

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 various Excel, CSV, and zip files. See the [technical notes](#) for the sources and methods used to estimate SEDS energy production, consumption, prices, expenditures, and indicators.

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 Excel, CSV, and zip 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.

List of SEDS variables in the order they appear in the energy source tables:

Table F1 Aviation gasoline consumption, price, and expenditure estimates			
AVTCP	AVTCB	AVTCD	AVTCV

Table F2 Jet fuel consumption, price, and expenditure estimates			
JFTCP	JFTCB	JFTCD	JFTCV

Table F3 Kerosene consumption, price, and expenditure estimates							
KSRCP	KSCCP	KSICP	KSTCP	KSRCB	KSCCB	KSICB	KSTCB
KSRC or KSCCD	KSICD	KSTCD	KSRCV	KSCCV	KSICV	KSTCV	

Table F4 Residual fuel oil consumption estimates				
RFCCP	RFICP	RFACP	RFEIP	RFTCP
RFCCB	RFICB	RFACB	RFEIB	RFTCB

Table F5 Residual fuel oil price and expenditure estimates				
RFCCD	RFICD	RFACD	RFEID	RFTCD
RFCCV	RFICV	RFACV	RFEIV	RFTCV

Table F6 Hydrocarbon gas liquids consumption estimates				
HLRCP	HLCCP	HLICP	HLACP	HLTCP
HLRCB	HLCCB	HLICB	HLACB	HLTCB

Table F7 Hydrocarbon gas liquids price and expenditure estimates				
HLRCD	HLCCD	HLICD	HLACD	HLTCD
HLRCV	HLCCV	HLICV	HLACV	HLTCV

Table F8 Distillate fuel oil consumption estimates					
DFRCP	DFCCP	DFICP	DFACP	DFEIP	DFTCP
DFRCB	DFCCB	DFICB	DFACB	DFEIB	DFTCB

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

Table F10 Motor gasoline consumption, price, and expenditure estimates						
MGCCP	MGICP	MGACP	MGTCP	MGCCB	MGICB	MGACB
MGTCB	MGTC	MGCCV	MGICV	MGACV	MGTCV	

Table F11 Asphalt and road oil consumption, price, and expenditure estimates			
ARTCP	ARTCB	ARTCD	ARTCV

Table F12 Lubricants consumption, price, and expenditure estimates				
LUICP	LUACP	LUTCP	LUICB	LUACB
LUTCB	LUTCD	LUICV	LUACV	LUTCV

Table F13 Petroleum coke consumption estimates			
PCCCP	PCICP	PCEIP	PCTCP
PCCCB	PCICB	PCEIB	PCTCB

Table F14 Petroleum coke price and expenditure estimates			
PCCCD	PCICD	PCEID	PCTCD
PCCCV	PCICV	PCEIV	PCTCV

Table F15 Other petroleum products consumption, price, and expenditure estimates			
OPTCP	OPTCB	OPTCD	OPTCV

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

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

Table F18 Nuclear energy consumption, price, and expenditure estimates			
NUETP	NUETB	NUETD	NUETV

Table F19 Electricity consumption estimates				
ESRCP	ESCCP	ESICP	ESACP	ESTCP
ESRCB	ESCCB	ESICB	ESACB	ESTCB

Table F20 Electricity price and expenditure estimates				
ESRCD	ESCCD	ESICD	ESACD	ESTCD
ESRCV	ESCCV	ESICV	ESACV	ESTCV

Table F21 Natural gas consumption estimates					
NGRCP	NGCCP	NGICP	NGACP	NGEIP	NGTCP
NGRCB	NGCCB	NGICB	NGACB	NGEIB	NGTCB

Table F22 Natural gas price and expenditure estimates					
NGRCD	NGCCD	NGICD	NGACD	NGEID	NGTCD
NGRCV	NGCCV	NGICV	NGACV	NGEIV	NGTCV

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

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

Table F25 Geothermal energy consumption estimates					
GEEGP	GERCB	GECCB	GEICB	GEEGB	GETCB

Table F26 Hydroelectric power consumption estimates			
HYCCP	HYICP	HYEGP	HYTCP
HYCCB	HYICB	HYEGB	HYTCB

Table F27 Solar energy consumption estimates				
SOR7P	SOCCP	SOICP	SOEGP	SOTGP
SORCB	SOCCB	SOICB	SOEGB	SOTCB

Table F28 Wind energy consumption estimates			
WYCCP	WYICP	WYEGP	WYTCP
WYCCB	WYICB	WYEGB	WYTCB

Table F29 Biodiesel consumption estimates				
BDRCP	BDCCP	BDACP	BDEIP	BDTCP
BDRCB	BDCCB	BDACB	BDEIB	BDTCB

Table F30 Renewable diesel consumption estimates			
B1ACP	B1TCP	B1ACB	B1TCB

Table F31 Fuel ethanol consumption estimates			
ENCCP	ENICP	ENACP	ENTCP
EMCCB	EMICB	EMACB	EMTCB

Table F32 Wood and biomass waste consumption estimates				
WDRCB	WWCCB	WWICB	WWEIB	WWTCB

Table F33 Wood and biomass waste price and expenditure estimates				
WDRCD	WWCCD	WWICD	WWEID	WWTCD
WDRCV	WWCCV	WWICV	WWEIV	WWTCV

Table F34 Total renewable energy consumption estimates					
RERCB	RECCB	REICB	REACB	REEIB	RETCB

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

Table F36 Population, GDP, and degree days				
TPOPP	GDPRX	GDPRV	ZWHDP	ZWCDP

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

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

Table F39 Electric light-duty vehicles overview				
BTVHN	PHVHN	ELVHN	LDVHN	ELVHS

Table F40 Electric vehicle charging infrastructure						
EVPUP	EVPVP	EVPPP	EVNTP	EVNOP	EVNNP	EVCHP
EVDCN	EV2CN	EV1CN	EV0CN	EVCHN	EVDCA	EV2CA

Table F41 Estimated consumption of electricity by light-duty electric vehicles		
PHVHP	BTVHP	ESVHP