

AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2002

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	41	2.9	0.05	1.14	5.8	39	1.5	215	13	359	631	284	11.0	170	11	25	0.24	0.7	1884	402	1325	8	8857	2065	2705	8601
Kwun Tong	71	5.6	0.05	2.32	7.0	79	3.1	430	29	906	1173	433	10.8	183	36	50	0.23	0.9	1618	804	1302	8	13311	3912	6097	16283
Sham Shui Po	50	3.8	0.05	1.52	7.2	51	1.8	254	16	505	790	304	14.4	157	17	30	0.26	0.7	1678	560	1150	8	10092	2599	3279	12269
Tsuen Wan	47	3.7	0.05	1.40	6.4	54	2.1	246	17	505	779	257	12.1	217	17	30	0.23	0.8	1389	508	885	7	8665	2145	2808	12171
Tung Chung	44	4.6	0.05	1.80	5.9	66	1.8	266	15	460	913	209	10.6	180	12	83	0.24	0.7	1081	591	442	8	8684	2098	2775	9484
Yuen Long	53	4.9	0.05	1.99	7.3	67	2.6	327	19	638	904	234	12.9	204	18	42	0.24	1.0	1139	599	670	8	9441	2715	3795	13008
Mong Kok	65	3.7	0.05	1.56	7.4	51	3.2	251	17	753	892	299	12.9	177	46	34	0.24	0.8	1721	515	1393	8	9785	2585	3499	23457
Average	51	4.1	0.05	1.62	6.7	56	2.2	270	17	561	842	272	12.3	185	21	42	0.24	0.8	1473	547	980	8	9462	2453	3301	13483

Note:

- All figures are in nanograms per cubic metre except RSP which is in micrograms per cubic metre
- 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 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	