

AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2013

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	47	4.0	0.04	0.90	7.1	34	3.0	167	16	429	536	231	15.1	129	18	26	0.22	0.7	1333	421	822	7	8110	2782	3328	8008
Kwun Tong	49	7.0	0.04	1.60	6.1	59	4.1	312	29	774	832	222	12.9	285	23	91	0.20	1.1	1058	495	726	7	8633	3470	5449	11198
Kwai Chung	52	4.2	0.04	0.97	12.0	36	2.9	212	19	586	588	248	33.2	127	21	57	0.19	0.8	1204	366	517	6	9457	3107	2958	9711
Tsuen Wan	47	3.8	0.04	0.87	8.1	32	2.6	206	18	486	577	226	21.0	126	18	61	0.20	0.8	1186	381	660	6	8587	2935	3180	8984
Tung Chung	44	3.4	0.04	0.90	8.0	32	2.5	208	17	473	465	207	20.4	106	15	132	0.19	0.7	1073	327	413	6	7816	2549	2545	8526
Yuen Long	55	5.5	0.04	1.47	5.7	53	3.2	228	24	581	625	194	12.2	186	18	102	0.20	0.8	936	442	488	6	9288	3625	4337	10494
Mongkok	54	3.4	0.04	0.89	7.2	32	2.7	150	17	641	538	214	16.9	137	25	43	0.21	0.7	1198	306	799	7	7513	2682	3376	11766
Average	50	4.5	0.04	1.08	7.8	40	3.0	212	20	567	594	220	18.8	156	20	73	0.20	0.8	1141	391	632	6	8486	3021	3596	9812

- 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 | |