

AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2024

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	32	1.8	0.03	0.31	2.9	6	2.5	114	11	355	390	216	3.6	41	13	10	0.18	0.6	1312	306	1698	6	4689	1889	4729	5197
Kwun Tong	32	1.7	0.03	0.29	2.7	6	2.9	153	11	516	387	196	3.7	37	18	16	0.18	0.6	1216	299	1366	6	4286	1601	3905	5610
Sham Shui Po	33	1.7	0.03	0.29	2.9	6	2.6	138	12	392	500	187	3.9	45	13	12	0.18	0.5	1098	307	1331	6	4467	1763	4310	5945
Kwai Chung	32	1.7	0.03	0.30	4.3	6	2.7	138	12	473	451	177	4.9	41	15	15	0.18	0.6	1021	278	1003	6	4700	1673	3769	6290
Tsuen Wan	34	1.7	0.03	0.30	3.2	6	2.5	183	11	401	461	175	3.8	42	13	16	0.18	0.6	993	302	1117	6	4466	1572	3672	5859
Tung Chung	35	1.8	0.03	0.72	3.0	7	3.4	194	16	464	520	177	3.6	68	16	19	0.18	0.6	946	300	1034	6	4493	1535	3763	5710
Yuen Long	39	2.2	0.03	0.38	3.3	8	3.5	249	17	519	672	184	3.6	55	18	16	0.18	0.7	870	363	1104	6	4879	1856	4596	6820
Mongkok	33	1.7	0.03	0.33	3.3	6	3.9	119	15	771	480	197	3.8	53	22	28	0.18	0.6	1183	294	1675	6	4692	2039	5072	7736
Tuen Mun	37	1.9	0.03	0.35	3.8	8	3.6	218	16	521	660	192	3.4	65	21	35	0.17	0.6	962	361	1300	6	4846	1824	4884	6771
Tseung Kwan O	29	1.8	0.03	0.30	2.6	6	2.2	173	10	327	378	195	3.4	42	14	12	0.17	0.6	1120	305	831	6	4749	1285	2793	4498
Southern	29	1.6	0.03	0.27	2.5	6	2.4	199	9	298	329	181	3.5	34	12	23	0.18	0.5	1064	270	1070	6	4089	1280	2748	4596
Average	33	1.8	0.03	0.35	3.1	6	2.9	171	13	458	475	189	3.7	47	16	18	0.18	0.6	1071	308	1230	6	4578	1665	4022	5912

- 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	