

Appendix F

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 contents beyond the standard updates.

Total Energy

Beginning in 1980, supplemental gaseous fuels, which are accounted for both in the fossil fuels from which they are derived and in natural gas, are removed once from total energy consumption for the residential, commercial, industrial, and electric power sectors to prevent double-counting. In addition, beginning in 1981, the industrial sector consumption includes energy losses and co-products from the production of fuel ethanol in the U.S. total. Individual State estimates are not available because reliable State allocators have not been identified.

Natural Gas

Natural gas consumption estimates in Btu are revised to include the small amount of supplemental gaseous fuels that are commingled with natural gas.

Petroleum and Ethanol

Fuel Ethanol

The method for estimating fuel ethanol not blended into motor gasoline by State is revised beginning in 2005. The State estimates are now based on several data series: (1) prime supplier sales of conventional and reformulated gasoline; (2) production of conventional and reformulated gasoline with and without alcohol; (3) a standard ethanol-to-motor-gasoline "blend ration" of 10 percent for all States except California and Minnesota; and (4) estimated fuel ethanol "product supplied." See page 79 for detailed information.