reported non-compliances with the AQO in 1997, and it is anticipated that this situation will continue to arise.

- Concentrations of RSP are anticipated to increase at all AQMS. Exceedances of the AQO were reported at the Kwun Tong and Sha Tin AQMS in 1997 and these are expected to continue. In addition, the Mong Kok AQMS is also predicted to become non-compliant. Although increases at all of the remaining AQMS are also predicted, it is not anticipated that these will result in non-compliances.

Maximum hourly average concentrations of nitrogen dioxide and ozone

- Significant increases in peak hourly average concentrations of nitrogen dioxide are predicted at the Central/Western and Kwun Tong AQMS. Peak concentrations at the Central/Western AQMS are expected to increase by approximately 8%.
- Continued exceedances of the nitrogen dioxide AQO at the Mong Kok, Sham Shui Po and Kwun Tong AQMS are predicted and will result in Mong Kok becoming non-compliant.
- All AQMS should continue to meet the AQO for ozone. Concentrations may reduce by approximately 20 μgm^{-3} in some instances.

5.3.3.4 Medium Growth Scenario

This scenario is a modified version of the High Growth (Low End) scenario assessed in Section 5.3.3.3 but it includes policy measures to restrain the vehicle growth rate and an associated reduced level of infrastructure provision.

Annual Average Concentrations of Nitrogen Dioxide and RSP

Tables 5.3n and 5.3o present the changes in annual average concentrations of nitrogen dioxide and RSP predicted at each of the AQMS in the SAR in 2016.

Table 5.3n

Annual Average Concentrations of Nitrogen Dioxide (μgm^{-3})

AQMS	1997	Increment	Total
Central/Western	58	1.0	59.0
Mong Kok	85	2.2	**87.2**
Sha Tin	49	4.2	53.2
Yuen Long	61	7.9	68.9
Tsuen Wan	68	1.3	69.3
Kwai Chung	49	4.6	53.6
Sham Shui Po	71	1.2	72.2
Kwun Tong	74	3.7	77.7
Tai Po	50	-1.0	49.0

With the exception of the AQMS at Tai Po, the predictions indicate an increase in nitrogen dioxide concentrations at all stations. Increases of up to 13 % are predicted at the Yuen Long AQMS. The Mong Kok AQMS is predicted to continue to be out