Figure 11.5 Emissions From Energy Consumption for Electricity Generation and Useful Thermal Output

Emissions by Type of Generating Unit, 2010

Carbon Dioxide
- Coal: 1,874
- Natural Gas: 462
- Petroleum: 39
- Other¹: 14

Sulfur Dioxide
- Total: 5.0

Nitrogen Oxides
- Total: 1.8

¹ For carbon dioxide: municipal solid waste from non-biogenic sources; tire-derived fuel, and geothermal. For sulfur dioxide and nitrogen oxides: blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels; wood and wood-derived fuels; municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass; and chemicals, hydrogen, pitch, sulfur, and tar coal.

Emissions by Sector, 1989-2010

Carbon Dioxide
- Electric Power Sector: 2.8
- Industrial Sector: 2.1

Sulfur Dioxide
- Electric Power Sector: 18
- Industrial Sector: 12

Nitrogen Oxides
- Electric Power Sector: 8
- Industrial Sector: 6

¹ Includes Commercial Sector.
² For sulfur dioxide and nitrogen oxides: blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels; wood and wood-derived fuels; municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass; and chemicals, hydrogen, pitch, sulfur, and tar coal.

Sources: Tables 11.5a-11.5c.