

AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2023

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	30	1.7	0.02	0.27	2.9	5	2.5	167	12	404	525	256	3.1	50	12	10	0.16	0.5	1689	238	1128	5	4865	1426	4802	4431
Kwun Tong	29	1.6	0.02	0.26	2.7	5	3.0	200	11	568	506	248	3.3	40	19	17	0.16	0.4	1602	220	1043	5	4790	1180	4120	4751
Sham Shui Po	31	1.6	0.02	0.28	3.0	6	2.9	192	12	456	602	243	3.2	54	13	13	0.16	0.4	1552	243	964	5	4903	1282	4586	5379
Kwai Chung	29	1.6	0.02	0.27	4.5	5	2.8	179	14	516	524	225	4.2	45	17	17	0.16	0.4	1366	231	676	5	4703	1119	3942	5828
Tsuen Wan	30	1.6	0.02	0.33	3.2	6	2.6	213	12	431	569	206	3.3	46	13	17	0.16	0.4	1177	202	641	5	4606	1252	3989	5480
Tung Chung	28	1.6	0.02	0.28	2.5	6	2.6	198	12	396	532	207	3.1	47	14	14	0.16	0.4	1190	229	549	5	4589	1133	3687	4838
Yuen Long	31	1.9	0.02	0.30	2.7	6	2.7	228	14	483	639	202	3.2	46	17	13	0.16	0.5	1074	239	508	5	4416	1261	4104	5732
Mongkok	33	1.7	0.02	0.34	3.3	5	3.8	166	14	812	578	246	3.2	55	23	29	0.15	0.4	1547	234	1120	5	4768	1504	5258	6974
Tuen Mun	32	1.7	0.02	0.32	3.5	7	3.2	231	14	509	706	227	3.2	56	19	29	0.15	0.5	1303	261	556	5	4980	1283	5056	5661
Tseung Kwan O	27	1.6	0.02	0.25	2.8	5	2.4	261	10	377	480	256	3.1	37	14	12	0.15	0.5	1699	249	957	5	4792	927	3413	3853
Average	30	1.7	0.02	0.29	3.1	6	2.8	204	13	495	566	232	3.3	48	16	17	0.16	0.4	1420	235	814	5	4741	1237	4296	5293

- 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:

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	