

AIRBONE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2014

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	43	3.5	0.04	0.88	7.3	29	2.3	121	15	390	534	247	19.7	133	11	20	0.21	0.9	1547	304	1071	7	8907	2971	3918	6313
Kwun Tong	44	3.7	0.04	0.97	6.3	30	2.1	156	15	540	563	229	15.4	134	14	106	0.20	0.9	1396	309	875	7	8854	2930	3688	7047
Kwai Chung	44	3.9	0.04	0.92	13.8	29	2.9	157	17	521	541	207	42.3	124	19	73	0.20	1.0	1147	320	514	6	9451	2962	2930	8559
Tsuen Wan	42	3.6	0.04	0.94	7.7	30	2.4	163	19	438	529	195	20.7	216	14	66	0.20	0.9	1072	352	623	6	8844	2815	2851	7285
Tung Chung	41	3.7	0.04	0.96	6.4	33	2.4	179	16	427	512	203	14.7	128	13	150	0.20	1.1	1124	349	565	6	9008	2834	2895	6954
Yuen Long	48	4.5	0.04	1.41	7.1	35	2.8	215	19	565	702	193	15.7	136	16	93	0.20	1.0	973	409	574	7	8995	3195	3966	8329
Mongkok	49	3.5	0.04	0.94	8.2	29	3.2	130	17	759	620	227	20.3	138	30	36	0.20	0.8	1320	306	989	6	8631	3042	4115	11313
Average	44	3.8	0.04	1.00	8.1	30	2.6	160	17	520	572	215	21.3	144	17	78	0.20	0.9	1226	336	745	6	8956	2964	3481	7972

- Notes:
1. All figures are in nanogram per cubic metre except RSP which is in microgram 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 particulate samplers.
 4. 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	