14.8 ± 5.2	16.2	50.6	0–143	35/260	–	17.4 ± 5.75
Fe	264 ± 125	234	1100	293–1990	490/300	–	304 ± 110
V	6.9 ± 2.4	6.61	–	–	–/6.60	–	7.79 ± 3.86
Zn	93.0 ± 50.1	73.1	273	46.8–615	130/210	–	94.9 ± 34.8
Mn	4.6 ± 1.4	5.06	21.6	0–70.3	–/14.0	–	5.68 ± 1.23
Ni	6.0 ± 2.6	4.86	11.6	0–37.4	21.0/8.60	–	5.16 ± 2.41
Pb	4.1 ± 3.4	3.68	699	162–2273	610/1100	–	12.5 ± 2.46