

AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2004

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	56	6.6	0.05	2.13	6.2	76	2.2	273	22	494	726	327	13.0	246	16	30	0.23	0.9	1858	664	1086	7	12900	3682	3807	10302
Kwun Tong	59	7.4	0.05	2.42	6.9	78	2.6	273	24	636	726	289	15.0	295	23	48	0.23	1.0	1616	655	850	7	12229	3535	3889	12440
Sham Shui Po	57	6.1	0.04	2.12	8.6	71	2.3	251	22	548	731	285	18.9	241	18	37	0.23	0.9	1615	593	646	7	12855	3523	3210	12300
Tsuen Wan	65	8.0	0.05	2.70	8.2	92	2.5	308	26	598	796	278	18.4	290	19	33	0.23	1.1	1542	787	694	7	13410	4085	4012	13975
Tung Chung	55	6.4	0.05	2.31	6.0	77	2.4	325	24	525	881	272	11.7	267	14	68	0.23	1.0	1511	677	521	7	12270	3210	3133	9792
Yuen Long	76	8.2	0.05	3.39	9.6	130	3.9	454	31	827	1167	273	15.9	313	23	42	0.23	1.3	1254	882	771	8	13540	4401	5178	15310
Mong Kok	78	6.9	0.05	2.24	8.5	79	3.6	296	27	884	920	312	16.8	292	47	42	0.24	0.9	1640	695	1073	7	13389	4281	5031	22910
Average	64	7.1	0.05	2.48	7.7	86	2.8	313	25	647	852	291	15.6	279	23	43	0.23	1.0	1576	710	811	7	12941	3823	4058	13900

Note:

1. All figures are in nanograms per cubic metre except RSP which is in micrograms 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 particulates samples collected by high-volume 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	