

Appendix E

What's New in the State Energy Data System

Tables and data files in the State Energy Data System (SEDS) supply a new year of data each production cycle. The latest data may be preliminary and, therefore, revised the following cycle. Changes made to consumption and price source data for historical years are also regularly incorporated into SEDS.

Listed below are changes in SEDS content. Only years with changes beyond the standard updates are shown.

Natural Gas

Beginning in 1980 natural gas consumption in Btu is revised to remove supplemental gaseous fuels (SGF). Since SGF are mostly derived from fossil fuels, which are already accounted for, they are removed to eliminate double counting in total energy consumption. Consumption estimates in physical units continue to include small amounts of SGF, as reported by the data source.

Petroleum

Kerosene

Kerosene consumed by all sectors and States for 1984 is revised to incorporate the use of unadjusted sales in the estimation methodology. The revised data are available in the EIA Petroleum Navigator but were not published in *Petroleum Marketing Monthly*.

Petroleum Coke

Beginning in 1993, State-level aluminum production capacity data, which are used as State allocators for petroleum coke use in the industrial sector other than refineries and combined-heat-and-power plants, have been adjusted to account for under-utilization of the plants.

Renewable Energy

Fuel Ethanol

Fuel ethanol consumption is now allocated to the commercial, industrial, and transportation sectors using the motor gasoline consumption share for each sector. Previously, all fuel ethanol consumption was assigned to the transportation sector.

Waste

The definition of waste is revised to exclude non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels) beginning in 2001. Because this portion is mostly derived from fossil fuels, which are already accounted for, it is removed from total energy to eliminate the previous double counting. See article, "[Methodology for Allocating Municipal Solid Waste to Biogenic and Non Biogenic Energy](#)," on the [Renewable Alternative Fuels](#) website under "Analyses."

Real Gross Domestic Product by State

Real gross domestic product (GDP) by State (beginning in 1977) from the U.S. Department of Commerce, Bureau of Economic Analysis, is incorporated into SEDS for the first time. The real GDP data are used in SEDS to calculate total energy consumed per chained (2000) dollar of output by

State. The GDP data used in SEDS through 1996 are based on the Standard Industrial Classification (SIC), while the GDP data used in SEDS for 1997 forward are based on the North American Industry Classification System (NAICS). See the SEDS Technical Notes for more information on data sources, estimation procedures, and assumptions.