Table 3-1: Emissions from Industrial Processes (Tg CO_2 Eq.)

Gas/Source	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
CO_2	**168.2**	**158.1**	**158.0**	**153.2**	**160.0**	**164.1**	**160.4**	**171.2**	**164.2**	**161.4**	**161.9**
Iron and Steel Production	85.4	76.2	75.0	69.9	73.6	74.4	68.3	76.1	67.4	64.4	65.7
Cement Manufacture	33.3	32.5	32.8	34.6	36.1	36.8	37.1	38.3	39.2	40.0	41.1
Ammonia Manufacture	18.5	18.7	19.5	18.7	19.5	18.9	19.5	19.5	20.1	18.9	18.0
Lime Manufacture	11.2	11.0	11.4	11.6	12.1	12.8	13.5	13.7	13.9	13.5	13.3
Limestone and Dolomite Use	5.2	5.0	4.5	4.1	5.2	7.0	7.4	8.4	8.2	9.1	9.2
Aluminum Production	6.3	6.4	6.3	5.8	5.1	5.3	5.6	5.6	5.8	5.9	5.4
Soda Ash Manufacture and Consumption	4.1	4.0	4.1	4.0	4.0	4.3	4.2	4.4	4.3	4.2	4.2
Ferroalloy Production	2.0	2.0	2.0	2.0	1.8	1.9	2.0	2.0	2.0	2.0	1.7
Titanium Dioxide Production	1.3	1.3	1.5	1.6	1.7	1.7	1.7	1.8	1.8	1.9	2.0
Carbon Dioxide Consumption	0.8	0.8	0.9	0.9	0.9	1.0	1.1	1.3	1.4	1.6	1.4
CH_4	**1.2**	**1.2**	**1.3**	**1.4**	**1.5**	**1.5**	**1.6**	**1.6**	**1.7**	**1.7**	**1.7**
Petrochemical Production	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.7
Silicon Carbide Production	+	+	+	+	+	+	+	+	+	+	+
N_2O	**32.7**	**32.5**	**30.9**	**32.5**	**35.0**	**37.8**	**38.5**	**32.7**	**28.6**	**27.8**	**27.9**
Nitric Acid Production	17.8	17.8	18.3	18.6	19.6	19.9	20.7	21.2	20.9	20.1	19.8
Adipic Acid Production	14.9	14.7	12.6	13.9	15.4	17.9	17.8	11.5	7.7	7.7	8.1
HFCs, PFCs, and SF_6	**93.6**	**88.1**	**89.4**	**94.0**	**92.8**	**98.5**	**111.9**	**116.9**	**127.7**	**120.0**	**121.3**
Substitution of Ozone Depleting Substances	0.9	0.8	1.5	5.2	8.4	21.8	30.6	38.0	44.9	51.3	57.8
HCFC-22 Production	35.0	30.8	34.9	31.8	31.6	27.0	31.1	30.0	40.2	30.4	29.8
Electrical Transmission and Distribution	31.2	32.5	30.2	34.1	31.4	26.5	26.8	24.5	20.1	15.5	14.4
Aluminum Production	18.1	15.7	14.5	13.9	12.2	11.8	12.5	11.0	9.0	8.9	7.9
Semiconductor Manufacture	2.9	2.9	2.9	3.6	3.9	5.9	5.4	6.5	7.3	7.7	7.4
Magnesium Production and Processing	5.5	5.5	5.5	5.4	5.2	5.5	5.5	6.9	6.2	6.1	4.0
Total	**295.7**	**279.9**	**279.7**	**281.0**	**289.2**	**301.9**	**312.3**	**322.4**	**322.1**	**310.8**	**312.8**

+ Does not exceed 0.05 Tg CO_2 Eq.

Note: Totals may not sum due to independent rounding.