Figure 47. Industrial Sector Energy Consumption by Fuel, 1970, 1980, 1996, and 2010

Quadrillion Btu

Legend: Petroleum, Natural Gas, Steam Coal, Electricity, Losses

History / Projections for 2010

Categories: 1970, 1980, 1996, Reference 1990 +24%, 1990 +9%, 1990 -3%
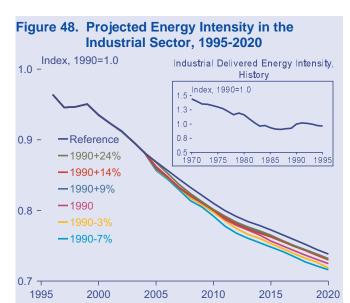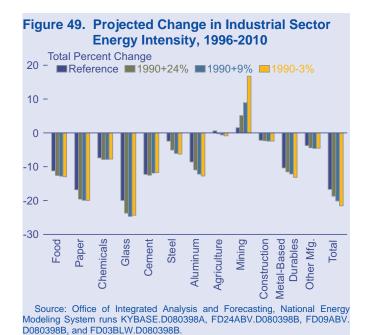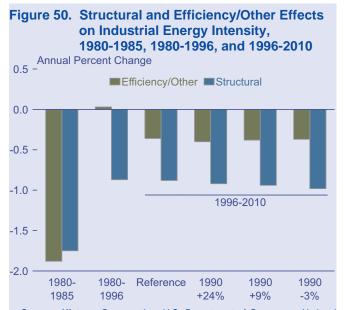
Sources: **History:** Energy Information Administration, *State Energy Data Report 1995*, DOE/EIA-0214(96) (Washington, DC, December 1997). **Projections:** Office of Integrated Analysis and Forecasting, National Energy Modeling System runs KYBASE.D080398A, FD24ABV.D080398B, FD09ABV. D080398B, and FD03BLW.D080398B.

Figure 48. Projected Energy Intensity in the Industrial Sector, 1995-2020

Index, 1990=1.0

Industrial Delivered Energy Intensity, History

Legend: Reference, 1990+24%, 1990+14%, 1990+9%, 1990, 1990-3%, 1990-7%

Sources: **History:** Consumption: Energy Information Administration, *State Energy Data Report 1995*, DOE/EIA-0214(96) (Washington, DC, December 1997). Output: Constructed by Standard & Poor's DRI from U.S. Department of Commerce, "Benchmark Input-Output Accounts for the U.S. Economy, 1992: Make, Use, and Supplementary Tables," Survey of Current Business, November 1997, and predecessor benchmark tables. **Projections:** Office of Integrated Analysis and Forecasting, National Energy Modeling System runs KYBASE. D080398A, FD24ABV.D080398B, FD1998.D080398B, FD09ABV.D080398B, FD1990.D080398B, FD03BLW.D080398B, and FD07BLW.D080398B.

Figure 49. Projected Change in Industrial Sector Energy Intensity, 1996-2010

Total Percent Change

Legend: Reference, 1990+24%, 1990+9%, 1990-3%

Categories: Food, Paper, Chemicals, Glass, Cement, Steel, Aluminum, Agriculture, Mining, Construction, Metal-Based Durables, Other Mfg., Total

Source: Office of Integrated Analysis and Forecasting, National Energy Modeling System runs KYBASE.D080398A, FD24ABV.D080398B, FD09ABV. D080398B, and FD03BLW.D080398B.

Figure 50. Structural and Efficiency/Other Effects on Industrial Energy Intensity, 1980-1985, 1980-1996, and 1996-2010

Annual Percent Change

Legend: Efficiency/Other, Structural

1996-2010

Categories: 1980-1985, 1980-1996, Reference, 1990+24%, 1990+9%, 1990-3%

Sources: **History:** Consumption: U.S. Department of Commerce, National Technical Information Service, National Energy Accounts, PB89-187918 (Springfield, VA, February 1989). Output: Constructed by Standard & Poor's DRI from U.S. Department of Commerce, "Benchmark Input-Output Accounts for the U.S. Economy, 1992: Make, Use, and Supplementary Tables," Survey of Current Business, November 1997, and predecessor benchmark tables. **Projections:** Office of Integrated Analysis and Forecasting, National Energy Modeling System runs KYBASE.D080398A, FD24ABV.D080398B, FD09ABV.D080398B, and FD03BLW.D080398B.