AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2012

Station	RSP	As	Be	Cd	Ni	Pb	Cr	Al	Mn	Fe	Ca	Mg	V	Zn	Ba	Cu	Hg	Se	Na+	K+	Cl-	Br-	SO4=	C	THC	NH4+	NO3-	OC	EC	TC
Kwun Tong	47	3.8	0.04	0.74	4.3	31	2.3	160	14	442	461	229	9.0	138	16	46	0.19	0.6	1685	347	1142	7	9108	27661	1045	3034	3997	5761	1982	7743
Yuen Long	48	4.2	0.04	0.86	4.3	36	2.4	165	17	410	464	172	10.7	168	15	41	0.20	0.6	1171	415	672	7	9318	24543	1306	3268	3741	6566	2421	8987
Central / Western	45	4.1	0.04	0.68	4.4	31	2.1	168	15	355	488	217	10.1	128	11	41	0.20	0.6	1544	329	1013	7	8865	23350	1149	3082	4177	5134	1901	7035
Tsuen Wan	42	3.6	0.04	0.74	5.7	28	1.9	141	14	335	392	176	15.7	141	14	29	0.21	0.5	1257	328	690	7	8702	22366	1110	2813	2977	5816	2171	7988
Kwai Chung	48	3.9	0.04	0.79	8.7	32	2.4	175	14	424	455	209	23.7	125	17	38	0.20	0.6	1393	325	648	6	9823	25279	1117	3195	3481	6651	2643	9294
Tung Chung	42	3.9	0.04	0.85	4.2	31	2.1	171	13	318	378	203	10.0	112	14	47	0.19	0.7	1378	374	623	6	9490	21556	953	2914	2866	5313	1707	7020
Mong Kok	54	3.8	0.04	0.75	5.5	32	3.1	156	18	702	552	201	11.4	156	36	41	0.20	0.6	1359	363	884	7	8796	30865	2017	3146	4422	9715	3531	13246
Average	46	3.9	0.04	0.77	5.3	31	2.3	162	15	420	454	201	13.0	138	17	41	0.20	0.6	1399	354	809	7	9164	24960	1225	3063	3651	6348	2310	8658

Note: 1. All figures are in nanograms per cubic metre except RSP which is in micrograms per cubic metre
2. All values presented are annual arithmetic means.
3. The concentrations of all species are derived from chemical analysis of respirable suspended particulates samples
4. The Chemical Elements As - Arsenic
Be - Beryllium
Cd - Cadmium
Ni - Nickel
Pb - Lead
Cr - Chromium
Al - Aluminium
Mn - Manganese
Fe - Iron
Ca - Calcium
Mg - Magnesium
V - Vanadium
Zn - Zinc
Ba - Barium
Cu - Copper
Hg - Mercury
Se - Selenium
Na+ - Sodium Ion
K+ - Potassium Ion
Cl- - Chloride Ion
Br- - Bromide Ion
SO4= - Sulphate Ion
C - Total carbon containing compounds
THC - Total cyclohexane extractable hydrocarbons
NH4+ - Ammonium Ion
NO3- - Nitrate Ion
OC - Organic Carbon
EC - Elemental Carbon
TC - Total Carbon