

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 |
| KSRCV or KSCCV | KSICV | KSTCV | 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 |
| MGTCP | MGTCD | MGCCV | MGICV | MGACV | MGTVC | |

| 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 | EVDRCR | EV2CR |

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