

AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2017

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	3.2	0.03	0.61	5.3	17	2.5	126	13	403	532	254	12.2	90	11	15	0.17	0.5	1736	304	1057	6	6989	2063	4192	5151
Kwun Tong	41	3.6	0.03	0.65	5.3	19	2.4	174	16	642	584	262	11.5	93	16	44	0.16	0.5	1800	308	1130	6	7508	2270	3864	5810
Sham Shui Po	41	3.3	0.03	0.65	6.0	18	2.3	179	14	506	693	255	13.8	104	16	86	0.15	0.4	1751	313	1162	5	7333	2120	3749	6536
Kwai Chung	40	3.2	0.03	0.72	7.4	18	2.6	190	17	576	887	234	17.3	94	21	90	0.15	0.5	1465	317	865	5	7505	1997	3174	7003
Tsuen Wan	38	3.3	0.03	0.66	5.9	18	2.4	152	15	478	679	220	12.9	118	16	21	0.15	0.5	1347	304	815	5	7215	2167	3512	6017
Tung Chung	34	3.2	0.03	0.65	5.2	17	2.2	148	15	414	515	200	10.0	118	13	53	0.14	0.5	1244	306	522	5	6818	1944	2920	5321
Yuen Long	39	3.3	0.03	0.72	5.2	19	2.5	161	16	517	625	204	10.6	90	15	18	0.15	0.5	1230	339	614	5	7067	2263	3555	5957
Mongkok	47	3.6	0.03	0.72	6.3	19	3.6	155	18	903	734	258	12.2	114	29	40	0.17	0.5	1706	326	1215	6	7525	2329	4642	9019
Tuen Mun	42	3.3	0.03	0.70	6.3	19	2.5	187	16	533	660	222	13.4	92	18	104	0.16	0.5	1355	344	694	6	7333	2279	3680	6758
Tseung Kwan O	34	3.2	0.03	0.58	4.6	17	2.0	180	12	383	477	242	9.6	77	13	26	0.16	0.5	1806	289	999	6	6713	1732	2946	4511
Average	39	3.3	0.03	0.66	5.8	18	2.5	165	15	535	639	235	12.3	99	17	50	0.16	0.5	1544	315	907	5	7200	2116	3623	6208

- 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 | |