

# SEDS Data File and Table Variables

## Energy Source Tables

The State Energy Data System (SEDS) publishes updated annual state-level energy estimates in PDF and HTML tables for the latest year on the [SEDS Updates](#) website, as they become available throughout the year. SEDS also provides the data in several CSV and zip files. See the [Technical Notes](#) for the sources and methods used to estimate SEDS energy consumption, prices, and expenditures.

This document describes the SEDS variables (called MSNs) used in each of the published tables and data files. See Section 1 of the SEDS [Consumption Technical Notes](#) and [Price and Expenditure Technical Notes](#) for explanation of the five-character MSN code descriptions and the downloadable [Codes and Descriptions](#) file for definitions of the published MSN variables.

There is a CSV file for the latest year's data for each energy source as shown in the HTML and PDF data tables. In some cases there is one data file for two tables. The first record in each file contains the column headings. The first data field is the state code (2 characters), followed by the MSN code identifier, and then the estimates for the latest year.

In addition, SEDS publishes a set of cross-tabulation CSV files and a large consolidated data file containing the latest estimates and revisions for the full time-series as they become available throughout the year on the [SEDS Updates](#) page. The first data field, "data\_status," identifies the year of the data cycle plus a "P" for "in progress." They are updated every time a new set of SEDS estimates is released.

Consumption estimates are generally rounded to whole numbers. Price estimates are rounded to two decimal places and expenditure estimates to one decimal place. Conversion factors and ratios are usually rounded to a few decimal places. The precision does not necessarily reflect the statistical accuracy of the numbers.

### **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](mailto:eiainfoUSstates@eia.gov).

List of SEDS variables in the order they appear in the Energy Source tables.

<b>Table F1: Aviation gasoline consumption, price, and expenditure estimates</b>			
AVTCP	AVTCB	AVTCD	AVTCV

<b>Table F2: Jet fuel consumption, price, and expenditure estimates</b>			
JFTCP	JFTCB	JFTCD	JFTCV

<b>Table F3: Motor gasoline consumption, price, and expenditure estimates</b>						
MGCCP	MGICP	MGACP	MGTCP	MGCCB	MGICB	MGACB
MGTCB	MGTCD	MGCCV	MGICV	MGACV	MGTCV	

<b>Table F4: Asphalt and road oil consumption, price, and expenditure estimates</b>			
ARTCP	ARTCB	ARTCD	ARTCV

<b>Table F5: Residual fuel oil consumption estimates</b>				
RFCCP	RFICP	RFACP	RFEIP	RFTCP
RFCCB	RFICB	RFACB	RFEIB	RFTCB

<b>Table F6: Residual fuel oil price and expenditure estimates</b>				
RFCCD	RFICD	RFACD	RFEID	RFTCD
RFCCV	RFICV	RFACV	RFEIV	RFTCV

<b>Table F7: Kerosene consumption, price, and expenditure estimates</b>							
KSRCP	KSCCP	KSICP	KSTCP	KSRCB	KSCCB	KSICB	KSTCB
KSRCV or KSCCV	KSICV	KSTCV	KSRCV	KSCCV	KSICV	KSTCV	

<b>Table F8: Distillate fuel oil consumption estimates</b>					
DFRCP	DFCCP	DFICP	DFACP	DFEIP	DFTCP
DFRCB	DFCCB	DFICB	DFACB	DFEIB	DFTCB

<b>Table F9: Distillate fuel oil price and expenditure estimates</b>					
DFRCD	DFCCD	DFICD	DFACD	DFEID	DFTCD
DFRCV	DFCCV	DFICV	DFACV	DFEIV	DFTCV

<b>Table F10: Lubricants consumption, price, and expenditure estimates</b>				
LUICP	LUACP	LUTCP	LUICB	LUACB
LUTCB	LUTCD	LUICV	LUACV	LUTCV

<b>Table F11: Hydrocarbon gas liquids consumption estimates</b>				
HLRCP	HLCCP	HLICP	HLACP	HLTCP
HLRCB	HLCCB	HLICB	HLACB	HLTCB

<b>Table F12: Hydrocarbon gas liquids price and expenditure estimates</b>				
HLRCD	HLCCD	HLICD	HLACD	HLTCD
HLRCV	HLCCV	HLICV	HLACV	HLTCV

<b>Table F13: Petroleum coke consumption estimates</b>			
PCCCP	PCICP	PCEIP	PCTCP
PCCCB	PCICB	PCEIB	PCTCB

<b>Table F14: Petroleum coke price and expenditure estimates</b>			
PCCCD	PCICD	PCEID	PCTCD
PCCCV	PCICV	PCEIV	PCTCV

<b>Table F15: Other petroleum products consumption, price, and expenditure estimates</b>			
OPTCP	OPTCB	OPTCD	OPTCV

<b>Table F16: Total petroleum consumption estimates</b>					
PARCP	PACCP	PAICP	PAACP	PAEIP	PATCP
PARCB	PACCB	PAICB	PAACB	PAEIB	PATCB

<b>Table F17: Total petroleum price and expenditure estimates</b>					
PARCD	PACCD	PAICD	PAACD	PAEID	PATCD
PARCV	PACCV	PAICV	PAACV	PAEIV	PATCV

<b>Table F18: Natural gas consumption estimates</b>					
NGRCP	NGCCP	NGICP	NGACP	NGEIP	NGTCP
NGRCB	NGCCB	NGICB	NGACB	NGEIB	NGTCB

<b>Table F19: Natural gas price and expenditure estimates</b>					
NGRCD	NGCCD	NGICD	NGACD	NGEID	NGTCD
NGRCV	NGCCV	NGICV	NGACV	NGEIV	NGTCV

<b>Table F20: Electricity consumption estimates</b>				
ESRCP	ESCCP	ESICP	ESACP	ESTCP
ESRCB	ESCCB	ESICB	ESACB	ESTCB

<b>Table F21: Electricity price and expenditure estimates</b>				
ESRCD	ESCCD	ESICD	ESACD	ESTCD
ESRCV	ESCCV	ESICV	ESACV	ESTCV

<b>Table F22: Nuclear energy consumption, price, and expenditure estimates</b>			
NUETP	NUETB	NUETD	NUETV

<b>Table F23: Coal consumption estimates and imports and exports of coal coke</b>						
CLRCP	CLCCP	CLICP	CLEIP	CLTCP	CCIMPUS	CCEXPUS
CLRCB	CLCCB	CLICB	CLEIB	CLTCB	CCIMBUS	CCEXPUS

<b>Table F24: Coal price and expenditure estimates and imports and exports of coal coke</b>						
CLRCD	CLCCD	CLICD	CLEID	CLTCD	CCIMDUS	CCEXDUS
CLRCV	CLCCV	CLICV	CLEIV	CLTCV	CCIMVUS	CCEXVUS

<b>Table F25: Fuel ethanol consumption estimates</b>			
ENCCP	ENICP	ENACP	ENTCP
EMCCB	EMICB	EMACB	EMTCB

<b>Table F26: Biodiesel consumption estimates</b>			
BDACP	BDTCP	BDACB	BDTCB

<b>Table F27: Renewable diesel consumption estimates</b>			
BIACP	BITCP	BIACB	BITCB

<b>Table F28: Wood and biomass waste consumption estimates</b>				
WDRCB	WWCCB	WWICB	WWEIB	WWTCB

<b>Table F29: Wood and biomass waste price and expenditure estimates</b>				
WDRCD	WWCCD	WWICD	WWEID	WWTCD
WDRCV	WWCCV	WWICV	WWEIV	WWTCV

<b>Table F30: Geothermal energy consumption estimates</b>					
GEEGP	GERCB	GECCB	GEICB	GEEGB	GETCB

<b>Table F31: Hydroelectric power consumption estimates</b>			
HYCCP	HYICP	HYEGP	HYTCP
HYCCB	HYICB	HYEGB	HYTCB

<b>Table F32: Solar energy consumption estimates</b>				
SOCCP	SOICP	SOEGP		
SORCB	SOCCB	SOICB	SOEGB	SOTCB

<b>Table F33: Wind energy consumption estimates</b>			
WYCCP	WYICP	WYEGP	WYTCP
WYCCB	WYICB	WYEGB	WYTCB

<b>Table F34: Total renewable energy consumption estimates</b>					
RERCB	RECCB	REICB	REACB	REEIB	RETCB

<b>Table F35: Total energy consumption, price, and expenditure estimates</b>				
TERCB	TECCB	TEICB	TEACB	TETCB
TERCD	TECCD	TEICD	TEACD	TETCD
TERCV	TECCV	TEICV	TEACV	TETCV

<b>Table F36: Population, GDP, and degree days</b>				
TPOPP	GDPRX	GDPRV	ZWCDP	ZWHDP

<b>Table F37: Electric net summer capacity: total (all sectors)</b>				
BTGBP	CLGBP	ELGBP	FFGBP	GEGBP
HPGBP	HVGBP	NGGBP	NUGBP	PAGBP
REGBP	SOGBP	WDGBP	WSGBP	WYGBP

<b>Table F38: Capacity factors and usage factors at electric generators: total (all sectors)</b>						
BMCAS	BTCAS	CLCAS	CYCAS	GECAS	HPCAS	HVCAS
NTCAS	NUCAS	NYCAS	PACAS	SHCAS	SPCAS	WYCAS

<b>Table F39: Electric light-duty vehicles overview</b>			
BTVHN	LDVHN	PHVHN	ELVHS

<b>Table F40: Electric vehicle charging infrastructure</b>						
EVPUP	EVPVP	EVPPP	EVNTP	EVNOP	EVNNP	EVCHP
EVCHN	EV0CN	EV1CN	EV2CN	EVDCN	EV2CR	EVD CR