

Such exceedances of the AQOs included a variety of averaging times and pollutants and occurred at stations across the SAR. For example, eight exceedances of the one-hour AQO for nitrogen dioxide were reported at three locations and the annual average AQO for respirable suspended particulates (RSP) was non-compliant at five locations. A summary of the general level of compliance with the AQOs at the AQMS is presented in Tables 5.3a, b and c for nitrogen dioxide, RSP and ozone respectively. AQMS that failed to meet the conditions for compliance defined in the Air Pollution Control Ordinance (APCO) are denoted in **bold**.

Table 5.3a
Summary of Reported Concentrations of Nitrogen Dioxide

AQMS	Maximum 1-hr Concentration (μgm^{-3})	Number of Exceedances of AQO (a)	Maximum 24-hr Concentration (μgm^{-3})	Number of Exceedances of AQO (b)	Annual Average (μgm^{-3})
Central/Western	205	0	131	0	58
Kwai Chung	238	0	147	0	49
Kwun Tong	323	2	179	2	74
Mong Kok	342	4	186	6	85(c)
Sham Shui Po	322	2	172	3	71
Sha Tin	203	0	140	0	49
Tai Po	244	0	157	1	50
Tsuen Wan	208	0	138	0	68
Yuen Long	202	0	134	0	61

Notes:

(a) Concentrations in excess of $300 \mu\text{gm}^{-3}$

(b) Concentrations in excess of $150 \mu\text{gm}^{-3}$

(c) Reported concentration is in excess of the AQO of $80 \mu\text{gm}^{-3}$

Three AQMS are out of compliance with the AQOs for nitrogen dioxide, ie Kwun Tong, Mong Kok and Sham Shui Po. The principal concerns relate to one and twenty four-hour average concentrations and, as noted in *Working Paper 1*, the observation that the prevailing levels of nitrogen dioxide appear to have increased relative to 1996.

Table 5.3b
Summary of Reported Concentrations of Respirable Suspended Particulates

AQMS	Maximum 24-hr Concentration (μgm^{-3})	Number of Exceedances of Maximum 24-hr AQO (a)	Annual Average (μgm^{-3})
Central/Western	147	0	51
Kwai Chung	153	0	47
Kwun Tong	194	1	58(b)
Mong Kok	177	0	60(b)
Sham Shui Po	149	0	57(b)
Sha Tin	180	1	49
Tai Po	132	0	59(b)
Tsuen Wan	168	0	54(b)
Yuen Long	155	0	58(b)

Notes:

(a) Concentrations in excess of $180 \mu\text{gm}^{-3}$

(b) Reported concentration is in excess of the AQO of $55 \mu\text{gm}^{-3}$