

AIRBORNE SPECIES CONCENTRATIONS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 1995

Site	RSP	As	Be	Cd	Ni	Pb	Cr	Al	Mn	Fe	Ca	Mg	V	Zn	Ba	Cu	Hg	Na+	K+	Cl-	Br-	SO4=	BAP	NH4+	NO3-
Kwun Tong	61.74	4.7	0.06	1.23	2.8	73	2.4	356	29.4	718	981	307	7	137	15	66	0.18	1616	670	1250	11	9510	0.19	2226	2922
Shatin	50.15	5.3	0.06	1.08	2.8	77	2.0	326	26.3	706	764	255	7	97	20	26	0.38	1266	744	699	11	9748	0.19	2401	2536
Tai Po	55.76	5.5	0.06	1.25	2.8	78	3.2	386	28.6	782	893	307	6	113	20	49	0.19	1316	800	966	13	9950	0.21	2594	2848
Yuen Long	75.23	9.2	0.06	1.91	3.5	119	3.0	572	45.0	913	1549	280	7	187	17	48	0.19	915	1312	734	13	11539	0.47	3090	4050
Sham Shui Po	60.44	4.9	0.06	1.10	3.8	74	1.9	344	27.3	633	920	279	9	106	14	36	0.19	1542	687	1105	10	9683	0.20	2348	2911
Central/Western	59.11	5.1	0.06	1.24	3.4	70	1.8	415	31.4	679	1106	424	8	123	14	44	0.19	2317	717	2160	13	10617	0.17	2501	3652
Tsuen Wan	62.17	5.1	0.06	1.18	3.2	75	1.8	359	26.5	648	962	310	8	113	15	25	0.19	1492	738	1151	11	9954	0.21	2502	3109
Kwai Chung	52.03	5.1	0.06	1.36	4.2	72	2.1	364	26.2	628	1074	297	11	111	13	33	0.19	1346	728	969	10	9994	0.17	2458	3034
Mong Kok	75.29	4.6	0.06	1.09	4.2	76		432	36.3	923	1293	365	8	124	19	31	0.19	1796	694	1615	12	9794	0.37	2381	3550

Note:

1. All figures are in nanograms per cubic metre except RSP which is in micrograms per cubic metre.
2. All values presented are 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	Zn - Zinc
Be - Beryllium	Ba - Barium
Cd - Cadmium	Cu - Copper
Ni - Nickel	Hg - Mercury
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