

An increase of about 55% in nitrogen oxides emissions is projected by the year 2000 from U.S. power generating stations, while in Canada the level is projected to be essentially the same as in 1980, i.e. about 250 kilotonnes. In the transportation sector, the emissions in the U.S. are expected to rise from about 8.5 million tonnes in 1980 to close to 10 million tonnes by the year 2000. In Canada, in the absence of further control action, NO_x emissions are projected to rise steadily from about 1.1 million tonnes in 1980, to 1.3 million tonnes in 1990 and to 1.7 million tonnes by the end of the century. Nitrogen oxides emissions both in Canada and the U.S. are projected to remain essentially constant from commercial, residential and industrial fuel combustion.

Present and projected SO₂ and NO_x emissions data for the U.S. and Canada are presented in Tables A.2.1 to A.2.4. As mentioned previously, the emission projections shown assume no changes in current environmental regulations.

Preliminary estimates of the emissions of pollutants that may also be important in the long range transport of pollutants, i.e. primary sulphates, volatile organics and selected metals have also been developed. Current or the most recently available emissions data for these pollutants are shown in Tables A.2.5 to A.2.8.