

AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2000

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-	TC
Central / Western	49	2.7	0.06	1.35	3.2	48	1.0	210	14	411	686	291	7.9	124	11	34	0.23	1.5	1822	510	1401	7	8513	0.15	1962	3104	10410
Kwai Chung	58	3.2	0.06	1.69	6.7	58	1.8	224	16	551	802	252	16.4	157	23	38	0.23	1.6	1262	548	807	7	9118	0.23	2313	3045	16802
Kwun Tong	51	2.8	0.06	1.58	2.5	48	1.6	238	17	544	726	274	5.7	123	19	35	0.23	1.5	1539	477	1069	7	8446	0.16	2001	2793	13031
Sham Shui Po	55	2.5	0.06	1.47	4.6	51	1.4	252	15	495	847	292	9.6	111	16	28	0.23	1.5	1726	521	1295	8	8948	0.19	2116	3578	12850
Tsuen Wan	51	3.4	0.06	2.10	3.7	60	1.4	223	15	468	671	233	9.1	123	15	28	0.23	1.5	1193	555	677	8	8502	0.30	2123	2887	13249
Shatin	41	2.9	0.06	1.81	2.7	50	1.2	197	13	507	504	209	7.2	105	18	22	0.23	1.5	1125	498	525	7	8215	0.16	1832	1906	8950
Tai Po	48	3.2	0.06	2.19	2.8	60	1.4	185	14	525	491	191	6.1	142	21	55	0.23	1.7	1057	559	572	7	9081	0.28	2439	2618	11523
Tung Chung	53	3.7	0.06	2.38	3.8	69	1.4	255	17	481	803	223	7.7	155	13	57	0.24	1.8	1122	618	527	7	8823	0.25	2286	3157	9855
Yuen Long	62	4.4	0.06	2.56	4.7	74	2.0	289	28	655	924	227	8.7	424	17	44	0.23	1.8	1068	689	827	7	8969	0.47	2583	4441	14834
Mong Kok	61	1.9	0.06	0.98	4.9	38	1.8	259	16	559	874	313	10.2	112	18	37	0.24	1.1	1674	435	1563	7	8003	0.25	1983	3899	17473
Average	53	3.1	0.06	1.84	3.9	56	1.5	232	17	519	728	248	8.8	160	17	38	0.23	1.6	1347	545	903	7	8686	0.25	2172	3119	12735

Note:

- All figures are in nanogram per cubic metre (ng/m³) except RSP which is in microgram per cubic metre (µg/m³).
- 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	TC - Total Carbon