

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 (ng/m³) except RSP which is in microgram per cubic metre (µg/m³).
2. All values presented are annual 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 Airborne Species:
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| 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 | |