Emissions for non-ferrous smelters and other sources are based on data from NEDS and emissions estimates calculated from industrial production data reported in a number of literature references. The category "other sources" includes other industrial processes, solid waste disposal operations, and miscellaneous sources such as forest fires, agricultural burning, and structural fires. For SO_2, the industrial process categories which account for the great majority of emissions from other sources are shown in Table B.2.2. For NO_x, emissions from other sources are negligible compared to emissions from other categories. Nationally, the largest contributors to NO_x emissions from other sources are estimated to be petroleum refineries (21%) and ammonia and nitric acid plants (20%). Remaining emissions are distributed among a number of other source categories.

An analysis was performed to estimate the probable error inherent in the emission estimates of SO_2 and NO_x. The results are summarized in Appendix 3. The probable error in the total national SO_2 emissions was estimated to be 2.3% and for NO_x, was estimated to be 2.0%. The probable errors are estimates of the probable variation of the emissions estimates from "true" emissions values, as a result of the imprecision of data used to compile the emissions estimates and biases inherent in the estimation methodology. The reported probable errors are approximations derived through a combination of statistical theory and engineering judgement. They do not represent true error values obtained through the application of rigorous statistical procedures. The methodology for calculation of these probable errors, along with a sample of more detailed results for one state, is presented in Appendix 3.