

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:
- All figures are in nanogram per cubic metre (ng/m<sup>3</sup>) except RSP which is in microgram per cubic metre (µg/m<sup>3</sup>).
  - All values presented are annual arithmetic means.
  - The concentrations of all species are derived from chemical analysis of respirable suspended particulates samples collected by high-volume samplers.
  - The Airborne Species:
 

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	