

AIRBONE SPECIES CONCENTRATIONS AS DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 2003

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	51	4.7	0.05	1.89	6.1	64	1.7	234	18	432	676	328	10.3	205	18	26	0.24	0.9	2083	685	1477	7	11260	2976	3843	9130
Kwun Tong	49	4.4	0.05	1.66	5.9	56	1.8	199	17	581	628	270	9.3	215	18	44	0.24	0.8	1692	554	1105	8	9340	2562	3263	10860
Sham Shui Po	53	4.4	0.05	1.84	6.4	59	1.7	211	17	491	667	283	11.8	206	15	32	0.24	0.8	1779	563	1110	7	10893	2959	3538	11289
Tsuen Wan	67	8.0	0.05	3.08	6.4	101	2.2	283	25	614	834	255	12.6	324	19	31	0.24	1.4	1368	1005	877	7	12464	3803	4666	15408
Tung Chung	47	5.5	0.05	2.27	5.3	66	1.8	255	18	448	797	210	9.8	230	12	88	0.24	1.0	1209	659	511	7	10652	2607	2893	8983
Yuen Long	58	6.0	0.05	2.45	7.3	75	2.2	302	20	604	841	218	13.8	232	17	47	0.24	1.0	1119	618	598	7	10373	3259	4123	12982
Mong Kok	71	4.1	0.05	1.64	8.0	53	3.0	244	19	785	820	298	11.9	211	45	37	0.24	0.8	1755	557	1348	7	10672	3220	4461	22809
Average	56	5.1	0.05	2.04	6.5	65	2.1	244	18	560	746	267	11.3	224	21	45	0.24	0.9	1590	634	1015	7	10683	2995	3760	12900

Note:

- All figures are in nanograms per cubic metre except RSP which is in micrograms per cubic metre
- All values presented are annual arithmetic means.
- The concentrations of all species are derived from chemical analysis of respirable suspended particulates samples collected by high-volume samplers.
- The Chemical Elements:
 

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	