

AIRBORNE SPECIES CONCENTRATIONS, DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 1998

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-
Kwun Tong	53	3.0	0.06	0.84	2.8	39	1.8	192	14	499	690	254	5.6	141	20	36	0.18	1.6	1641	411	1190	9	8065	0.16	1928	2730
Shatin	46	4.0	0.06	1.07	2.7	51	1.5	191	15	525	830	216	5.1	145	21	28	0.19	1.6	1266	534	820	8	8422	0.12	1892	2036
Tai Po	50	4.4	0.06	1.19	2.3	60	1.5	195	14	471	540	206	4.9	113	16	54	0.18	2.3	1178	652	751	9	9302	0.15	2611	2599
Yuen Long	61	5.2	0.05	1.65	3.2	75	1.9	256	18	524	860	204	6.2	153	14	32	0.18	1.9	1137	776	1088	11	9266	0.33	2873	3705
Sham Shui Po	55	5.4	0.06	1.21	4.3	54	1.5	215	17	463	761	255	6.8	120	16	25	0.19	2.9	1592	560	1108	10	8846	0.18	2227	2997
Central / Western	49	3.9	0.06	1.30	2.7	52	1.4	190	15	360	660	275	6.0	128	11	26	0.20	1.8	1940	567	1824	11	8772	0.10	2298	3028
Tsuen Wan	54	4.2	0.06	1.38	3.2	59	1.4	181	14	395	648	214	7.8	127	13	27	0.19	2.0	1334	626	1008	10	9069	0.25	2351	2545
Kwai Chung	45	3.5	0.05	1.31	4.7	52	1.4	166	12	335	605	201	10.8	118	10	38	0.18	1.7	1299	559	926	9	8782	0.11	2250	2345
Mong Kok	63	3.8	0.05	1.29	3.8	55	2.0	211	17	496	859	254	6.3	136	16	41	0.19	1.7	1576	533	1474	10	8611	0.31	2322	3296
Average	53	4.1	0.06	1.25	3.3	55	1.6	200	15	452	717	231	6.6	131	15	34	0.19	1.9	1440	580	1132	10	8793	0.19	2306	2809

Note:

- All figures are in nanograms per cubic metre except RSP which is in micrograms per cubic metre.
- All values presented are arithmetic annual averages.
- 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	BAP - Benzoapyrene
Mg - Magnesium	NH4+ - Ammonium Ion
V - Vanadium	NO3- - Nitrate Ion
Zn - Zinc	