AIRBONE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2011

Station	RSP	As	Be	Cd	Ni	Pb	Cr	Al	Mn	Fe	Ca	Mg	V	Zn	Ba	Cu	Hg	Se	Na+	K+	Cl-	Br-	SO4=	C	THC	NH4+	NO3-	OC	EC	TC
Kwun Tong	53	4.8	0.04	1.16	4.6	51	2.0	197	19	469	490	202	10.8	186	18	62	0.21	0.7	1408	480	646	10	10715	24840	1532	3753	4707	7052	2559	9611
Yuen Long	59	5.5	0.04	1.57	5.1	56	2.8	253	22	519	629	168	11.4	197	18	61	0.22	0.9	969	570	391	10	11189	30413	1813	4199	5238	8460	2880	11340
Sham Sui Po	55	5.1	0.04	1.18	6.3	51	2.0	197	20	464	570	195	16.4	190	16	43	0.21	0.7	1237	497	443	9	11542	28188	1628	3877	4217	7880	2798	10678
Central/Western	55	5.2	0.04	1.19	6.6	52	2.6	268	21	483	704	246	15.3	214	14	54	0.22	0.8	1614	476	1014	9	11013	25037	1684	3744	4497	6567	2505	9072
Tsuen Wan	51	4.9	0.04	1.17	7.3	48	2.4	199	18	445	460	176	18.8	174	17	42	0.21	0.8	1130	466	419	10	10733	25334	1660	3751	3982	7531	2731	10263
Kwai Chung	52	4.3	0.04	1.06	8.6	44	2.4	192	18	463	465	181	23.6	162	19	43	0.21	0.8	1208	455	543	9	10641	24098	1520	3657	3758	7961	3054	11015
Tung Chung	50	5.0	0.04	1.32	4.7	50	2.6	226	21	431	511	175	9.9	191	16	60	0.21	0.9	1058	518	398	9	10535	27355	1285	3608	3400	7083	2449	9533
Mongkok	64	4.8	0.04	1.16	7.2	50	3.3	222	21	710	664	207	13.1	199	35	51	0.22	0.8	1340	511	680	9	11573	27270	2224	4239	5731	10358	4047	14405
Average	55	4.9	0.04	1.23	6.3	50	2.5	219	20	498	562	194	14.9	189	19	52	0.21	0.8	1245	497	567	9	10992	26566	1669	3854	4441	7861	2877	10738

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:

As - Arsenic	Ba - Barium
Be - Berylium	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	NH+ - Ammonium Ion
Mg - Magnesium	NO3- - Nitrate Ion
V - Vanadium	TC - Total Carbon
Zn - Zinc	