

AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2018

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	37	2.2	0.04	0.45	4.9	12	2.4	162	13	457	585	264	10.9	68	14	12	0.19	0.4	1507	228	764	6	5085	1760	3482	5053
Kwun Tong	39	2.4	0.04	0.52	4.6	13	2.6	199	17	726	764	257	9.0	75	17	35	0.18	0.5	1387	233	691	6	4955	1764	3413	5810
Sham Shui Po	39	2.1	0.04	0.51	5.5	12	2.4	202	14	538	769	252	12.3	73	16	51	0.18	0.4	1388	235	672	6	4986	1641	3809	6200
Kwai Chung	38	2.3	0.04	0.57	6.8	13	2.7	184	15	607	693	226	16.2	76	21	46	0.18	0.4	1209	239	541	6	4914	1680	2780	6729
Tsuen Wan	36	2.2	0.04	0.52	5.4	13	2.3	163	14	491	651	212	12.6	83	16	17	0.18	0.4	1095	232	429	6	4735	1668	2843	6090
Tung Chung	36	2.3	0.03	0.50	5.3	13	2.5	182	16	516	675	210	9.9	91	17	24	0.17	0.5	1072	238	358	6	4936	1762	2942	6190
Yuen Long	39	2.5	0.04	0.58	4.9	15	2.9	196	17	586	762	207	9.4	86	18	17	0.18	0.5	1047	272	408	6	4928	1891	3663	6799
Mongkok	43	2.2	0.04	0.59	5.4	12	3.8	171	17	927	665	247	10.2	76	31	35	0.19	0.4	1489	262	822	6	5188	2390	3884	8239
Tuen Mun	40	2.4	0.04	0.60	5.8	15	2.9	220	17	603	773	232	11.8	76	19	51	0.18	0.5	1074	260	426	6	4567	1828	3348	6810
Tseung Kwan O	35	2.4	0.04	0.49	4.0	12	2.4	268	12	449	566	242	8.7	52	17	18	0.18	0.4	1336	238	633	6	4615	1535	2603	4797
Average	38	2.3	0.04	0.53	5.3	13	2.7	195	15	590	690	235	11.1	76	18	31	0.18	0.4	1260	244	574	6	4891	1792	3277	6272

- 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 | |