

AIRBONE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2013

Station	RSP	As	Be	Cd	Ni	Pb	Cr	Al	Mn	Fe	Ca	Mg	V	Zn	Ba	Cu	Hg	Se	Na+	K+	Cl-	Br-	SO4=	NH4+	NO3-	TC
Central/Western	47	4.0	0.04	0.90	7.1	34	3.0	167	16	429	536	231	15.1	129	18	26	0.22	0.7	1333	421	822	7	8110	2782	3328	8008
Kwun Tong	49	7.0	0.04	1.60	6.1	59	4.1	312	29	774	832	222	12.9	285	23	91	0.20	1.1	1058	495	726	7	8633	3470	5449	11198
Kwai Chung	52	4.2	0.04	0.97	12.0	36	2.9	212	19	586	588	248	33.2	127	21	57	0.19	0.8	1204	366	517	6	9457	3107	2958	9711
Tsuen Wan	47	3.8	0.04	0.87	8.1	32	2.6	206	18	486	577	226	21.0	126	18	61	0.20	0.8	1186	381	660	6	8587	2935	3180	8984
Tung Chung	44	3.4	0.04	0.90	8.0	32	2.5	208	17	473	465	207	20.4	106	15	132	0.19	0.7	1073	327	413	6	7816	2549	2545	8526
Yuen Long	55	5.5	0.04	1.47	5.7	53	3.2	228	24	581	625	194	12.2	186	18	102	0.20	0.8	936	442	488	6	9288	3625	4337	10494
Mongkok	54	3.4	0.04	0.89	7.2	32	2.7	150	17	641	538	214	16.9	137	25	43	0.21	0.7	1198	306	799	7	7513	2682	3376	11766
Average	50	4.5	0.04	1.08	7.8	40	3.0	212	20	567	594	220	18.8	156	20	73	0.20	0.8	1141	391	632	6	8486	3021	3596	9812

- Notes:
1. All figures are in nanogram per cubic metre except RSP which is in microgram per cubic metre.
 2. All values presented are annual arithmetic means.
 3. The concentrations of all species are derived from chemical analysis of respirable suspended particulate samplers.
 4. The Chemical Elements:

As - Arsenic	Ba - Barium
Be - Beryllium	Cu - Copper
Cd - Cadmium	Hg - Mercury
Ni - Nickel	Se - Selenium
Pb - Lead	Na+ - Sodium Ion
Cr - Chromium	K+ - Potassium Ion
Al - Aluminium	Cl- - Chloride Ion
Mn - Manganese	Br- - Bromide Ion
Fe - Iron	SO4= - Sulphate Ion
Ca - Calcium	NH4+ - Ammonium Ion
Mg - Magnesium	NO3- - Nitrate Ion
V - Vanadium	TC - Total Carbon
Zn - Zinc	