AIRBORNE SPECIES CONCENTRATIONS, DERIVED FROM RESPIRABLE SUSPENDED PARTICULATES FOR 1996

| Station | RSP | As | Be | Cd | Ni | Pb | Cr | Al | Mn | Fe | Ca | Mg | V | Zn | Ba | Cu | Hg | Na+ | K+ | Cl- | Br- | SO4= | BAP | NH4+ | NO3- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kwun Tong | 59 | 4.3 | 0.05 | 1.47 | 3.5 | 65 | 2.8 | 281 | 19 | 589 | 806 | 283 | 6.0 | 142 | 18 | 39 | 0.20 | 1796 | 573 | 1252 | 12 | 9483 | 0.19 | 2258 | 2891 |
| Shatin | 46 | 5.6 | 0.05 | 1.18 | 3.0 | 73 | 2.1 | 272 | 18 | 636 | 673 | 234 | 5.0 | 95 | 20 | 19 | 0.20 | 1347 | 676 | 702 | 11 | 9636 | 0.13 | 2510 | 2542 |
| Tai Po | 52 | 5.2 | 0.05 | 1.21 | 2.3 | 76 | 2.1 | 266 | 17 | 600 | 630 | 216 | 4.9 | 103 | 17 | 49 | 0.19 | 1258 | 738 | 864 | 13 | 9228 | 0.16 | 2558 | 2534 |
| Yuen Long | 64 | 7.1 | 0.06 | 1.59 | 3.1 | 111 | 2.5 | 403 | 22 | 674 | 1085 | 232 | 5.2 | 150 | 17 | 32 | 0.20 | 1185 | 1047 | 1051 | 13 | 9923 | 0.38 | 2961 | 4062 |
| Sham Shui Po | 59 | 4.8 | 0.05 | 1.23 | 4.4 | 69 | 2.7 | 318 | 20 | 589 | 891 | 277 | 6.9 | 114 | 14 | 43 | 0.20 | 1695 | 633 | 1144 | 12 | 9394 | 0.16 | 2190 | 2896 |
| Central / Western | 52 | 5.1 | 0.05 | 1.29 | 2.9 | 70 | 2.1 | 328 | 21 | 546 | 944 | 345 | 5.0 | 152 | 12 | 35 | 0.20 | 2247 | 689 | 2157 | 14 | 9832 | 0.12 | 2375 | 3424 |
| Tsuen Wan | 53 | 4.5 | 0.05 | 1.15 | 3.5 | 72 | 2.1 | 269 | 22 | 495 | 780 | 264 | 6.2 | 120 | 13 | 22 | 0.20 | 1664 | 689 | 1081 | 12 | 9522 | 0.15 | 2307 | 2914 |
| Kwai Chung | 48 | 5.3 | 0.05 | 1.40 | 3.7 | 76 | 2.3 | 302 | 18 | 492 | 815 | 243 | 8.1 | 120 | 11 | 20 | 0.19 | 1452 | 709 | 924 | 11 | 9884 | 0.12 | 2451 | 2868 |
| Mong Kok | 77 | 5.1 | 0.06 | 1.49 | 4.8 | 77 | 8.2 | 380 | 30 | 834 | 1249 | 354 | 6.7 | 144 | 22 | 40 | 0.19 | 1958 | 709 | 1795 | 13 | 9985 | 0.30 | 2332 | 3310 |
| Average | 56 | 5.2 | 0.05 | 1.32 | 3.4 | 76 | 2.3 | 310 | 21 | 603 | 868 | 271 | 6.0 | 125 | 16 | 34 | 0.20 | 1619 | 710 | 1215 | 12 | 9610 | 0.21 | 2425 | 3024 |

Note:

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 | Zn - Zinc |
| Be - Beryllium | Ba - Barium |
| Cd - Cadmium | Cu - Copper |
| Ni - Nickel | Hg - Mercury |
| 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 | BAP - Benzoapyrene |
| Mg - Magnesium | NH4+ - Ammonium Ion |
| V - Vanadium | NO3- - Nitrate Ion |