

AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 1999

Station	RSP	As	Be	Cd	Ni	Pb	Cr	Al	Mn	Fe	Ca	Mg	V	Zn	Ba	Cu	Hg	Se	Na+	K+	Cl-	Br-	SO4=	BAP	NH4+	NO3-
Central / Western	53	3.7	0.06	1.40	2.8	59	1.4	245	17	446	820	334	6.1	129	12	29	0.22	1.8	2078	620	1671	9	9514	0.14	2273	3226
Kwai Chung	63	3.6	0.06	1.62	5.4	68	1.8	250	17	559	839	278	13.2	149	24	56	0.23	1.6	1485	631	998	9	10055	0.27	2548	3014
Kwun Tong	56	3.1	0.06	1.37	2.7	57	1.7	248	16	526	760	253	6.3	139	19	58	0.22	1.3	1422	619	873	8	8490	0.17	2073	2936
Sham Shui Po	58	4.0	0.06	1.56	3.5	72	1.7	242	17	499	928	272	7.8	152	20	32	0.22	1.3	1574	734	1209	9	8965	0.30	2162	3254
Tsuen Wan	58	3.8	0.06	1.57	3.4	75	1.4	238	17	484	744	234	8.8	163	16	34	0.22	1.7	1256	738	719	8	9725	0.28	2631	3366
Shatin	52	4.6	0.06	1.70	2.9	75	1.4	254	19	626	844	256	7.6	185	23	33	0.22	1.5	1218	750	749	8	9405	0.27	2241	2473
Tai Po	54	4.5	0.06	1.75	2.4	71	1.4	243	16	548	674	258	5.3	152	20	43	0.23	1.6	1353	747	887	8	10092	0.29	2604	2815
Tung Chung	48	4.3	0.06	1.85	3.0	72	1.5	228	19	457	781	228	6.6	183	12	81	0.23	1.0	1280	685	864	8	8343	0.22	1978	2778
Yuen Long	60	4.8	0.06	1.77	3.2	81	1.8	282	22	582	1010	243	5.8	204	15	39	0.23	1.6	1197	792	870	9	9534	0.46	2595	3502
Mong Kok	66	3.5	0.07	1.38	3.6	58	2.0	253	17	552	928	309	7.3	143	18	61	0.23	1.4	1774	629	1470	9	9622	0.25	2417	3550
Average	57	4.0	0.06	1.59	3.3	69	1.6	249	18	529	834	268	7.5	159	18	46	0.23	1.5	1468	695	1035	8	9405	0.26	2363	3100

- 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	BAP - Benzoapyrene
Mg - Magnesium	NH4+ - Ammonium Ion
V - Vanadium	NO3- - Nitrate Ion
Zn - Zinc	