

AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2017

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	37	3.2	0.03	0.61	5.3	17	2.5	126	13	403	532	254	12.2	90	11	15	0.17	0.5	1736	304	1057	6	6989	2063	4192	5151
Kwun Tong	41	3.6	0.03	0.65	5.3	19	2.4	174	16	642	584	262	11.5	93	16	44	0.16	0.5	1800	308	1130	6	7508	2270	3864	5810
Sham Shui Po	41	3.3	0.03	0.65	6.0	18	2.3	179	14	506	693	255	13.8	104	16	86	0.15	0.4	1751	313	1162	5	7333	2120	3749	6536
Kwai Chung	40	3.2	0.03	0.72	7.4	18	2.6	190	17	576	887	234	17.3	94	21	90	0.15	0.5	1465	317	865	5	7505	1997	3174	7003
Tsuen Wan	38	3.3	0.03	0.66	5.9	18	2.4	152	15	478	679	220	12.9	118	16	21	0.15	0.5	1347	304	815	5	7215	2167	3512	6017
Tung Chung	34	3.2	0.03	0.65	5.2	17	2.2	148	15	414	515	200	10.0	118	13	53	0.14	0.5	1244	306	522	5	6818	1944	2920	5321
Yuen Long	39	3.3	0.03	0.72	5.2	19	2.5	161	16	517	625	204	10.6	90	15	18	0.15	0.5	1230	339	614	5	7067	2263	3555	5957
Mongkok	47	3.6	0.03	0.72	6.3	19	3.6	155	18	903	734	258	12.2	114	29	40	0.17	0.5	1706	326	1215	6	7525	2329	4642	9019
Tuen Mun	42	3.1	0.03	0.66	6.4	18	2.5	185	15	528	650	223	13.4	90	18	102	0.16	0.5	1355	344	694	6	7333	2279	3680	6758
Tseung Kwan O	34	3.2	0.03	0.58	4.6	17	2.0	180	12	383	477	242	9.6	77	13	26	0.16	0.5	1806	289	999	6	6713	1732	2946	4511
Average	39	3.3	0.03	0.66	5.8	18	2.5	165	15	535	638	235	12.3	99	17	50	0.16	0.5	1544	315	907	5	7200	2116	3623	6208

- 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	