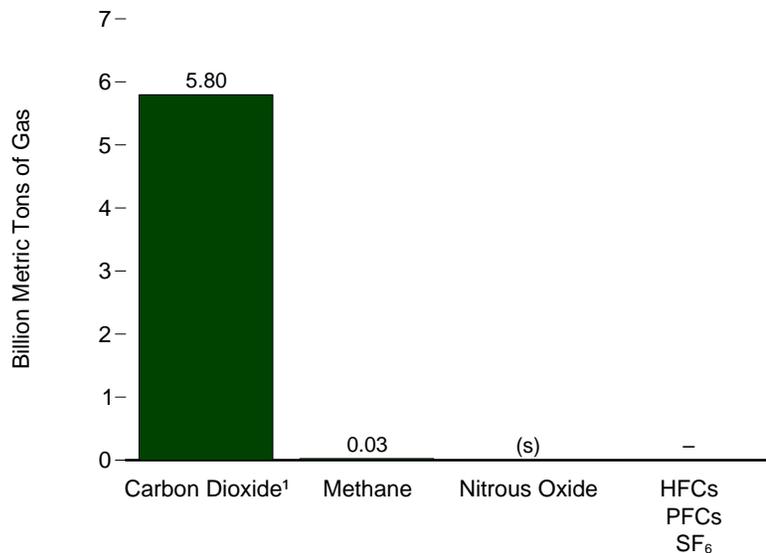
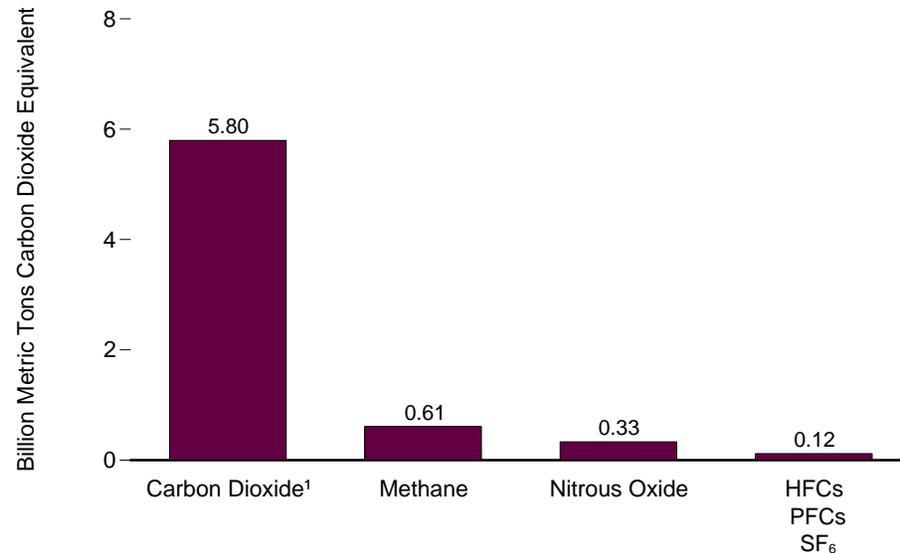


**Figure 12.1 Emissions of Greenhouse Gases**

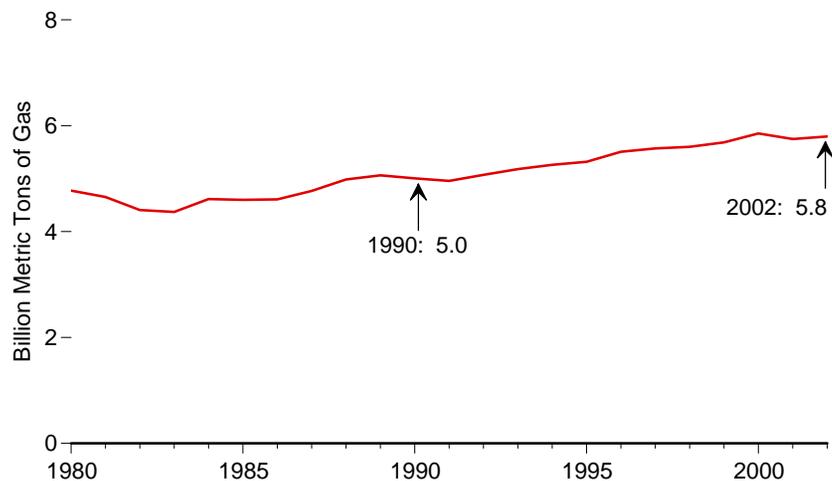
**Emissions by Type of Gas, 2002**



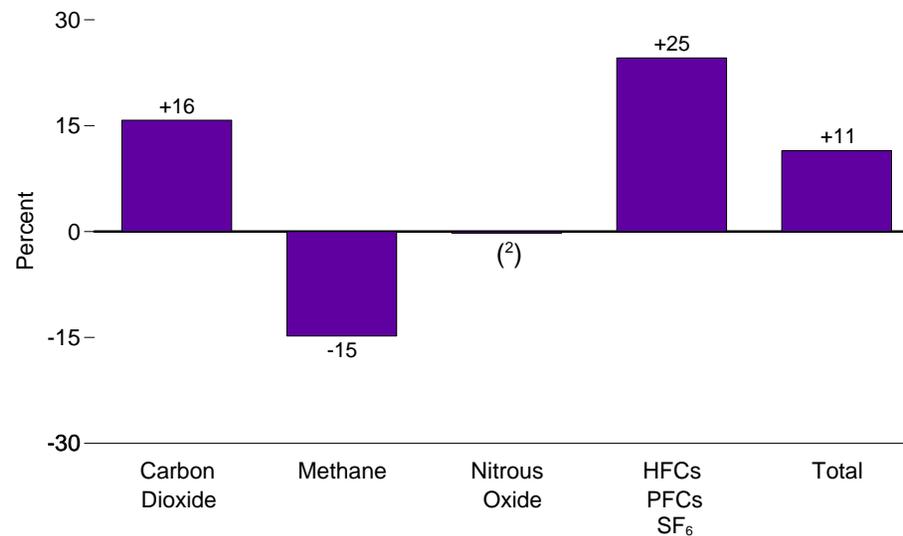
**Emissions, Based on Global Warming Potential, by Type of Gas, 2002**



**Carbon Dioxide<sup>1</sup> Emissions, 1980-2002**



**Change 1990-2002 in Emissions Based on Global Warming Potential**



<sup>1</sup> Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.

<sup>2</sup> -0.2 percent.

(s)=Less than 0.005 billion metric tons of gas.

= Not applicable because these gases cannot be summed in native units.

Notes: • HFCs=hydrofluorocarbons; PFCs=perfluorocarbons; and SF<sub>6</sub>=sulfur hexafluoride.

• Emissions by type of gas should not be compared; for comparison, see emissions based on global warming potential by type of gas. • Because vertical scales differ, graphs should not be compared.

Source: Table 12.1.