

TABLE C.2.2 ESTIMATED NATIONWIDE EMISSIONS, 1940^a

Units of measurement	Source	SO _x	TSP	CO	HC	NO _x
10 ⁶ tons per year	Transportation	0.7	0.5	29.0	6.0	1.8
	Highway vehicles	0.0	0.2	26.3	5.4	1.5
	Non-highway vehicles	0.7	0.3	2.7	0.6	0.3
	Stationary fuel combustion	16.8	9.6	3.7	0.8	3.5
	Electric utilities	2.9	2.0	0.0	0.0	0.6
	Industrial	9.3	6.2	0.3	0.3	1.9
	Residential, commercial, institutional	4.6	1.4	3.4	0.5	1.0
	Industrial processes	3.9	11.0	7.2	3.5	0.1
	Chemicals	0.1	0.4	4.4	1.5	0.0
	Petroleum refining	0.2	0.0	0.2	0.5	0.1
	Metals	3.2	3.7	2.3	0.1	0.0
	Mineral products	0.2	4.4	0.0	0.0	0.0
	Oil and gas production and marketing	0.0	0.0	0.0	1.2	0.0
	Industrial organic solvent use	0.0	0.0	0.0	0.1	0.0
	Other processes	0.0	2.5	0.3	0.1	0.0
	Solid waste	0.0	0.6	4.3	0.9	0.1
	Miscellaneous	0.5	5.8	42.5	7.8	1.2
	Forest wildfires and managed burning	0.0	3.8	32.1	5.5	0.9
	Agricultural burning	0.0	1.6	9.1	1.9	0.2
	Coal refuse burning	0.5	0.4	1.2	0.2	0.1
	Structural fires	0.0	0.0	0.1	0.0	0.0
Miscellaneous organic solvent use	0.0	0.0	0.0	0.2	0.0	
Total		21.9	27.5	86.7	19.0	6.7

^a A value of zero indicates emissions of less than 50 000 tons per year.

Historical Emission Trends on Regional Scale. To examine emission trends on a regional basis in the United States, a data file has been constructed which also uses historical fuel use figures to calculate emissions of SO₂ and NO_x from various categories of sources. The basic file contains emissions at the individual state level for the following source categories: