

## Appendix D. Data and methodology changes

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.

### *Petroleum*

#### *Distillate fuel oil*

For 2009 forward, SEDS revises its estimates for distillate fuel oil consumption, prices, and expenditures for all sectors because of updated biofuels blending and product supplied accounting. For 2009 through 2011, state data are available in SEDS for “adjusted” biodiesel consumption blended with distillate fuel oil in the transportation sector using U.S.-level estimates from EIA’s [Monthly Energy Review](#) (MER) allocated proportionally to SEDS state-level biodiesel consumption estimates. For 2012 forward, state data are available in SEDS for refinery and blender net inputs of biodiesel and renewable diesel by sector using data from EIA’s [Petroleum Supply Annual](#) (PSA) allocated proportionally to SEDS state-level biodiesel and renewable diesel consumption estimates by sector. For 2021 forward, new and revised state data are available in SEDS for biodiesel and renewable diesel product supplied by sector using data from EIA’s PSA allocated proportionally to SEDS state-level biodiesel and renewable diesel consumption estimates by sector. See the SEDS [technical notes](#) sections for distillate fuel oil, additional calculations, and adjusted consumption for expenditure calculations for more information.

### *Renewable energy*

#### *Biodiesel*

For 2001 forward, SEDS revises its estimates for biodiesel consumption in all sectors. For 2006 forward, state data are available in SEDS for biodiesel consumed by the electric power sector using data from Form EIA-923 and other public sources. For 2013 forward, state data are available in SEDS for biodiesel consumed by the residential and

commercial sectors using various data from state public records, blend laws, and other public sources. For 2001 forward, SEDS revises its data for biodiesel consumed by the transportation sector using various data from state public records, blend laws, other public sources, unpublished Form EIA-819 and predecessor surveys data by region, and other assumptions. See the SEDS [technical notes](#) for more information.

#### *Wood*

For 2020 forward, SEDS revises its estimates for wood consumption in the residential sector, using data from: EIA’s [Monthly Energy Review](#) (MER); EIA’s 2020 [Residential Energy Consumption Survey](#) (RECS); U.S. Department of Commerce, Census Bureau, [American Community Survey](#) (ACS); and U.S. Department of Commerce, [National Oceanic and Atmospheric Administration](#) (NOAA) state population-weighted heating degree days (HDD). See the SEDS [technical notes](#) for more information.