

**AIRBORNE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2016**

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	3.2	0.04	0.50	5.0	14	2.2	92	11	339	414	191	12.7	80	11	14	0.18	0.5	1237	217	659	6	6490	2036	2510	5095
Kwun Tong	36	3.6	0.03	0.55	4.9	16	1.9	134	14	545	468	180	11.5	80	15	48	0.16	0.4	1124	231	545	5	7000	2246	2644	5842
Sham Shui Po	36	3.6	0.04	0.56	6.1	16	2.1	135	14	436	499	179	17.1	88	20	78	0.15	0.4	1048	232	517	5	7046	2232	2580	6614
Kwai Chung	34	3.5	0.03	0.61	7.3	16	2.2	125	13	477	525	164	20.7	87	18	103	0.15	0.4	985	235	397	5	7018	2054	2082	6770
Tsuen Wan	33	3.2	0.03	0.52	6.1	15	1.7	141	12	404	490	153	16.3	83	14	22	0.15	0.4	897	234	388	5	6605	2038	2122	6211
Tung Chung	32	3.3	0.03	0.63	4.9	16	2.0	141	12	365	444	141	10.2	83	14	148	0.14	0.4	775	248	270	5	6582	1966	1807	5942
Yuen Long	38	4.0	0.03	0.64	6.1	20	2.5	177	17	539	712	163	12.8	110	19	23	0.15	0.5	798	330	370	5	6887	2152	2638	7144
Mongkok	38	3.2	0.04	0.56	5.9	15	3.0	108	15	785	536	180	13.2	93	27	37	0.18	0.5	1078	224	670	6	6267	2177	2858	8571
Tuen Mun	39	3.8	0.03	0.64	6.7	20	2.3	153	16	502	589	170	16.5	103	23	98	0.15	0.4	882	322	420	5	7062	2608	2826	7244
Tseung Kwan O	30	3.6	0.03	0.49	4.5	15	1.9	95	9	314	350	163	11.3	66	14	16	0.17	0.4	1084	213	397	6	6772	1991	1867	4759
Average	35	3.5	0.03	0.57	5.7	16	2.2	130	13	471	503	168	14.2	87	18	59	0.16	0.4	991	249	463	5	6773	2150	2393	6419

- Notes: 1. All figures are in nanogram per cubic metre (ng/m<sup>3</sup>) except RSP which is in microgram per cubic metre (µg/m<sup>3</sup>).
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      |                     |