

## Annual Energy Outlook Retrospective Review, 2013

Variable	Average Absolute Percent Differences	Percent of Projections Over- Estimated
<b>Gross Domestic Product</b>		
Real Gross Domestic Product (Average Cumulative Growth)* (Table 2)	0.9	46.1
<b>Petroleum</b>		
Imported Refiner Acquisition Cost of Crude Oil (Constant \$) (Table 3a)	36.6	18.0
Imported Refiner Acquisition Cost of Crude Oil (Nominal \$) (Table 3b)	35.9	18.9
Total Petroleum Consumption (Table 4)	7.1	68.9
Crude Oil Production (Table 5)	6.7	55.3
Petroleum Net Imports (Table 6)	18.0	71.4
<b>Natural Gas</b>		
Natural Gas Wellhead Prices (Constant \$) (Table 7a)	33.6	32.5
Natural Gas Wellhead Prices (Nominal \$) (Table 7b)	33.0	33.5
Total Natural Gas Consumption (Table 8)	7.9	68.4
Natural Gas Production (Table 9)	7.3	63.6
Natural Gas Net Imports (Table 10)	41.0	72.3
<b>Coal</b>		
Coal Prices to Electric Generating Plants (Constant \$)** (Table 11a)	19.4	37.9
Coal Prices to Electric Generating Plants (Nominal \$)** (Table 11b)	21.1	41.3
Total Coal Consumption (Table 12)	9.4	63.6
Coal Production (Table 13)	6.6	66.5
<b>Electricity</b>		
Average Electricity Prices (Constant \$) (Table 14a)	10.0	35.9
Average Electricity Prices (Nominal \$) (Table 14b)	12.4	40.8
Total Electricity Sales (Table 15)	4.5	50.5
<b>Total Energy, Carbon and Intensity</b>		
Total Energy Consumption (Table 16)	6.3	80.6
Delivered Residential Energy Consumption (Table 17)	5.1	71.8
Delivered Commercial Energy Consumption (Table 18)	6.4	48.1
Delivered Industrial Energy Consumption (Table 19)	11.1	87.9
Delivered Transportation Energy Consumption (Table 20)	7.2	80.1
Total Energy Related Carbon Dioxide Emissions (Table 21)	7.5	65.0
Energy Intensity (Energy Consumption / Real \$ GDP) (Table 22)	10.1	94.2

### AEO - Annual Energy Outlook

Source: These statistics summarize the calculations in Tables 2 through 22. The data in Tables 2 through 22 are based on the 1994 through 2013 AEO Reference case projections. Historical data are taken from the *Monthly Energy Review August 27, 2013*, DOE/EIA-0035(2013/08) (Washington, DC, August 2013), except for GDP data which are from the Bureau of Economic Analysis, U.S. Dept. of Commerce, July 2013, <http://www.bea.gov/national/xls/gdplev.xls>.

\* The basis for GDP comparison is the projection differences in the cumulative average growth rate of real GDP from the first year shown for each AEO. The summary information for projection differences given for GDP growth rates is absolute percentage point differences; for all other AEO concepts, the comparison basis is absolute percent differences.

\*\* Beginning in AEO2003, EIA electric generating projections incorporated combined heat and power (CHP) electricity generation in electricity generating plants. Prior to AEO2003, coal price projections reflected data collected, estimated, and reported to electric utilities and excluded CHP power generation.