

SEDS data file and table variables

Production estimates

The State Energy Data System (SEDS) publishes a complete set of annual state-level energy estimates in PDF and HTML tables on the [SEDS complete](#) website. SEDS also provides the data in various CSV and zip files, including some variables that are not published in the tables. See the [production technical notes](#) for the sources and methods used to estimate SEDS energy production.

This document lists the SEDS variables (called MSNs) used in each published table and in the data files. See [Section 1](#) of the SEDS consumption technical notes for explanation of the five-character MSN code descriptions and the [codes and descriptions](#) file for definitions of the published MSN variables.

The Excel file all [production estimates](#) contains all of the SEDS production estimates in both physical units and billion British thermal units (Btu) for all states and years. The first row in each file serves as a column heading and contains information about the data in each of the following records. Each data file record that follows begins with the data_status (5 characters, identifying the year of the data cycle plus an “F” that denotes “final”), followed by the state, federal offshore, or US code (2 characters), the MSN code identifier, and the values for the years 1960 through 2022.

Production estimates contained in this Excel file are generally rounded to whole numbers. Conversion factors and ratios are usually rounded to a few decimal places. The precision does not necessarily reflect the statistical accuracy of the numbers.

In addition to the cross-tabulation CSV files, there is a large consolidated data file containing over 2.0 million records of the complete set of SEDS energy production, consumption, prices, expenditures, and indicators. Users can download the [zip file](#) or the [CSV file](#) for further processing.

Contacts:

The State Energy Data System tables were prepared by the Integrated Statistics Team of the Office of Energy Demand & Integrated Statistics, U.S. Energy Information Administration. Questions concerning the contents of the State Energy Data System or these files may be referred to Mickey Francis, (202) 586-0525, or eiainfoUSstates@eia.gov.

Production tables:

Table P1 Primary energy production estimates in physical units						
CLPRP	NGMPP	PAPRP	NUEGP	ENPRP	BDPRP	B1PRP

Table P2 Primary energy production estimates in trillion Btu							
CLPRB	NGMPB	PAPRB	NUETB	BFPRB	WWPRB	NCPRB	TEPRB

Table P3 Total primary energy production and total energy consumption estimates in trillion Btu	
TEPRB	TETCB

Table P4A Primary energy production estimates, fossil fuels and nuclear energy, in physical units, ranked by state			
CLPRP	PAPRP	NGMPP	NUEGP

Table P4B Primary energy production estimates, biofuels, in thousand barrels, ranked by state			
BDPRP	ENPRP	B1PRP	BOPRP*

Table P5A Primary energy production estimates, fossil fuels and nuclear energy, in trillion Btu, ranked by state			
CLPRB	NGMPB	PAPRB	NUETB

Table P5B Primary energy production estimates, renewable and total energy, in trillion Btu, ranked by state				
BFPRB	WWPRB	NCPRB	REPRB	TEPRB

Table PT1 Primary energy production estimates in physical units						
CLPRP	NGMPP	PAPRP	ENPRP	BDPRP	B1PRP	BOPRP*

Table PT2 Primary energy production estimates in trillion Btu							
CLPRB	NGMPB	PAPRB	NUETB	BFPRB	WWPRB	NCPRB	TEPRB

*Appears only in U.S. tables