

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 except RSP which is in microgram per cubic metre.
 2. All values presented are annual arithmetic means.
 3. The concentrations of all species are derived from chemical analysis of respirable suspended particulate samplers.
 4. The Chemical Elements:
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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 | |