Section 1. Energy indicators

This section describes how the U.S. Energy Information Administration (EIA) State Energy Data System (SEDS) produces state-level estimates of other energy indicators from external data sources for additional analysis, including:

- Capacity factors and usage factors
- Degree days (HDD and CDD)
- Electric net summer capacity
- Electric vehicle charging infrastructure
- Electric vehicle electricity consumption
- Electric vehicle stocks
- GDP (current-dollar and real)
- Population

Capacity factors and usage factors

Both capacity factors and usage factors measure the ratio of electrical energy produced by a generating unit for a given period of time to the electrical energy that could have been produced from continuous operation at net summer capacity during the same period. The difference between the two factors is that capacity factors measure electricity net generation, while usage factors measure electricity gross generation. Because energy storage applications such as hydroelectric pumped storage and battery storage generators often consume more electricity than they produce over the course of a month or year, gross generation is used to calculate usage factors for these technologies. All other technologies use net generation to calculate capacity factors.

A combination of efficiency, fuel cost dynamics, demand, and end-use application can drive differences in the capacity and usage factors of different generator types. For example, natural gas-fired combustion turbines typically have lower capacity factors than natural gas-fired combined cycle power systems, due largely to the higher efficiency of combined cycle power systems. Subbituminous and bituminous coal-fired power systems use generally the same technology and have variation in capacity factors due mostly to cost of the fuel. Conventional hydroelectric, solar, on-shore and off-shore wind facility capacity factors demonstrate seasonality and geographic variability due largely to resource availability. Generators at industrial sector facilities often have different capacity factors than those at electric sector facilities.

A small number of operating generators within a state can lead to volatile capacity factor values, including capacity factors that can exceed 100%. Plant operators determine their own net summer capacity for each generator using specific test conditions. Under environmental conditions that are less restrictive than capacity test conditions, generator output can exceed its tested capacity. If sustained, such operations can result in capacity factors over 100%. The State Energy Data System (SEDS) capacity factor and usage factor data are from utility-scale facilities (>1 megawatt nameplate capacity) for all sectors. The data are from the U.S. Energy Information Administration (EIA) surveys Form EIA-860 “Annual Electric Generator Report” and Form EIA-923 “Power Plant Operations Report.” Capacity factor data are for 2008 forward and usage factor data are for 2013 forward. Annual factors are based on a time-weighted average of monthly time-adjusted capacity. For plants that use multiple energy sources or technologies, capacity is assigned to the reported combination of predominant energy source and technology. See EIA’s *Electric Power Annual* technical notes for more details on each fuel category at https://www.eia.gov/electricity/annual/.

SEDS provides capacity and usage factor data for additional data analysis purposes. SEDS publishes capacity and usage factor estimates by state and for the United States. EIA’s *Monthly Energy Review* and *State Electricity Profiles* may incorporate more recent revisions to the data that are not in the SEDS estimates. SEDS incorporates historical revisions not included in EIA’s *Electric Power Annual*.

The SEDS variable names for individual fuel data, in percent units, are as follows (“ZZ” in the variable name represents the two-letter state code that differs for each state):

BMCASZZ = biomass generating units capacity factor;
BTCASZZ = battery storage generating units usage factor;
CLCASZZ = coal generating units capacity factor;
CYCASZZ = natural gas combined cycle generating units capacity factor;
GECASZZ = geothermal generating units capacity factor;

HPCASZZ = hydroelectric pumped storage generating units usage factor;
HVCASZZ = conventional hydroelectric generating units capacity factor;
NTCASZZ = natural gas turbine generating units capacity factor;
NUCASZZ = nuclear generating units capacity factor;
NYCASZZ = natural gas conventional steam generating units capacity factor;
PACASZZ = petroleum generating units capacity factor;
SHCASZZ = solar thermal generating units capacity factor;
SPCASZZ = solar photovoltaic generating units capacity factor; and
WYCASZZ = wind generating units capacity factor.

Data sources

Capacity factor data:

- 2008 forward: EIA, Form EIA-860 "Annual Electric Generator Report," https://www.eia.gov/electricity/data/eia860/, and Form EIA-923 "Power Plant Operations Report," https://www.eia.gov/electricity/data/eia923/.

Usage factor data:

- 2013 forward: EIA, Form EIA-860 "Annual Electric Generator Report," https://www.eia.gov/electricity/data/eia860/, and Form EIA-923 "Power Plant Operations Report," https://www.eia.gov/electricity/data/eia923/.

Degree days

Degree days are measures of how cold or warm a location is. A degree day compares the mean (the average of the high and low) outdoor temperatures recorded for a location compared to a standard 65° Fahrenheit (F) temperature. The more extreme the outside temperature, the higher the number of degree days. A high number of degree days generally results in higher levels of energy use for space heating or cooling.

Heating degree days (HDD) are a measure of how cold the temperature was on a given day or during a period of days. For example, a day with a mean temperature of 40°F has 25 HDD. Cooling degree days (CDD) are a measure of how hot the temperature was on a given day or during a period of days. A day with a mean temperature of 80°F has 15 CDD.

The National Oceanic and Atmospheric Administration (NOAA) provides temperature data by various geographies, including for individual weather stations, within-state climate divisions, states, Census regions, and the United States. At the state-level, for Alaska, the District of Columbia, and Hawaii, NOAA data sources vary by year. For 1960 through 1997, the Alaska, District of Columbia, and Hawaii data come from the National Climatic Data Center (NCDC) and for 1998 forward the data come from the Climate Prediction Center (CPC). For all other states, the data come from NCDC for all years. At the U.S.-level, SEDS uses data from EIA's *Monthly Energy Review* (MER), which publishes annual HDD and CDD data for the United States.

EIA's degree day data are population-weighted. For state-level data, NOAA uses within-state climate division populations as weights. For U.S.-level data, EIA's *Short-Term Energy Outlook* (STEO) applies annual state-level population weights from the U.S. Department of Commerce, Census Bureau. SEDS and the MER republish these STEO data. See the *Short-Term Energy Outlook Supplement: Change in Regional and U.S. Degree-Day Calculations* technical document for more information at https://www.eia.gov/outlooks/steo/special/pdf/2012_sp_04.pdf.

SEDS provides HDD and CDD data for additional data analysis purposes. SEDS also uses HDD data to estimate some of its energy consumption variables, such as residential wood for home heating. SEDS publishes annual HDD and CDD estimates by state and for the United States. STEO, MER, NOAA, and the U.S. Census Bureau may incorporate more recent revisions to the data that are not in the SEDS estimates.

Data sources

ZWCDPUS—Cooling degree days (CDD) for the United States.

- 1960 forward: EIA, *Monthly Energy Review*, Table 1.10. Using National Oceanic and Atmospheric Administration (NOAA) state-level CDD data, EIA calculates population-weighted U.S. degree day averages using state populations from the same year the degree days are measured. See methodology at https://www.eia.gov/forecasts/steo/special/pdf/2012_sp_04.pdf.

ZWCDPZZ—Cooling degree days (CDD) by state.

- 1960 through 1997: Alaska, District of Columbia, and Hawaii from the National Oceanic and Atmospheric Administration (NOAA) Climate Prediction Center (CPC) https://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/. All other states from NOAA National Climatic Data Center (NCDC) ftp://ftp.ncdc.noaa.gov/pub/data/cirs/climdiv/ (use Microsoft Edge "Internet Explorer mode").
- 1998 forward: all states from the National Oceanic and Atmospheric Administration (NOAA) National Climatic Data Center (NCDC) ftp://ftp.ncdc.noaa.gov/pub/data/cirs/climdiv/ (use Microsoft Edge "Internet Explorer mode").

ZWHDPUS—Heating degree days (HDD) for the United States.

- 1960 forward: EIA, *Monthly Energy Review*, Table 1.9. Using National Oceanic and Atmospheric Administration (NOAA) state-level HDD data, EIA calculates population-weighted U.S. degree day averages using state populations from the same year the degree days are measured. See methodology at https://www.eia.gov/forecasts/steo/special/pdf/2012_sp_04.pdf.

ZWHDPZZ—Heating degree days (HDD) by state.

- 1960 through 1997: Alaska, District of Columbia, and Hawaii from the National Oceanic and Atmospheric Administration (NOAA) Climate Prediction Center (CPC) https://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/. All other states from NOAA National Climatic Data Center (NCDC) ftp://ftp.ncdc.noaa.gov/pub/data/cirs/climdiv/ (use Microsoft Edge "Internet Explorer mode").
- 1998 forward: all states from the National Oceanic and Atmospheric Administration (NOAA) National Climatic Data Center (NCDC) ftp://ftp.ncdc.noaa.gov/pub/data/cirs/climdiv/ (use Microsoft Edge "Internet Explorer mode").

Electric net summer capacity

Net summer capacity measures the maximum level of electric power (electricity) that a power plant can supply to the grid during summer month peak demand (June 1 through September 30), as demonstrated by a multi-hour test. This output reflects a reduction in capacity due to electricity use for station service or auxiliaries, thermal limitations, or specific assumptions about fuel availability for intermittent resources.

Net summer capacity differs from nameplate capacity, which is determined by the generator's manufacturer, and net winter capacity because of temperature-related environmental factors. EIA reports electric generation capacity as net summer capacity in most of its electricity data reports because it represents a realistic capacity value for generators during the summer season, which is typically when the system peak demand occurs in the continental United States.

EIA's net summer capacity data are for utility-scale (>1 megawatt capacity) facilities only, and do not include small-scale (<1 megawatt capacity) generating systems such as residential rooftop solar. For plants that use multiple sources of energy for fuel, capacity is assigned to the energy source reported as the predominant one.

The SEDS net summer capacity data are a total for all sectors, including the electric power, commercial, and industrial sectors, and include any utility-scale combined-heat-and-power (CHP) units, as published in EIA's *State Electricity Profiles*. Each annual net summer capacity value is for the end of the year (December), in thousand kilowatts (equal to one megawatt). The "other" category for net summer capacity data includes chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, flywheels, and, beginning in 2001, non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels), which are not separately shown. See EIA's *State Electricity Profiles* and *Electric Power Annual* for more details on each fuel category.

SEDS provides net summer capacity data for additional data analysis purposes. SEDS publishes annual net summer capacity estimates by state and for the United States. EIA's *Monthly Energy Review* and *State Electricity Profiles* may incorporate more recent revisions to the data that are not in the SEDS estimates. SEDS incorporates historical revisions not included in EIA's *Electric Power Annual*.

The SEDS variable names for individual fuel data are as follows ("ZZ" in the variable name represents the two-letter state code that differs for each state):

BTGBPZZ = battery storage units net summer capacity in all sectors, in thousand kilowatts;
CLGBPZZ = coal generating units net summer capacity in all sectors, in thousand kilowatts;
GEGBPZZ = geothermal generating units net summer capacity in all sectors, in thousand kilowatts;
HPGBPZZ = hydroelectric pumped storage generating units net summer capacity in all sectors, in thousand kilowatts;
HVGBPZZ = conventional hydroelectric power generating units net summer capacity in all sectors, in thousand kilowatts;
NGGBPZZ = natural gas generating units net summer capacity in all sectors, in thousand kilowatts;
NUGBPZZ = nuclear generating units net summer capacity in all sectors, in thousand kilowatts;
OJGBPZZ = other gases generating units net summer capacity in all sectors, in thousand kilowatts;
OTGBPZZ = other generating units net summer capacity in all sectors, in thousand kilowatts;
PAGBPZZ = petroleum generating units net summer capacity in all sectors, in thousand kilowatts;
SOGBPZZ = solar generating units net summer capacity in all sectors, in thousand kilowatts;
WDGBPZZ = wood generating units net summer capacity in all sectors, in thousand kilowatts;
WSGBPZZ = waste generating units net summer capacity in all sectors, in thousand kilowatts; and
WYGBPZZ = wind generating units net summer capacity in all sectors, in thousand kilowatts.

The SEDS variable names for aggregate fuel data are as follows ("ZZ" in the variable name represents the two-letter state code that differs for each state):

FFGBPZZ = fossil fuel total generating units net summer capacity in all sectors, in thousand kilowatts;
REGBPZZ = renewable energy total generating units net summer capacity in all sectors, in thousand kilowatts; and
ELGBPZZ = total (all fuels) electric generating units net summer capacity in all sectors, in thousand kilowatts.

Data sources

State-level data:

- 2008 forward: U.S. Energy Information Administration, *State Electricity Profiles*, https://www.eia.gov/electricity/state/.

U.S.-level data:

- 2008 forward, U.S. Energy Information Administration, *Monthly Energy Review* data for December of each year, https://www.eia.gov/totalenergy/data/monthly/.

Electric vehicle charging infrastructure

An electric vehicle (EV) charges its battery pack by connecting to an electric power source (port). The EV charging infrastructure data published in the State Energy Data System (SEDS) are for non-single-family residential EV charging locations only. Depending on who owns and operates the non-residential charging infrastructure, they can be private access or available to the general public. Similar to gasoline fueling stations with multiple fuel pumps, non-residential EV charging locations usually have multiple charging ports. Each charging port may offer various types of connectors to accommodate different EV models.

There are three main types of EV charging—Level 1, Level 2, and DC fast charging. Level 1 chargers use a standard 120-volt AC (alternating current) outlet, and they usually take at least 20 hours to fully charge an EV depending on the model, battery, and other environmental conditions. Level 2 chargers use a 240-volt AC outlet and can fully charge an EV in about 5—6 hours. Most U.S. non-residential charging ports are Level 2 chargers located at gasoline stations, workplaces, restaurants, shopping centers, sporting facilities, and hotels. DC (direct current) fast chargers are the fastest chargers available and are typically located along interstates to increase the ability of EVs to travel long distances. Using a DC fast charger electric vehicles can reach 80% charged in 20 minutes to an hour.

Non-residential charging ports are either networked or non-networked. Networked ports are connected to the internet, can communicate with their EV service provider, and have dedicated web platforms that allow users to find chargers and pay to use them. Networked service providers manage who can access the station and the cost of charging. Non-networked ports are not connected to the internet and provide only basic charging capabilities. Some EV charging stations have both networked and non-networked ports at the same location.

The U.S. Energy Information Administration (EIA) receives administrative electric vehicle (EV) charging infrastructure data from the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy Alternative Fuels Data Center (AFDC). EIA received historical data back to 2015 from the National Renewable Energy Laboratory (NREL), which manages the AFDC, to fill in data before 2022. AFDC collects and publishes location-level charging infrastructure data that allows vehicle owners to find stations near them or along a route. AFDC receives regular, often daily, updates from many of the networked providers, and continuously updates the data on their webpage.

EIA aggregates, imputes, and cleans the AFDC data using the methods described in the *Monthly Energy Review* (MER) Appendix F. SEDS publishes annual data twice per year following the release of the May and October MERs to incorporate data revisions. For the most recent data available at EIA, see the monthly state data and detailed microdata files published in MER Appendix F.

The SEDS variable names for EV charging location data are as follows ("ZZ" in the variable name represents the two-letter state code that differs for each state):

EVPUPZZ = electric vehicle charging locations with public ports only;
EVPVPZZ = electric vehicle charging locations with private ports only;
EVPPPZZ = electric vehicle charging locations with both public and private ports;
EVNTPZZ = electric vehicle charging locations with networked ports only;
EVNOPZZ = electric vehicle charging locations with non-networked ports only;
EVNNPZZ = electric vehicle charging locations with both networked and non-networked ports; and
EVCHPZZ = total electric vehicle charging locations.

The SEDS variable names for EV ports data are as follows ("ZZ" in the variable name represents the two-letter state code that differs for each state):

EVDCNZZ = DC fast charging ports for electric vehicles;
EV2CNZZ = Level 2 charging ports for electric vehicles;
EV1CNZZ = Level 1 charging ports for electric vehicles;
EV0CNZZ = legacy charging ports for electric vehicles;
EVCHNZZ = total charging ports for electric vehicles;
EVDCRZZ = DC fast charging ports per location; and
EV2CRZZ = Level 2 charging ports per location.

EIA calculates the DC fast charging ports per electric vehicle charging location (EVDCR) as the total number of DC fast charging ports divided by the total number of locations with DC fast charging ports (available in the microdata file).

EIA calculates the Level 2 charging ports per location (EV2CR) as the total number of Level 2 charging ports divided by the total number of locations with Level 2 charging ports (available in the microdata file).

Data sources

EV1CN—Level 1 charging ports for electric vehicles.

- 2014: U.S. Department of Energy, Alternative Fuels Data Center (AFDC), https://afdc.energy.gov/stations/states?count=total&include_temporarily_unavailable=false&date=. Historical counts data https://afdc.energy.gov/files/docs/historical-station-counts.xlsx?year=2023.
- 2015 through 2021: National Renewable Energy Laboratory (NREL), which manages the Alternative Fuels Data Center (AFDC), aggregated, imputed, and cleaned by EIA: https://www.nrel.gov/
- 2022 forward: U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy Alternative Fuels Data Center (AFDC): https://afdc.energy.gov/
- See EIA's *Monthly Energy Review* Appendix F for data cleaning methodology: https://www.eia.gov/totalenergy/data/monthly/#appendices
- Latest available data from AFDC, updated daily: https://afdc.energy.gov/stations/#/find/nearest?fuel=ELEC&ev_levels=all
- Latest available data re-published by EIA, in *Monthly Energy Review*, Appendix F: https://www.eia.gov/totalenergy/data/monthly/#appendices
  - MER Appendix F, monthly state file: https://www.eia.gov/totalenergy/data/monthly/State_data_MER.xlsx
  - MER Appendix F, monthly microdata file: https://www.eia.gov/totalenergy/data/monthly/full_data_MER.zip

EV2CN—Level 2 charging ports for electric vehicles.

- 2014: U.S. Department of Energy, Alternative Fuels Data Center (AFDC), https://afdc.energy.gov/stations/states?count=total&include_temporarily_unavailable=false&date=. Historical counts data https://afdc.energy.gov/files/docs/historical-station-counts.xlsx?year=2023.
- 2015 through 2021: National Renewable Energy Laboratory (NREL), which manages the Alternative Fuels Data Center (AFDC), aggregated, imputed, and cleaned by EIA: https://www.nrel.gov/
- 2022 forward: U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy Alternative Fuels Data Center (AFDC): https://afdc.energy.gov/

- See EIA's *Monthly Energy Review* Appendix F for data cleaning methodology: https://www.eia.gov/totalenergy/data/monthly/#appendices
- Latest available data from AFDC, updated daily: https://afdc.energy.gov/stations/#/find/nearest?fuel=ELEC&ev_levels=all
- Latest available data re-published by EIA, in *Monthly Energy Review*, Appendix F: https://www.eia.gov/totalenergy/data/monthly/#appendices
  - MER Appendix F, monthly state file: https://www.eia.gov/totalenergy/data/monthly/State_data_MER.xlsx
  - MER Appendix F, monthly microdata file: https://www.eia.gov/totalenergy/data/monthly/full_data_MER.zip

EVCHN—Total charging ports for electric vehicles.

- 2011 through 2014: U.S. Department of Energy, Alternative Fuels Data Center (AFDC), https://afdc.energy.gov/stations/states?count=total&include_temporarily_unavailable=false&date=. Historical counts data of "Stations" (for 2011, 2012, and 2013) and "ports" for 2014 https://afdc.energy.gov/files/docs/historical-station-counts.xlsx?year=2023.
- 2015 through 2021: National Renewable Energy Laboratory (NREL), which manages the Alternative Fuels Data Center (AFDC), aggregated, imputed, and cleaned by EIA: https://www.nrel.gov/
- 2022 forward: U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy Alternative Fuels Data Center (AFDC): https://afdc.energy.gov/
- See EIA's *Monthly Energy Review* Appendix F for data cleaning methodology: https://www.eia.gov/totalenergy/data/monthly/#appendices
- Latest available data from AFDC, updated daily: https://afdc.energy.gov/stations/#/find/nearest?fuel=ELEC&ev_levels=all
- Latest available data re-published by EIA, in *Monthly Energy Review*, Appendix F: https://www.eia.gov/totalenergy/data/monthly/#appendices
  - MER Appendix F, monthly state file: https://www.eia.gov/totalenergy/data/monthly/State_data_MER.xlsx
  - MER Appendix F, monthly microdata file: https://www.eia.gov/totalenergy/data/monthly/full_data_MER.zip

EVCHP—Total electric vehicle charging locations.

- 2007 through 2010: Only U.S.-level data available, no state-level data available. From U.S. Department of Energy, Alternative Fuels Data Center (AFDC), https://afdc.energy.gov/stations/states?count=total&include_temporarily_unavailable=false&date=. Historical counts data of "Stations" https://afdc.energy.gov/files/docs/historical-station-counts.xlsx?year=2023.
- 2011 through 2013: Only U.S.-level data available, no state-level data available. U.S. Department of Energy, Alternative Fuels Data Center (AFDC), https://afdc.energy.gov/data/10964.
- 2014: Both U.S.-level and state-level data available. From U.S. Department of Energy, Alternative Fuels Data Center (AFDC), https://afdc.energy.gov/stations/states?count=total&include_temporarily_unavailable=false&date=. Historical counts data of "Stations" https://afdc.energy.gov/files/docs/historical-station-counts.xlsx?year=2023.
- 2015 through 2021: National Renewable Energy Laboratory (NREL), which manages the Alternative Fuels Data Center (AFDC), aggregated, imputed, and cleaned by EIA: https://www.nrel.gov/
- 2022 forward: U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy Alternative Fuels Data Center (AFDC): https://afdc.energy.gov/
- See EIA's *Monthly Energy Review* Appendix F for data cleaning methodology: https://www.eia.gov/totalenergy/data/monthly/#appendices
- Latest available data from AFDC, updated daily: https://afdc.energy.gov/stations/#/find/nearest?fuel=ELEC&ev_levels=all
- Latest available data re-published by EIA, in *Monthly Energy Review*, Appendix F: https://www.eia.gov/totalenergy/data/monthly/#appendices
  - MER Appendix F, monthly state file: https://www.eia.gov/totalenergy/data/monthly/State_data_MER.xlsx
  - MER Appendix F, monthly microdata file: https://www.eia.gov/totalenergy/data/monthly/full_data_MER.zip

EVDCN—DC fast charging ports for electric vehicles.

- 2014: U.S. Department of Energy, Alternative Fuels Data Center (AFDC), https://afdc.energy.gov/stations/states?count=total&include_temporarily_unavailable=false&date=.

Historical counts data https://afdc.energy.gov/files/docs/historical-station-counts.xlsx?year=2023.

- 2015 through 2021: National Renewable Energy Laboratory (NREL), which manages the Alternative Fuels Data Center (AFDC), aggregated, imputed, and cleaned by EIA: https://www.nrel.gov/
- 2022 forward: U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy Alternative Fuels Data Center (AFDC): https://afdc.energy.gov/
- See EIA's *Monthly Energy Review* Appendix F for data cleaning methodology: https://www.eia.gov/totalenergy/data/monthly/#appendices
- Latest available data from AFDC, updated daily: https://afdc.energy.gov/stations/#/find/nearest?fuel=ELEC&ev_levels=all
- Latest available data re-published by EIA, in *Monthly Energy Review*, Appendix F: https://www.eia.gov/totalenergy/data/monthly/#appendices
  - MER Appendix F, monthly state file: https://www.eia.gov/totalenergy/data/monthly/State_data_MER.xlsx
  - MER Appendix F, monthly microdata file: https://www.eia.gov/totalenergy/data/monthly/full_data_MER.zip

All other EV charging infrastructure data:

- 2015 through 2021: National Renewable Energy Laboratory (NREL), which manages the Alternative Fuels Data Center (AFDC), aggregated, imputed, and cleaned by EIA: https://www.nrel.gov/
- 2022 forward: U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy Alternative Fuels Data Center (AFDC): https://afdc.energy.gov/
- See EIA's *Monthly Energy Review* Appendix F for data cleaning methodology: https://www.eia.gov/totalenergy/data/monthly/#appendices
- Latest available data from AFDC, updated daily: https://afdc.energy.gov/stations/#/find/nearest?fuel=ELEC&ev_levels=all
- Latest available data re-published by EIA, in *Monthly Energy Review*, Appendix F: https://www.eia.gov/totalenergy/data/monthly/#appendices
  - MER Appendix F, monthly state file: https://www.eia.gov/totalenergy/data/monthly/State_data_MER.xlsx
  - MER Appendix F, monthly microdata file: https://www.eia.gov/totalenergy/data/monthly/full_data_MER.zip

Electric vehicle electricity consumption

The U.S. Energy Information Administration (EIA) *Electric Power Monthly* (EPM) estimates experimental electric vehicle (EV) electricity consumption used to operate and move on-road light-duty EVs (less than or equal to 8,500 pounds). These experimental estimates are based on models and subject to model error. Electric utilities do not separate light-duty EV electricity sales from other electricity sales. Instead, electric utilities account for electricity consumption by light-duty EVs based on the location of where the vehicle charges and report EV electricity sales as part of total electricity sales to ultimate customers in the residential, commercial, and industrial sectors (also called end-use electricity consumption in SEDS, see Section 6, "Electricity" at https://www.eia.gov/state/seds/seds-technical-notes-complete.php). EIA does not estimate EV electricity sales by sector.

The State Energy Data System (SEDS) publishes state-level electricity consumption estimates for two kinds of on-road light-duty EVs: *battery electric vehicles* (BEVs) and *plug-in hybrid electric vehicles* (PHEVs). The data exclude PHEV motor gasoline consumption, on-road medium- and heavy-duty EVs, and off-road EVs such as golf carts and forklifts. SEDS uses unpublished state-level EPM data directly, which are estimated based on the number of EVs, average number of miles driven, fuel economy, and other assumptions. For more information, see the EPM technical documentation at https://www.eia.gov/electricity/monthly/pdf/technotes-appendix-d.pdf.

The SEDS variable names for EV electricity consumption data are as follows ("ZZ" in the variable name represents the two-letter state code that differs for each state):

BTVHPZZ	=	electricity consumed for battery electric vehicle (BEV) use, in million kilowatthours;
PHVHPZZ	=	electricity consumed for plug-in hybrid electric vehicle (PHEV) use, in million kilowatthours; and
ESVHPZZ	=	electricity consumed for electric vehicle (EV) use, in million kilowatthours.

EIA calculates total EV light-duty electricity consumption by state as the sum of BEVs and PHEVs:

ESVHPZZ = BTVHPZZ + PHVHPZZ

The U.S.-level data are the sum of the states:

BTVHPUS = ΣBTVHPZZ
PHVHPUS = ΣPHVHPZZ
ESVHPUS = ΣESVHPZZ

Data sources

- 2018 forward: Unpublished state-level data from the U.S. Energy Information Administration, *Electric Power Monthly*, Appendix D, https://www.eia.gov/electricity/monthly/.

Electric vehicle stocks

Electric vehicles (EVs) are vehicles that use an electric motor to move the vehicle. An on-board battery pack powers the electric motor. There are two kinds of EVs: *battery electric vehicles* (BEVs) and *plug-in hybrid electric vehicles* (PHEVs). BEVs use stored electrical energy in a battery pack to fully operate and move the vehicle. PHEVs can use either an electric motor powered by an on-board battery pack or an internal combustion engine that uses fuel stored in on-board tanks to operate and move the vehicle. The internal combustion engine can use gasoline, diesel, natural gas, propane, or biofuels, however, PHEVs available in the United States use gasoline.

The U.S. Energy Information Administration (EIA) receives U.S.-level data for the number of registered light-duty vehicles (stocks) from S&P Global Mobility Vehicles in Operation, as of calendar year end figures. All of the vehicle stocks data in the State Energy Data System (SEDS) are for light-duty vehicles only. EIA defines light-duty vehicles as on-road cars and light-trucks that are less than equal to 8,500 pounds in weight. EIA received data for 2016 and 2018 forward. EIA estimated data for 2017 via interpolation.

To estimate the states, SEDS uses annual vehicle registration counts data from the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy Alternative Fuels Data Center (AFDC) as state-level allocators applied to the U.S.-level S&P Global stocks data. SEDS uses AFDC's "Electric (EV)" category to allocate BEVs and AFDC's "Plug-In Hybrid Electric (PHEV)" category to allocate PHEVs. SEDS sums all of the AFDC fuel types by state and applies those shares to the S&P Global U.S.-level total stocks for all light-duty vehicles to estimate total (all fuels) light-duty vehicles by state.

The SEDS variable names for EV stocks data are as follows ("ZZ" in the variable name represents the two-letter state code that differs for each state):

BTVHNZZ = battery electric vehicle (BEV) light-duty stocks, in thousands of registered vehicles;
PHVHNZZ = plug-in hybrid electric vehicle (PHEV) light-duty stocks, in thousands of registered vehicles;
ELVHNZZ = total electric vehicle (EV) light-duty stocks, in thousands of registered vehicles;
LDVHNZZ = total (all fuels) vehicle light-duty stocks, in thousands of registered vehicles; and
ELVHSZZ = electric vehicle (EV) share of total light-duty vehicles, percent.

EIA calculates total EV light-duty stocks as the sum of BEVs and PHEVs:

ELVHNZZ = BTVHNZZ + PHVHNZZ

EIA calculates the EV percent share of all light-duty vehicle stocks as total EVs divided by all light-duty vehicles:

ELVHSZZ = ELVHNZZ / LDVHNZZ * 100

Data sources

U.S.-level data:

- 2016 forward: S&P Global Mobility Vehicles in Operation, as of calendar year end figures https://www.spglobal.com/mobility/en/products/polk-automotive-solutions.html. Data for 2017 are estimates interpolated by EIA, as re-published in EIA's *Monthly Energy Review* Table 1.9 https://www.eia.gov/totalenergy/data/monthly/.

State-level data:

- 2016 forward: U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy Alternative Fuels Data Center (AFDC), vehicle registration counts by state https://afdc.energy.gov/vehicle-registration.

Gross domestic product (GDP)

Current-dollar GDP

Current-dollar gross domestic product (GDP) data are not adjusted for inflation. The current-dollar GDP data used in the U.S. Energy Information Administration (EIA) State Energy Data System (SEDS) to calculate total energy expenditures as a percent of current-dollar GDP (TEGDS) are in Tables TN8.1 and TN8.2. The GDP data are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA), current-dollar GDP estimates by state, for 1997 forward.

BEA publishes both the national-level and state-level current-dollar GDP data in the "Regional Economic Accounts" dataset. However, there is a difference in the coverage between the two series. The difference between the sum of the states GDP and the U.S-level GDP reflects federal military and civilian activity located overseas. For details, see BEA's Regional Economic Accounts: Methodologies, https://www.bea.gov/regional/methods.cfm.

Additional note

BEA reports current-dollar GDP for 1997 forward based on the North American Industry Classification System (NAICS) and current-dollar GDP. Before 1997, the data are based on the Standard Industrial Classification (SIC). Through the 2012 data cycle, SEDS published current-dollar GDP by state from 1970 forward. In 2014, BEA completed a comprehensive revision of the state GDP and only revised the data for 1997 forward. Because of the incompatibility between the two sets of data, SEDS removed the state GDP data before 1997. In May 2024, BEA completed another comprehensive revision for all GDP data for 1997 forward and SEDS incorporated the new data during the 2022 SEDS data cycle.

Data sources

GDPRVZZ — Current-dollar gross domestic product by state and the United States, in millions of dollars.

- 1997 forward: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Accounts, https://apps.bea.gov/itable/iTable.cfm?ReqID=70&step=1, select Annual Gross Domestic Product by State, GDP in current dollars (SAGDP2), NAICS (1997-forward), All Areas, and All industry total.

Real GDP

Real gross domestic product (GDP) data are adjusted for inflation. The real GDP data used in the U.S. Energy Information Administration (EIA) State Energy Data System (SEDS) to calculate total energy consumption per dollar of real GDP (TETGR) are in Tables TN8.3 and TN8.4. The data are from the U.S. Department of Commerce, Bureau of Economic Analysis (BEA), real GDP estimates by state, beginning in 1997.

BEA publishes both the national-level and state-level real GDP data in the "Regional Economic Accounts" dataset. However, there is a difference in the coverage between the two series. The difference between the sum of the states GDP and the U.S-level GDP reflects federal military and civilian activity located overseas. For details, see BEA's Regional Economic Accounts: Methodologies, https://www.bea.gov/regional/methods.cfm.

Additional note

For 1997 forward, BEA reports real GDP using the North American Industry Classification System (NAICS). Before 1997, BEA reports real GDP using the Standard Industrial Classification (SIC). Through the 2012 data cycle, SEDS published real GDP by state for 1977 forward. In 2014, BEA completed a comprehensive revision of the state GDP and only revised the data for 1997 forward. Because of the incompatibility between the two sets of data, SEDS removed state GDP data before 1997. In May 2024, BEA completed another comprehensive revision for all GDP data for 1997 forward, including changing from 2012 chained dollars to 2017 chained dollars, and SEDS incorporated the new data during the 2022 SEDS data cycle.

Data sources

GDPRXZZ — Real gross domestic product by state and the United States in million chained (2017) dollars.

- 1997 forward: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Accounts, https://apps.bea.gov/itable/iTable.cfm?ReqID=70&step=1, select Annual Gross Domestic Product by State, Gross Domestic Product (GDP) summary (SAGDP1), All Areas, and Real GDP (millions of chained 2017 dollars).

Table TN8.1. Current-dollar gross domestic product by state, 1997-2007 (billion dollars)

State	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Alabama	105.4	110.8	116.5	120.5	123.5	128.4	135.2	148.4	158.7	166.0	172.2
Alaska	25.9	24.4	24.9	26.9	28.7	29.9	32.1	35.4	40.5	45.0	49.5
Arizona	132.7	144.4	156.4	165.7	172.9	180.8	194.3	207.2	228.0	246.1	261.2
Arkansas	59.9	62.9	67.3	69.2	71.1	74.5	79.0	85.9	91.1	96.1	98.3
California	1,068.0	1,143.7	1,239.8	1,354.8	1,373.3	1,419.3	1,498.6	1,585.1	1,698.9	1,812.2	1,900.2
Colorado	136.6	149.7	162.4	179.3	185.8	189.6	195.1	203.7	220.8	232.9	248.6
Connecticut	138.5	145.3	152.1	165.5	171.1	172.9	177.8	194.7	204.5	219.8	232.6
Delaware	33.3	37.2	40.4	43.6	46.4	45.9	47.8	51.7	52.0	55.6	56.7
District of Columbia	52.6	54.9	58.9	61.3	65.6	70.1	74.0	80.6	85.4	88.4	94.0
Florida	401.7	428.6	457.6	490.1	519.1	553.4	590.3	647.0	704.9	749.9	781.9
Georgia	242.4	265.1	289.0	305.3	316.9	326.0	339.5	364.5	388.7	405.7	419.4
Hawaii	37.7	37.5	39.0	41.1	42.5	44.9	48.4	52.6	57.2	60.8	64.1
Idaho	29.7	31.4	34.5	38.3	37.7	39.0	40.8	44.7	48.8	51.1	53.7
Illinois	416.0	436.5	460.0	486.1	499.6	511.5	528.6	560.1	589.2	624.1	649.3
Indiana	170.9	185.3	193.7	204.1	205.3	213.4	225.3	239.3	247.4	259.0	273.3
Iowa	82.8	84.6	87.8	93.1	94.9	98.7	105.3	117.1	122.9	127.7	137.6
Kansas	74.6	78.2	81.6	86.0	88.9	91.4	95.2	98.9	105.3	113.8	123.6
Kentucky	104.9	110.0	115.6	114.5	117.8	122.7	128.3	135.7	144.9	153.0	156.9
Louisiana	116.4	120.2	125.7	132.4	138.2	140.1	155.2	171.0	199.3	207.2	203.8
Maine	30.6	32.4	34.7	37.2	38.9	40.7	42.5	45.2	47.0	48.9	50.3
Maryland	159.2	169.4	179.8	191.4	205.3	217.0	226.8	243.4	261.8	273.8	282.6
Massachusetts	236.4	247.7	262.9	287.1	294.9	299.9	309.7	324.9	340.6	358.4	378.0
Michigan	299.8	311.1	337.2	351.9	349.1	363.4	376.1	388.8	402.8	402.5	410.6
Minnesota	157.3	167.9	176.8	192.4	196.9	204.1	216.0	231.9	244.6	252.4	261.3
Mississippi	58.5	61.3	64.3	66.1	67.8	69.7	74.4	78.7	83.0	87.6	91.9
Missouri	163.1	170.1	178.2	187.0	190.4	197.4	206.0	217.0	227.6	235.8	244.1
Montana	19.3	20.4	20.8	21.9	22.8	23.9	25.8	28.1	30.8	33.1	36.1
Nebraska	49.9	51.8	53.7	56.6	59.6	61.6	66.5	70.4	74.9	79.3	84.3
Nevada	60.3	65.3	71.8	77.2	81.0	85.5	91.4	104.1	117.2	126.6	132.0
New Hampshire	38.1	40.7	42.3	45.6	47.0	49.1	51.6	54.5	56.9	60.2	62.0
New Jersey	307.1	318.1	335.0	360.5	372.8	385.0	400.0	415.5	436.1	457.7	474.5
New Mexico	52.6	50.6	52.8	55.0	55.7	57.7	62.9	70.6	74.1	78.0	81.1
New York	716.1	745.0	794.0	839.9	876.3	885.4	908.5	958.6	1,009.9	1,072.3	1,116.3
North Carolina	234.6	246.7	264.9	277.6	287.3	297.7	310.2	329.0	354.8	388.0	402.2
North Dakota	15.8	16.8	17.1	18.1	19.0	20.2	22.1	23.2	24.6	26.4	29.0
Ohio	343.5	361.5	375.8	391.0	395.9	411.2	425.5	447.8	470.2	482.9	497.6
Oklahoma	79.3	81.8	84.8	91.6	97.5	99.9	106.2	114.2	126.0	138.4	146.6
Oregon	101.4	105.0	107.5	117.1	117.0	120.6	126.8	136.5	143.6	153.8	159.7
Pennsylvania	357.5	373.5	391.1	409.3	428.5	440.9	460.5	486.4	510.8	528.8	563.2
Rhode Island	29.0	30.8	32.3	34.6	35.9	37.9	39.8	42.6	44.4	47.2	47.5
South Carolina	97.5	103.7	110.3	115.3	119.4	124.8	131.5	136.7	145.2	153.5	162.5
South Dakota	19.1	20.3	21.2	22.9	23.6	26.3	27.3	29.4	31.1	32.6	35.3
Tennessee	154.9	167.8	176.5	182.2	185.9	195.4	204.7	219.9	231.3	243.1	248.3
Texas	610.7	648.2	683.3	742.2	780.2	796.4	840.9	921.2	1,003.7	1,108.2	1,198.6
Utah	57.8	62.1	65.8	70.1	73.0	76.3	79.5	86.8	95.5	106.8	115.2
Vermont	15.4	16.2	17.3	18.5	19.5	20.4	21.4	23.0	23.8	24.5	25.0
Virginia	215.4	232.6	250.2	268.6	285.7	294.9	311.1	331.8	357.4	376.4	391.6
Washington	193.8	209.2	229.7	237.6	238.0	245.6	254.7	267.4	293.4	314.2	341.7
West Virginia	38.8	40.3	41.9	42.6	44.1	45.6	47.2	49.9	53.8	57.2	59.5
Wisconsin	153.5	163.0	172.9	180.9	188.7	195.5	203.8	216.4	226.9	237.6	245.8
Wyoming	14.7	14.8	15.7	17.2	18.7	19.2	21.2	23.4	27.5	32.7	36.9
United States	8,577.6	9,062.8	9,631.2	10,251.0	10,581.9	10,929.1	11,456.4	12,217.2	13,039.2	13,815.6	14,474.2

Where shown, R = Revised data.
Data source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Accounts.

Table TN8.2. Current-dollar gross domestic product by state, 2008-2023 (billion dollars)

State	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Alabama	177.5	182.9	188.3	194.0	197.1	203.1	208.8	216.6	226.3	R 234.8	R 235.3	R 260.0	R 284.9	304.9
Alaska	53.7	56.9	58.3	57.5	56.6	51.6	51.1	53.6	54.8	54.5	51.3	R 58.9	R 66.3	68.1
Arizona	250.5	261.7	272.7	278.7	286.7	298.9	313.8	333.1	353.7	R 375.4	R 389.0	R 436.8	R 484.1	522.8
Arkansas	101.7	105.7	108.8	114.0	117.4	118.6	121.0	123.9	129.2	132.6	R 136.2	R 154.1	R 168.6	178.6
California	1,938.6	2,014.1	2,108.9	2,223.3	2,342.2	2,487.2	2,586.5	2,740.6	2,899.5	R 3,068.6	R 3,076.8	R 3,424.0	R 3,660.4	3,870.4
Colorado	256.8	266.1	274.7	291.3	309.2	320.9	330.6	350.2	373.9	R 397.8	R 396.7	R 445.8	R 494.7	529.6
Connecticut	234.0	233.1	239.9	240.5	247.1	260.6	264.8	273.9	280.5	R 286.5	R 278.0	R 296.8	R 321.7	345.9
Delaware	58.1	61.4	62.3	62.1	68.6	72.4	70.0	69.6	73.4	78.7	R 77.5	R 83.1	R 92.6	98.1
District of Columbia	106.1	110.0	112.5	114.8	120.0	124.8	129.9	134.3	141.2	R 145.1	R 146.7	R 156.5	R 165.8	176.5
Florida	753.0	761.0	784.5	819.7	860.1	918.5	964.5	1,014.9	1,072.1	R 1,133.7	R 1,142.0	R 1,298.6	R 1,465.3	1,600.8
Georgia	419.0	433.1	449.4	467.6	493.4	525.5	554.9	583.5	612.8	R 646.7	R 640.2	R 705.5	R 779.7	831.8
Hawaii	66.7	68.8	71.6	74.6	77.0	81.4	84.3	87.4	90.9	R 93.2	R 84.9	R 93.4	R 103.2	110.3
Idaho	56.1	57.4	57.9	61.7	64.5	66.1	69.2	72.9	79.1	R 84.4	R 88.1	R 99.8	R 112.3	121.0
Illinois	663.9	691.8	725.5	742.9	772.3	802.6	813.6	832.8	871.0	R 895.6	860.7	R 946.8	R 1,040.4	1,098.3
Indiana	284.7	292.4	301.3	313.5	329.4	333.2	342.7	357.5	377.4	R 384.8	R 378.6	R 425.9	R 473.5	499.5
Iowa	142.5	149.0	158.6	162.4	173.7	181.5	183.8	187.1	193.2	R 196.3	R 198.6	R 223.9	R 242.8	254.0
Kansas	129.2	136.7	141.8	145.0	150.3	155.7	162.1	166.3	173.4	R 176.1	R 177.2	R 191.7	R 212.6	228.2
Kentucky	166.7	171.2	178.4	184.9	188.3	194.6	197.9	203.6	210.5	220.7	R 218.5	R 238.4	R 261.5	279.7
Louisiana	226.6	230.5	236.0	231.7	241.0	234.3	227.4	239.8	256.4	R 257.5	R 236.2	R 267.3	R 298.4	315.0
Maine	52.8	53.1	54.0	54.9	56.5	58.8	61.1	63.0	66.2	R 69.7	72.1	R 79.2	R 86.5	93.3
Maryland	313.9	324.9	331.9	339.9	351.7	367.3	386.5	399.7	410.8	419.4	R 413.5	R 447.8	R 484.9	515.6
Massachusetts	409.3	423.7	441.4	452.6	469.8	497.8	514.1	530.1	559.6	R 588.1	R 592.7	R 649.5	R 695.6	736.3
Michigan	393.2	408.4	426.1	441.5	456.1	479.2	494.8	505.1	525.2	R 540.2	R 529.7	R 575.1	R 627.0	673.8
Minnesota	274.6	287.1	298.6	311.8	324.7	336.8	345.2	354.7	372.4	R 384.9	R 378.7	R 416.5	R 455.0	483.2
Mississippi	94.8	96.8	100.9	103.0	105.2	106.6	107.8	110.3	113.2	R 116.1	R 116.7	R 129.9	R 142.8	151.1
Missouri	262.0	263.3	272.5	282.7	289.3	299.6	304.1	311.3	320.5	R 334.8	335.3	R 366.4	R 400.3	430.1
Montana	38.1	40.6	42.2	43.6	45.2	46.5	45.9	48.5	51.2	R 52.7	R 53.0	R 60.4	R 68.7	73.3
Nebraska	91.9	100.5	102.9	107.2	112.8	117.4	119.4	123.2	128.0	R 132.8	R 135.1	R 150.8	R 167.5	181.3
Nevada	125.1	128.6	130.2	133.6	136.9	145.8	153.3	163.2	172.5	R 184.6	R 176.3	R 201.7	R 227.3	246.0
New Hampshire	65.3	66.6	68.4	70.9	73.5	77.4	79.8	81.2	83.9	R 87.9	R 88.5	99.1	R 106.5	114.1
New Jersey	491.2	494.3	516.1	534.2	543.8	565.8	578.7	590.1	619.3	R 643.3	R 631.6	R 695.4	R 758.3	806.7
New Mexico	84.9	87.1	87.7	88.8	92.5	90.8	90.5	93.2	98.8	R 103.8	R 100.7	R 113.0	R 128.1	135.0
New York	1,217.7	1,245.8	1,324.5	1,364.6	1,434.6	1,498.5	1,556.8	1,624.8	1,710.7	R 1,787.5	R 1,773.4	R 1,923.4	R 2,052.8	2,172.0
North Carolina	422.3	430.0	444.1	460.9	482.3	508.7	528.3	546.8	568.0	R 592.4	R 600.7	R 662.1	R 728.5	788.1
North Dakota	35.7	41.6	52.1	54.9	61.1	57.0	52.7	56.5	60.4	R 60.9	R 55.6	R 63.8	R 73.8	76.0
Ohio	500.3	525.5	543.0	566.4	597.2	615.3	627.3	652.2	672.5	R 702.9	R 692.7	R 763.6	R 832.7	884.8
Oklahoma	155.3	167.2	175.4	184.1	197.1	187.4	182.2	192.5	204.2	R 206.0	R 192.5	R 217.8	R 246.0	256.7
Oregon	163.2	169.7	173.9	179.0	187.8	200.6	211.8	225.5	238.5	R 248.8	R 251.6	R 275.7	R 298.8	318.9
Pennsylvania	604.6	623.8	646.4	670.8	695.5	716.5	733.2	754.3	780.6	R 802.2	R 777.0	844.4	R 919.7	976.4
Rhode Island	49.4	50.1	51.5	53.0	54.6	56.6	57.7	58.8	60.1	R 62.8	62.1	67.2	R 72.9	77.6
South Carolina	166.8	172.8	178.5	186.3	195.7	207.5	217.6	224.9	236.6	R 249.6	R 249.4	R 272.4	R 301.9	327.4
South Dakota	38.2	42.1	44.1	45.5	47.2	48.7	49.8	51.6	53.3	R 55.2	R 56.3	R 63.0	R 69.1	74.0
Tennessee	258.7	270.1	285.9	296.8	307.4	326.4	339.4	355.4	369.7	385.8	R 391.6	R 442.0	R 488.7	523.0
Texas	1,255.7	1,351.8	1,429.6	1,526.8	1,592.2	1,586.0	1,583.0	1,667.3	1,808.0	R 1,864.9	R 1,802.1	R 2,089.0	R 2,436.9	2,583.9
Utah	118.3	125.1	129.4	135.3	142.6	149.8	159.3	172.1	186.8	201.3	R 205.6	R 232.6	R 261.1	281.3
Vermont	27.5	28.6	29.3	29.5	30.4	31.2	31.8	32.6	33.5	R 34.8	R 34.4	R 37.4	R 41.0	43.5
Virginia	425.5	433.7	445.0	456.9	465.6	485.5	499.0	515.2	537.2	R 561.7	R 565.5	R 616.0	R 666.7	719.9
Washington	363.5	377.5	398.4	416.9	439.9	467.6	489.8	527.2	570.3	R 608.6	R 620.1	R 687.7	R 742.9	807.9
West Virginia	66.2	69.4	70.3	71.8	73.0	71.7	71.2	75.2	79.8	R 80.2	R 77.4	R 86.6	R 98.3	102.2
Wisconsin	256.2	265.4	276.3	283.8	296.2	308.3	315.4	321.9	335.1	R 346.9	R 343.3	R 368.9	R 400.6	428.4
Wyoming	37.6	39.6	38.7	39.4	40.6	38.6	36.1	37.6	39.6	40.0	36.7	R 42.3	R 49.8	52.0
United States	15,049.0	15,599.7	16,254.0	16,880.7	17,608.1	18,295.0	18,804.9	19,612.1	20,656.5	R 21,540.0	R 21,354.1	R 23,681.2	R 26,006.9	27,720.7

Where shown, R = Revised data.
Data source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Accounts.

Table TN8.3. Real gross domestic product by state, 1997-2007 (billion chained (2017) dollars)

State	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Alabama	154.7	160.4	166.5	168.7	168.4	172.4	178.0	189.9	197.2	199.9	202.0
Alaska	41.1	40.3	39.8	38.4	40.0	41.9	41.2	42.9	44.4	47.5	50.1
Arizona	180.3	197.5	214.3	224.7	230.9	238.3	253.7	265.0	283.8	296.4	306.6
Arkansas	87.2	89.9	94.8	95.5	95.5	98.6	102.9	108.6	112.5	114.9	114.0
California	1,441.2	1,538.6	1,655.4	1,784.3	1,784.6	1,821.5	1,895.3	1,956.7	2,042.1	2,120.4	2,168.9
Colorado	189.4	206.4	221.0	238.7	242.7	243.7	246.0	250.1	262.0	268.2	278.7
Connecticut	206.0	212.3	218.9	233.9	236.3	234.3	236.7	252.7	258.2	269.5	278.5
Delaware	51.3	56.5	60.9	63.4	65.7	63.7	64.3	67.7	66.4	68.4	68.1
District of Columbia	86.5	88.1	92.1	92.8	96.2	99.0	101.0	106.5	108.9	108.8	112.3
Florida	604.0	634.0	664.2	693.8	714.6	746.3	781.8	833.9	883.2	909.3	922.3
Georgia	351.2	377.7	404.5	417.7	422.7	427.3	439.1	461.2	480.8	487.5	492.2
Hawaii	60.6	58.9	59.6	60.7	60.4	62.4	65.6	69.3	72.9	74.9	76.4
Idaho	38.8	40.9	44.8	49.8	48.7	49.8	51.5	55.1	59.3	60.7	61.8
Illinois	619.3	639.6	663.9	687.1	688.4	692.4	703.5	726.1	741.2	759.8	769.6
Indiana	244.8	260.5	268.9	279.0	273.9	280.7	293.0	303.8	306.3	312.5	322.7
Iowa	120.2	121.0	123.7	129.3	128.1	131.0	137.5	149.1	153.6	155.7	162.8
Kansas	108.8	112.6	115.5	118.8	119.5	121.1	123.5	124.8	129.6	136.1	143.6
Kentucky	155.8	160.8	165.8	161.1	161.3	165.4	170.5	175.3	182.0	186.3	185.8
Louisiana	202.4	209.4	213.5	206.6	210.5	214.9	223.6	234.6	249.6	247.1	234.2
Maine	46.3	48.1	50.6	53.0	54.1	55.4	56.9	58.9	59.6	60.0	60.0
Maryland	237.6	248.7	258.9	269.3	281.1	290.4	297.7	311.5	325.6	329.9	331.8
Massachusetts	322.4	335.5	353.8	382.6	388.2	388.5	397.1	407.9	417.1	426.9	440.4
Michigan	423.5	431.3	457.6	467.7	453.3	465.8	477.1	485.1	493.8	483.8	482.9
Minnesota	225.5	237.7	247.0	263.3	263.5	269.0	280.8	293.8	301.8	302.3	304.2
Mississippi	88.4	91.0	93.6	94.0	93.5	94.6	98.8	101.4	103.7	105.9	107.7
Missouri	243.7	249.2	256.3	262.7	260.4	265.0	272.0	279.1	285.3	286.6	288.3
Montana	30.1	31.5	31.6	32.5	32.7	33.7	35.2	36.9	38.8	40.1	42.1
Nebraska	74.0	75.8	77.4	80.3	82.3	83.4	88.3	90.6	94.6	97.3	99.8
Nevada	97.2	102.8	110.1	114.8	116.3	120.2	125.9	139.4	150.7	156.3	157.7
New Hampshire	51.0	55.0	56.9	60.7	61.7	63.5	66.1	68.4	69.6	71.4	71.9
New Jersey	454.1	461.2	477.8	503.9	509.6	517.8	529.8	536.2	546.4	555.2	560.8
New Mexico	68.0	67.7	71.4	72.7	73.0	75.3	78.8	85.8	86.3	88.6	89.4
New York	1,085.9	1,112.3	1,172.1	1,217.0	1,240.8	1,228.6	1,236.6	1,269.4	1,301.4	1,339.6	1,353.8
North Carolina	340.6	352.0	372.0	384.1	387.4	393.7	404.6	420.6	442.3	470.7	477.9
North Dakota	22.7	24.0	24.1	25.0	25.3	26.6	28.3	28.6	29.6	30.9	32.5
Ohio	501.2	518.6	530.7	541.0	534.6	546.7	557.0	572.3	584.9	582.6	585.4
Oklahoma	111.9	114.9	117.0	121.2	125.7	127.9	130.1	134.6	140.4	149.4	152.9
Oregon	124.8	130.4	133.8	145.1	144.5	147.4	154.4	163.0	168.7	177.2	180.7
Pennsylvania	521.7	534.9	552.2	566.3	577.7	583.5	598.8	615.0	626.3	626.6	649.6
Rhode Island	43.4	45.4	46.8	49.1	49.7	51.3	52.9	55.2	55.9	57.4	56.2
South Carolina	145.0	150.7	157.6	161.9	162.8	167.3	174.3	177.2	183.3	187.4	193.4
South Dakota	27.1	28.8	30.0	32.1	32.4	35.8	36.1	37.6	39.3	40.0	41.6
Tennessee	226.8	241.0	248.5	251.0	250.3	258.5	267.6	281.6	289.1	295.7	294.8
Texas	860.0	920.1	957.2	989.9	1,020.5	1,042.6	1,052.1	1,111.2	1,143.4	1,225.1	1,288.8
Utah	86.3	91.3	95.2	98.6	100.2	102.8	104.8	111.3	118.4	127.5	133.8
Vermont	21.4	22.3	23.6	24.8	25.7	26.5	27.5	29.0	29.3	29.4	29.3
Virginia	320.0	338.9	356.4	372.9	386.4	390.2	404.5	421.7	442.1	451.3	457.6
Washington	281.5	299.8	322.7	325.9	317.9	322.0	327.6	335.4	358.4	372.1	394.2
West Virginia	60.4	61.7	63.7	63.4	63.6	64.5	65.1	66.1	67.9	68.9	69.4
Wisconsin	223.0	232.1	242.0	248.6	252.9	258.0	265.7	275.4	282.1	287.1	289.9
Wyoming	24.3	24.8	25.9	26.6	28.3	28.9	29.8	30.8	32.5	36.7	39.5
United States	12,370.3	12,924.9	13,543.8	14,096.0	14,230.7	14,472.7	14,877.3	15,449.8	15,988.0	16,433.1	16,762.4

Where shown, R = Revised data.
Data source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Accounts.

Table TN8.4. Real gross domestic product by state, 2008-2023 (billion chained (2017) dollars)

State	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Alabama	201.0	194.2	199.5	201.4	203.7	207.0	206.1	209.0	212.9	216.6	220.8	R225.3	R222.3	R233.7	R238.6	245.4
Alaska	49.9	55.0	53.7	54.0	57.1	54.6	53.3	53.7	53.5	53.6	52.5	R52.4	50.3	R51.5	R50.8	54.1
Arizona	302.3	277.4	282.3	290.4	297.1	298.9	301.7	308.6	319.0	333.1	346.4	359.6	R365.0	R395.0	R410.2	422.4
Arkansas	113.6	109.8	113.0	115.2	116.6	119.8	121.4	121.5	123.0	123.9	126.4	127.2	R128.3	R137.5	R139.6	142.9
California	2,192.3	2,110.7	2,153.9	2,192.9	2,255.4	2,340.3	2,428.7	2,546.0	2,623.7	2,740.6	2,851.0	R2,969.6	R2,933.3	R3,154.2	R3,184.0	3,248.7
Colorado	281.8	275.7	279.4	284.0	289.3	301.5	315.4	330.5	337.7	350.2	365.2	R383.7	R380.2	R406.5	R418.8	437.1
Connecticut	277.8	265.5	266.8	261.6	263.6	258.9	260.6	268.9	268.2	273.9	274.6	R275.2	R260.8	R269.8	R279.0	286.6
Delaware	65.8	69.2	68.3	71.1	70.6	68.7	74.0	76.2	71.9	69.6	70.9	74.6	R72.5	R74.7	R77.1	78.0
District of Columbia	116.2	115.6	120.4	122.6	123.6	124.1	126.9	129.1	132.2	134.3	138.1	138.9	R137.6	R143.1	R144.6	146.0
Florida	891.8	840.5	852.0	849.4	857.9	880.2	905.6	945.9	979.0	1,014.9	1,050.4	R1,084.9	R1,069.8	R1,170.5	R1,239.9	1,292.8
Georgia	481.9	464.0	471.6	481.2	489.0	499.9	517.5	540.1	561.7	583.5	600.9	R620.7	R604.7	R643.0	R665.7	678.2
Hawaii	76.8	74.1	76.1	77.2	78.7	80.5	81.3	83.9	85.7	87.4	88.8	88.9	R79.8	R84.4	R86.9	88.6
Idaho	63.9	61.3	62.6	62.7	62.0	64.8	66.8	67.8	70.4	72.9	77.7	R81.1	R82.7	R89.0	R92.9	95.9
Illinois	759.1	740.8	755.4	772.2	790.7	795.4	811.5	825.4	826.4	832.8	851.5	858.0	810.2	R855.9	R876.5	885.7
Indiana	322.4	299.8	320.7	321.5	323.9	333.2	343.8	341.2	348.4	357.5	368.8	R370.5	R359.8	R387.1	R399.3	404.3
Iowa	160.5	156.7	161.6	164.6	170.9	171.1	180.3	186.0	186.7	187.1	189.2	R188.5	R186.3	R201.1	R201.6	202.1
Kansas	147.3	141.9	143.9	147.8	150.1	150.7	154.1	158.6	164.6	166.3	169.8	R169.6	R168.1	172.8	R177.5	183.8
Kentucky	186.5	178.1	186.7	188.4	192.1	196.7	196.8	199.5	201.0	203.6	205.9	R211.8	R206.0	R215.1	R219.8	224.4
Louisiana	237.1	241.9	253.5	241.2	242.4	236.5	243.0	239.6	235.6	239.8	245.2	R246.7	R229.0	R237.8	R236.9	248.6
Maine	59.8	58.8	60.0	59.4	59.2	59.0	59.6	60.6	62.0	63.0	64.8	R66.8	67.4	R71.1	R73.0	75.2
Maryland	338.2	336.3	352.6	360.2	361.6	364.6	370.3	378.7	392.0	399.7	402.5	R402.5	R388.8	R407.0	R416.4	422.9
Massachusetts	447.5	441.3	462.3	472.7	483.3	487.0	496.3	514.4	521.7	530.1	549.3	R566.3	R559.8	R595.9	R608.1	615.5
Michigan	455.3	416.3	441.3	454.0	463.3	472.8	479.5	490.6	500.2	505.1	516.8	R521.1	R501.9	R530.4	R543.7	554.3
Minnesota	309.3	296.9	308.1	315.2	321.1	329.8	338.6	345.5	350.6	354.7	364.8	R369.6	R357.5	R377.9	R384.7	390.9
Mississippi	109.4	105.4	106.7	106.5	108.6	109.0	109.3	109.4	109.9	110.3	110.2	R111.2	R110.3	R115.7	R116.6	119.5
Missouri	297.9	289.6	296.0	293.0	296.5	302.0	303.6	308.0	308.4	311.3	314.2	R321.3	315.3	R331.6	R339.7	348.5
Montana	42.0	40.9	42.5	43.5	44.3	45.1	46.2	47.8	47.2	48.5	49.5	50.3	R50.0	R53.3	R55.2	57.4
Nebraska	99.9	100.0	103.9	109.7	109.7	111.4	115.7	119.6	121.3	123.2	125.5	R127.6	R126.7	R134.9	R139.4	145.0
Nevada	152.7	140.3	142.6	144.3	143.0	144.5	145.3	151.1	156.0	163.2	168.6	R176.0	R166.1	R182.5	R190.5	195.4
New Hampshire	71.2	70.5	73.0	73.5	74.1	75.5	76.8	79.3	80.7	81.2	82.3	R84.4	83.2	89.9	R91.4	93.5
New Jersey	573.2	546.4	554.8	548.5	560.7	571.0	570.7	581.4	587.0	590.1	606.9	R618.7	R597.2	R632.5	R650.2	663.9
New Mexico	89.0	90.8	90.7	90.6	90.8	90.1	92.6	93.5	93.0	93.2	96.1	R100.3	R97.6	R100.9	R103.3	110.3
New York	1,328.1	1,379.5	1,431.6	1,440.3	1,496.3	1,501.8	1,535.4	1,565.8	1,590.6	1,624.8	1,665.2	R1,704.4	R1,656.8	R1,736.2	R1,765.1	1,791.2
North Carolina	492.7	473.6	482.0	484.2	488.1	497.5	509.8	525.2	536.3	546.8	556.6	R568.0	R564.5	R600.2	R619.5	638.1
North Dakota	35.0	36.0	38.7	43.3	53.3	54.7	60.2	58.7	54.8	56.5	58.5	R59.4	R55.9	R56.4	R56.0	60.3
Ohio	580.4	551.0	563.8	580.3	586.5	603.1	625.0	633.3	638.2	652.2	656.2	674.1	R655.2	R690.5	R695.3	709.8
Oklahoma	159.0	156.9	158.1	163.9	172.0	176.1	186.6	193.8	190.1	192.5	196.0	R200.1	R191.6	R194.1	R193.9	207.9
Oregon	184.8	177.0	180.7	186.0	187.4	189.6	195.8	205.6	214.8	225.5	234.3	R239.8	R237.4	R250.3	R256.1	262.0
Pennsylvania	665.1	645.2	666.8	676.5	689.0	704.2	718.7	734.1	744.8	754.3	763.9	R771.9	R736.4	R765.5	R779.4	799.2
Rhode Island	55.0	54.5	56.1	56.0	56.5	57.0	57.6	58.4	58.6	58.8	58.7	R60.2	58.2	60.8	R62.3	63.3
South Carolina	192.5	184.1	188.8	193.2	195.4	200.1	206.1	213.2	220.6	224.9	231.7	R239.0	233.7	R245.8	R254.5	262.3
South Dakota	43.3	44.3	44.8	47.6	48.7	48.6	49.6	50.9	51.3	51.6	51.9	R52.5	R52.8	R55.5	R55.3	57.3
Tennessee	298.5	287.3	292.7	301.5	311.8	318.3	323.9	335.5	343.5	355.4	362.4	R370.2	R367.9	R400.2	R414.5	422.1
Texas	1,287.2	1,285.6	1,323.1	1,370.2	1,438.4	1,511.8	1,559.6	1,634.1	1,633.9	1,667.3	1,746.5	R1,806.7	R1,773.7	R1,879.1	R1,952.7	2,097.1
Utah	133.7	131.0	133.7	138.3	140.6	145.0	150.1	155.4	162.5	172.1	182.1	R192.8	194.8	R210.4	R217.4	225.5
Vermont	30.2	29.6	30.9	31.7	31.9	31.5	31.8	32.0	32.3	32.6	32.8	R33.3	32.3	R33.7	R34.8	35.2
Virginia	462.0	460.1	475.7	479.6	483.0	488.7	488.9	498.9	505.1	515.2	527.8	R541.0	R534.5	R565.5	R580.5	597.6
Washington	401.1	390.8	403.5	411.6	426.4	439.5	456.2	476.7	495.7	527.2	561.8	R588.8	R589.2	R630.1	R644.1	677.2
West Virginia	71.0	70.9	71.8	73.2	73.1	73.9	74.1	74.3	73.5	75.2	77.4	R77.2	R74.6	R75.8	R77.2	80.8
Wisconsin	286.2	277.3	287.7	293.7	299.0	301.6	309.4	315.7	319.3	321.9	328.8	R333.3	R322.5	334.5	R339.7	344.6
Wyoming	41.6	40.6	39.1	38.9	38.1	38.4	39.3	40.1	37.9	37.6	38.0	38.6	36.2	R37.1	R37.8	40.2
United States	16,781.5	16,349.1	16,789.8	17,052.4	17,442.8	17,812.2	18,261.7	18,799.6	19,141.7	19,612.1	20,193.9	R20,715.7	R20,267.6	R21,494.8	R22,034.8	22,671.1

Where shown, R = Revised data.
Data source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Accounts.

Resident population

The population data used in the U.S. Energy Information Administration (EIA) State Energy Data System (SEDS) to calculate per capita consumption are in Tables TN8.5 through TN8.10. The data are the U.S. Department of Commerce, Census Bureau, resident population estimates by state. The reference date for the estimates is July 1 of each year.

Before 1980, the sum of the state estimates may not match the U.S. estimates. The U.S. Census Bureau may incorporate more recent revisions to the U.S. estimates that are not in the SEDS state estimates.

Data sources

TPOPPUS — Resident population estimates of the United States.

- 1960 through 2009: U.S. Department of Commerce, Census Bureau, National Intercensal Tables, https://www.census.gov/programs-surveys/popest/data/tables.All.html.
- 2010 forward: U.S. Department of Commerce, Census Bureau, National Population Totals, https://www.census.gov/programs-surveys/popest/data/tables.All.html.

TPOPPZZ — Resident population estimates by state.

- 1960 through 2009: U.S. Department of Commerce, Census Bureau, State Intercensal Tables, https://www.census.gov/programs-surveys/popest/data/tables.All.html.
- 2010 forward: U.S. Department of Commerce, Census Bureau, State Population Totals, https://www.census.gov/programs-surveys/popest/data/tables.All.html.

Table TN8.5. Resident population estimates by state, 1960-1969 (thousand people)

State	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Alabama	3,274	3,316	3,323	3,358	3,395	3,443	3,464	3,458	3,446	3,440
Alaska	229	238	246	256	263	271	271	278	285	296
Arizona	1,321	1,407	1,471	1,521	1,556	1,584	1,614	1,646	1,682	1,737
Arkansas	1,789	1,806	1,853	1,875	1,897	1,894	1,899	1,901	1,902	1,913
California	15,870	16,497	17,072	17,668	18,151	18,585	18,858	19,176	19,394	19,711
Colorado	1,769	1,844	1,899	1,936	1,970	1,985	2,007	2,053	2,120	2,166
Connecticut	2,544	2,586	2,647	2,727	2,798	2,857	2,903	2,935	2,964	3,000
Delaware	449	461	469	483	497	507	516	525	534	540
District of Columbia	765	778	788	798	798	797	791	791	778	762
Florida	5,004	5,243	5,458	5,628	5,781	5,954	6,104	6,242	6,433	6,641
Georgia	3,956	4,015	4,086	4,172	4,258	4,332	4,379	4,408	4,482	4,551
Hawaii	642	659	684	682	700	704	710	723	734	750
Idaho	671	684	692	683	680	686	689	688	695	707
Illinois	10,086	10,130	10,280	10,402	10,580	10,693	10,836	10,947	10,995	11,039
Indiana	4,674	4,730	4,736	4,799	4,856	4,922	4,999	5,053	5,093	5,143
Iowa	2,756	2,756	2,750	2,747	2,746	2,742	2,762	2,793	2,803	2,805
Kansas	2,183	2,215	2,231	2,217	2,209	2,206	2,200	2,197	2,216	2,236
Kentucky	3,041	3,054	3,079	3,096	3,129	3,140	3,147	3,172	3,195	3,198
Louisiana	3,260	3,287	3,345	3,377	3,446	3,496	3,550	3,581	3,603	3,619
Maine	975	995	994	993	993	997	999	1,004	994	992
Maryland	3,113	3,176	3,263	3,386	3,492	3,600	3,695	3,757	3,815	3,868
Massachusetts	5,160	5,219	5,263	5,344	5,448	5,502	5,535	5,594	5,618	5,650
Michigan	7,834	7,893	7,933	8,058	8,187	8,357	8,512	8,630	8,696	8,781
Minnesota	3,425	3,470	3,513	3,531	3,558	3,592	3,617	3,659	3,703	3,758
Mississippi	2,182	2,206	2,243	2,244	2,241	2,246	2,245	2,228	2,219	2,220
Missouri	4,326	4,349	4,357	4,392	4,442	4,467	4,523	4,539	4,568	4,640
Montana	679	696	698	703	706	706	707	701	700	694
Nebraska	1,417	1,446	1,464	1,476	1,482	1,471	1,456	1,457	1,467	1,474
Nevada	291	315	352	397	426	444	446	449	464	480
New Hampshire	609	618	632	649	663	676	681	697	709	724
New Jersey	6,103	6,265	6,376	6,531	6,660	6,767	6,851	6,928	7,005	7,095
New Mexico	954	965	979	989	1,006	1,012	1,007	1,000	994	1,011
New York	16,838	17,061	17,301	17,461	17,589	17,734	17,843	17,935	18,051	18,105
North Carolina	4,573	4,663	4,707	4,742	4,802	4,863	4,896	4,952	5,004	5,031
North Dakota	634	641	637	644	649	649	647	626	621	621
Ohio	9,734	9,854	9,929	9,986	10,080	10,201	10,330	10,414	10,516	10,563
Oklahoma	2,336	2,380	2,427	2,439	2,446	2,440	2,454	2,489	2,503	2,535
Oregon	1,772	1,787	1,818	1,853	1,888	1,937	1,969	1,979	2,004	2,062
Pennsylvania	11,329	11,392	11,355	11,424	11,519	11,620	11,664	11,681	11,741	11,741
Rhode Island	855	858	871	876	885	893	899	909	922	932
South Carolina	2,392	2,409	2,423	2,460	2,475	2,494	2,520	2,533	2,559	2,570
South Dakota	683	693	705	708	701	692	683	671	669	668
Tennessee	3,575	3,622	3,673	3,718	3,771	3,798	3,822	3,859	3,878	3,897
Texas	9,624	9,820	10,053	10,159	10,270	10,378	10,492	10,599	10,819	11,045
Utah	900	936	958	974	978	991	1,009	1,019	1,029	1,047
Vermont	389	390	393	397	399	404	413	423	430	437
Virginia	3,986	4,095	4,180	4,276	4,357	4,411	4,456	4,508	4,558	4,614
Washington	2,855	2,882	2,942	2,955	2,961	2,967	3,057	3,174	3,270	3,343
West Virginia	1,853	1,828	1,809	1,796	1,797	1,786	1,775	1,769	1,763	1,746
Wisconsin	3,962	4,009	4,049	4,112	4,165	4,232	4,274	4,303	4,345	4,378
Wyoming	331	337	333	336	339	332	323	322	324	329
United States	180,671	183,691	186,538	189,242	191,889	194,303	196,560	198,712	200,706	202,677

Where shown, R = Revised data.
Data source: U.S. Department of Commerce, Census Bureau.

Table TN8.6. Resident population estimates by state, 1970-1979 (thousand people)

State	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Alabama	3,451	3,497	3,539	3,580	3,626	3,679	3,735	3,780	3,832	3,866
Alaska	304	316	324	331	341	376	401	403	405	403
Arizona	1,792	1,896	2,008	2,124	2,223	2,285	2,346	2,425	2,515	2,636
Arkansas	1,932	1,972	2,019	2,059	2,101	2,160	2,170	2,209	2,243	2,271
California	20,007	20,346	20,585	20,869	21,174	21,538	21,936	22,352	22,836	23,257
Colorado	2,223	2,304	2,405	2,496	2,541	2,586	2,632	2,696	2,767	2,849
Connecticut	3,041	3,061	3,069	3,068	3,074	3,082	3,083	3,086	3,092	3,096
Delaware	551	565	573	578	581	587	590	592	595	595
District of Columbia	756	750	742	731	718	707	692	677	665	650
Florida	6,848	7,158	7,511	7,914	8,299	8,518	8,667	8,856	9,102	9,426
Georgia	4,607	4,712	4,809	4,910	4,999	5,064	5,133	5,220	5,296	5,401
Hawaii	774	802	828	852	868	886	904	918	932	953
Idaho	718	739	763	782	808	832	857	883	911	933
Illinois	11,128	11,202	11,252	11,251	11,262	11,292	11,343	11,386	11,413	11,397
Indiana	5,202	5,253	5,302	5,338	5,362	5,366	5,389	5,426	5,470	5,501
Iowa	2,832	2,852	2,860	2,864	2,868	2,881	2,903	2,914	2,918	2,916
Kansas	2,249	2,247	2,256	2,266	2,269	2,281	2,301	2,321	2,336	2,351
Kentucky	3,231	3,298	3,336	3,371	3,416	3,468	3,529	3,574	3,610	3,642
Louisiana	3,652	3,710	3,762	3,788	3,820	3,886	3,951	4,014	4,069	4,138
Maine	997	1,015	1,034	1,046	1,059	1,072	1,088	1,104	1,114	1,123
Maryland	3,938	4,018	4,073	4,098	4,119	4,139	4,151	4,170	4,184	4,191
Massachusetts	5,706	5,738	5,760	5,781	5,774	5,758	5,744	5,738	5,736	5,738
Michigan	8,890	8,974	9,029	9,078	9,118	9,118	9,129	9,171	9,218	9,266
Minnesota	3,815	3,853	3,870	3,889	3,904	3,933	3,965	3,989	4,015	4,050
Mississippi	2,220	2,265	2,307	2,350	2,378	2,399	2,430	2,459	2,488	2,507
Missouri	4,688	4,726	4,759	4,783	4,796	4,808	4,839	4,863	4,889	4,912
Montana	698	711	719	727	736	748	757	770	782	787
Nebraska	1,488	1,505	1,519	1,530	1,539	1,543	1,551	1,557	1,564	1,567
Nevada	493	520	547	569	597	620	647	678	719	765
New Hampshire	742	762	781	801	816	829	845	870	892	909
New Jersey	7,193	7,281	7,335	7,333	7,332	7,338	7,340	7,337	7,351	7,367
New Mexico	1,023	1,054	1,079	1,106	1,131	1,160	1,189	1,216	1,238	1,285
New York	18,268	18,358	18,339	18,177	18,050	18,003	17,941	17,813	17,681	17,584
North Carolina	5,098	5,204	5,301	5,390	5,471	5,547	5,608	5,686	5,759	5,823
North Dakota	620	627	631	633	635	639	646	650	651	653
Ohio	10,664	10,735	10,747	10,767	10,766	10,770	10,753	10,771	10,796	10,798
Oklahoma	2,567	2,619	2,659	2,696	2,735	2,775	2,827	2,870	2,917	2,975
Oregon	2,101	2,151	2,197	2,242	2,285	2,330	2,378	2,447	2,518	2,588
Pennsylvania	11,813	11,886	11,908	11,891	11,871	11,906	11,897	11,894	11,879	11,888
Rhode Island	951	963	975	976	951	943	946	950	952	950
South Carolina	2,597	2,662	2,719	2,777	2,845	2,902	2,944	2,992	3,044	3,090
South Dakota	668	671	677	679	680	681	686	688	689	688
Tennessee	3,937	4,014	4,095	4,147	4,214	4,276	4,347	4,423	4,486	4,560
Texas	11,236	11,510	11,759	12,020	12,269	12,569	12,904	13,193	13,500	13,888
Utah	1,066	1,101	1,135	1,170	1,200	1,236	1,275	1,320	1,368	1,420
Vermont	446	454	463	468	473	480	485	492	498	505
Virginia	4,659	4,751	4,824	4,901	4,971	5,047	5,122	5,193	5,270	5,308
Washington	3,413	3,448	3,448	3,479	3,550	3,621	3,694	3,776	3,889	4,018
West Virginia	1,751	1,771	1,798	1,806	1,815	1,842	1,880	1,908	1,923	1,942
Wisconsin	4,429	4,462	4,502	4,524	4,546	4,579	4,596	4,627	4,646	4,683
Wyoming	334	340	347	354	366	382	397	413	433	454
United States	205,052	207,661	209,896	211,909	213,854	215,973	218,035	220,239	222,585	225,055

Where shown, R = Revised data.
Data source: U.S. Department of Commerce, Census Bureau.

Table TN8.7. Resident population estimates by state, 1980-1989 (thousand people)

State	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Alabama	3,900	3,919	3,925	3,934	3,952	3,973	3,992	4,015	4,024	4,030
Alaska	405	418	450	488	514	532	544	539	542	547
Arizona	2,738	2,810	2,890	2,969	3,067	3,184	3,308	3,437	3,535	3,622
Arkansas	2,289	2,293	2,294	2,306	2,320	2,327	2,332	2,342	2,343	2,346
California	23,801	24,286	24,820	25,360	25,844	26,441	27,102	27,777	28,464	29,218
Colorado	2,909	2,978	3,062	3,134	3,170	3,209	3,237	3,260	3,262	3,276
Connecticut	3,113	3,129	3,139	3,162	3,180	3,201	3,224	3,247	3,272	3,283
Delaware	595	596	599	605	612	618	628	637	648	658
District of Columbia	638	637	634	632	633	635	638	637	630	624
Florida	9,840	10,193	10,471	10,750	11,040	11,351	11,668	11,997	12,306	12,638
Georgia	5,486	5,568	5,650	5,728	5,835	5,963	6,085	6,208	6,316	6,411
Hawaii	968	978	994	1,013	1,028	1,040	1,052	1,068	1,080	1,095
Idaho	948	962	974	982	991	994	990	985	986	994
Illinois	11,435	11,443	11,423	11,409	11,412	11,400	11,387	11,391	11,390	11,410
Indiana	5,491	5,480	5,468	5,450	5,458	5,459	5,454	5,473	5,492	5,524
Iowa	2,914	2,908	2,888	2,871	2,859	2,830	2,792	2,767	2,768	2,771
Kansas	2,369	2,385	2,401	2,416	2,424	2,427	2,433	2,445	2,462	2,473
Kentucky	3,664	3,670	3,683	3,694	3,695	3,695	3,688	3,683	3,680	3,677
Louisiana	4,223	4,283	4,353	4,395	4,400	4,408	4,407	4,344	4,289	4,253
Maine	1,127	1,133	1,137	1,145	1,156	1,163	1,170	1,185	1,204	1,220
Maryland	4,228	4,262	4,283	4,313	4,365	4,413	4,487	4,566	4,658	4,727
Massachusetts	5,746	5,769	5,771	5,799	5,841	5,881	5,903	5,935	5,980	6,015
Michigan	9,256	9,209	9,115	9,048	9,049	9,076	9,128	9,187	9,218	9,253
Minnesota	4,085	4,112	4,131	4,141	4,158	4,184	4,205	4,235	4,296	4,338
Mississippi	2,525	2,539	2,557	2,568	2,578	2,588	2,594	2,589	2,580	2,574
Missouri	4,922	4,932	4,929	4,944	4,975	5,000	5,023	5,057	5,082	5,096
Montana	789	795	804	814	821	822	814	805	800	800
Nebraska	1,572	1,579	1,582	1,584	1,589	1,585	1,574	1,567	1,571	1,575
Nevada	810	848	882	902	925	951	981	1,023	1,075	1,137
New Hampshire	924	937	948	958	977	997	1,025	1,054	1,083	1,105
New Jersey	7,376	7,407	7,431	7,468	7,515	7,566	7,622	7,671	7,712	7,726
New Mexico	1,309	1,333	1,364	1,394	1,417	1,438	1,463	1,479	1,490	1,504
New York	17,567	17,568	17,590	17,687	17,746	17,792	17,833	17,869	17,941	17,983
North Carolina	5,899	5,957	6,019	6,077	6,164	6,254	6,322	6,404	6,481	6,565
North Dakota	654	660	669	677	680	677	670	661	655	646
Ohio	10,801	10,788	10,757	10,738	10,738	10,735	10,730	10,760	10,799	10,829
Oklahoma	3,041	3,096	3,206	3,290	3,286	3,271	3,253	3,210	3,167	3,150
Oregon	2,641	2,668	2,665	2,653	2,667	2,673	2,684	2,701	2,741	2,791
Pennsylvania	11,868	11,859	11,845	11,838	11,815	11,771	11,783	11,811	11,846	11,866
Rhode Island	949	953	954	956	962	969	977	990	996	1,001
South Carolina	3,135	3,179	3,208	3,234	3,272	3,303	3,343	3,381	3,412	3,457
South Dakota	691	690	691	693	697	698	696	696	698	697
Tennessee	4,600	4,628	4,646	4,660	4,687	4,715	4,739	4,783	4,822	4,854
Texas	14,338	14,746	15,331	15,752	16,007	16,273	16,561	16,622	16,667	16,807
Utah	1,473	1,515	1,558	1,595	1,622	1,643	1,663	1,678	1,689	1,706
Vermont	513	516	519	523	527	530	534	540	550	558
Virginia	5,368	5,444	5,493	5,565	5,644	5,715	5,812	5,932	6,037	6,120
Washington	4,155	4,236	4,277	4,300	4,344	4,400	4,453	4,532	4,640	4,746
West Virginia	1,951	1,954	1,950	1,945	1,928	1,907	1,882	1,858	1,830	1,807
Wisconsin	4,712	4,726	4,729	4,721	4,736	4,748	4,756	4,778	4,822	4,857
Wyoming	474	492	506	510	505	500	496	477	465	458
United States	227,225	229,466	231,664	233,792	235,825	237,924	240,133	242,289	244,499	246,819

Where shown, R = Revised data.
Data source: U.S. Department of Commerce, Census Bureau.

Table TN8.8. Resident population estimates by state, 1990-1999 (thousand people)

State	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Alabama	4,050	4,099	4,154	4,214	4,260	4,297	4,331	4,368	4,405	4,430
Alaska	553	570	589	599	603	604	609	613	620	625
Arizona	3,684	3,789	3,916	4,065	4,245	4,432	4,587	4,737	4,883	5,024
Arkansas	2,357	2,383	2,416	2,456	2,494	2,535	2,572	2,601	2,626	2,652
California	29,960	30,471	30,975	31,275	31,484	31,697	32,019	32,486	32,988	33,499
Colorado	3,308	3,387	3,496	3,614	3,724	3,827	3,920	4,018	4,117	4,226
Connecticut	3,292	3,303	3,301	3,309	3,316	3,324	3,337	3,349	3,365	3,386
Delaware	670	683	695	706	718	730	741	751	763	775
District of Columbia	605	601	598	595	589	581	572	568	565	570
Florida	13,033	13,370	13,651	13,927	14,239	14,538	14,853	15,186	15,487	15,759
Georgia	6,513	6,653	6,817	6,978	7,157	7,328	7,501	7,685	7,864	8,046
Hawaii	1,113	1,137	1,159	1,173	1,188	1,197	1,204	1,212	1,215	1,210
Idaho	1,012	1,041	1,072	1,109	1,145	1,177	1,203	1,229	1,252	1,276
Illinois	11,453	11,569	11,694	11,810	11,913	12,008	12,102	12,186	12,272	12,359
Indiana	5,558	5,616	5,675	5,739	5,794	5,851	5,906	5,955	5,999	6,045
Iowa	2,781	2,798	2,818	2,837	2,851	2,867	2,880	2,891	2,903	2,918
Kansas	2,481	2,499	2,532	2,557	2,581	2,601	2,615	2,635	2,661	2,678
Kentucky	3,694	3,722	3,765	3,812	3,849	3,887	3,920	3,953	3,985	4,018
Louisiana	4,222	4,253	4,293	4,316	4,347	4,379	4,399	4,421	4,440	4,461
Maine	1,232	1,237	1,239	1,242	1,243	1,243	1,249	1,255	1,259	1,267
Maryland	4,800	4,868	4,923	4,972	5,023	5,070	5,112	5,157	5,204	5,255
Massachusetts	6,023	6,018	6,029	6,061	6,095	6,141	6,180	6,226	6,272	6,317
Michigan	9,311	9,400	9,479	9,540	9,598	9,676	9,759	9,809	9,848	9,897
Minnesota	4,390	4,441	4,496	4,556	4,610	4,660	4,713	4,763	4,813	4,873
Mississippi	2,579	2,599	2,624	2,655	2,689	2,723	2,748	2,777	2,805	2,828
Missouri	5,129	5,171	5,217	5,271	5,324	5,378	5,432	5,481	5,522	5,562
Montana	800	810	826	845	861	877	886	890	892	898
Nebraska	1,582	1,596	1,612	1,626	1,639	1,657	1,674	1,686	1,696	1,705
Nevada	1,221	1,296	1,351	1,411	1,499	1,582	1,666	1,764	1,853	1,935
New Hampshire	1,112	1,110	1,118	1,129	1,143	1,158	1,175	1,189	1,206	1,222
New Jersey	7,763	7,815	7,881	7,949	8,014	8,083	8,150	8,219	8,287	8,360
New Mexico	1,522	1,555	1,595	1,636	1,682	1,720	1,752	1,775	1,793	1,808
New York	18,021	18,123	18,247	18,375	18,459	18,524	18,588	18,657	18,756	18,883
North Carolina	6,664	6,784	6,897	7,043	7,187	7,345	7,501	7,657	7,809	7,949
North Dakota	638	636	638	641	645	648	650	650	648	644
Ohio	10,864	10,946	11,029	11,101	11,152	11,203	11,243	11,277	11,312	11,335
Oklahoma	3,149	3,175	3,221	3,252	3,281	3,308	3,340	3,373	3,405	3,437
Oregon	2,860	2,929	2,992	3,060	3,121	3,184	3,247	3,304	3,352	3,394
Pennsylvania	11,903	11,982	12,049	12,120	12,166	12,198	12,220	12,228	12,246	12,264
Rhode Island	1,006	1,011	1,013	1,015	1,016	1,017	1,021	1,025	1,031	1,040
South Carolina	3,501	3,570	3,620	3,663	3,705	3,749	3,796	3,860	3,919	3,975
South Dakota	697	704	713	722	731	738	742	744	746	750
Tennessee	4,894	4,967	5,050	5,138	5,231	5,327	5,417	5,499	5,570	5,639
Texas	17,057	17,398	17,760	18,162	18,564	18,959	19,340	19,740	20,158	20,558
Utah	1,731	1,780	1,837	1,898	1,960	2,014	2,068	2,120	2,166	2,203
Vermont	565	569	573	578	584	589	594	597	600	605
Virginia	6,217	6,301	6,414	6,510	6,593	6,671	6,751	6,829	6,901	7,000
Washington	4,903	5,026	5,161	5,279	5,375	5,481	5,570	5,675	5,770	5,843
West Virginia	1,793	1,799	1,806	1,818	1,820	1,824	1,823	1,819	1,816	1,812
Wisconsin	4,905	4,964	5,025	5,085	5,134	5,185	5,230	5,266	5,298	5,333
Wyoming	454	459	466	473	480	485	488	489	491	492
United States	249,623	252,981	256,514	259,919	263,126	266,278	269,394	272,647	275,854	279,040

Where shown, R = Revised data.
Data source: U.S. Department of Commerce, Census Bureau.

Table TN8.9. Resident population estimates by state, 2000-2009 (thousand people)

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Alabama	4,452	4,468	4,480	4,503	4,531	4,570	4,629	4,673	4,718	4,758
Alaska	628	634	642	648	659	667	675	680	687	699
Arizona	5,161	5,273	5,396	5,510	5,652	5,839	6,029	6,168	6,280	6,343
Arkansas	2,679	2,692	2,706	2,725	2,750	2,781	2,822	2,849	2,875	2,897
California	33,988	34,479	34,872	35,253	35,575	35,828	36,021	36,250	36,604	36,961
Colorado	4,327	4,426	4,490	4,529	4,575	4,632	4,720	4,804	4,890	4,972
Connecticut	3,412	3,433	3,459	3,484	3,496	3,507	3,517	3,527	3,546	3,562
Delaware	786	796	806	818	831	845	859	872	884	892
District of Columbia	572	575	573	569	568	567	571	574	580	592
Florida	16,048	16,357	16,689	17,004	17,415	17,842	18,167	18,368	18,527	18,653
Georgia	8,227	8,377	8,508	8,623	8,769	8,926	9,156	9,350	9,505	9,621
Hawaii	1,214	1,226	1,240	1,251	1,274	1,293	1,310	1,316	1,332	1,347
Idaho	1,299	1,320	1,340	1,363	1,392	1,428	1,469	1,505	1,534	1,554
Illinois	12,434	12,488	12,526	12,556	12,590	12,610	12,644	12,696	12,747	12,797
Indiana	6,092	6,128	6,156	6,197	6,233	6,279	6,333	6,380	6,425	6,459
Iowa	2,929	2,932	2,934	2,942	2,954	2,964	2,983	2,999	3,017	3,033
Kansas	2,694	2,702	2,714	2,723	2,734	2,745	2,763	2,784	2,808	2,833
Kentucky	4,049	4,068	4,090	4,117	4,146	4,183	4,219	4,257	4,290	4,317
Louisiana	4,472	4,478	4,497	4,521	4,552	4,577	4,303	4,376	4,436	4,492
Maine	1,277	1,286	1,296	1,307	1,314	1,319	1,324	1,327	1,331	1,330
Maryland	5,311	5,375	5,440	5,496	5,547	5,592	5,627	5,653	5,685	5,730
Massachusetts	6,361	6,398	6,417	6,423	6,412	6,403	6,410	6,432	6,469	6,518
Michigan	9,952	9,991	10,016	10,041	10,055	10,051	10,036	10,001	9,947	9,902
Minnesota	4,934	4,983	5,019	5,054	5,088	5,120	5,164	5,207	5,247	5,281
Mississippi	2,848	2,853	2,859	2,868	2,889	2,906	2,905	2,928	2,948	2,959
Missouri	5,607	5,641	5,675	5,709	5,748	5,790	5,843	5,888	5,924	5,961
Montana	904	907	912	920	930	940	953	965	976	984
Nebraska	1,714	1,720	1,728	1,739	1,749	1,761	1,773	1,783	1,796	1,813
Nevada	2,019	2,098	2,174	2,249	2,346	2,432	2,523	2,601	2,654	2,685
New Hampshire	1,240	1,256	1,269	1,280	1,290	1,298	1,308	1,313	1,316	1,316
New Jersey	8,431	8,493	8,553	8,601	8,635	8,652	8,662	8,678	8,711	8,756
New Mexico	1,821	1,832	1,855	1,878	1,904	1,932	1,962	1,990	2,011	2,037
New York	19,002	19,083	19,138	19,176	19,172	19,133	19,105	19,132	19,212	19,307
North Carolina	8,082	8,210	8,326	8,423	8,553	8,705	8,917	9,118	9,309	9,450
North Dakota	642	639	638	639	645	646	649	653	658	665
Ohio	11,364	11,387	11,408	11,435	11,452	11,463	11,481	11,500	11,515	11,529
Oklahoma	3,454	3,467	3,489	3,505	3,525	3,549	3,594	3,634	3,669	3,718
Oregon	3,430	3,468	3,513	3,547	3,569	3,613	3,671	3,722	3,769	3,809
Pennsylvania	12,284	12,299	12,331	12,375	12,411	12,450	12,511	12,564	12,612	12,667
Rhode Island	1,050	1,057	1,066	1,071	1,075	1,068	1,063	1,057	1,055	1,054
South Carolina	4,024	4,065	4,108	4,150	4,211	4,270	4,358	4,444	4,529	4,590
South Dakota	756	758	760	764	770	775	783	792	799	807
Tennessee	5,704	5,751	5,796	5,848	5,911	5,991	6,089	6,176	6,247	6,306
Texas	20,944	21,320	21,690	22,031	22,394	22,778	23,360	23,832	24,309	24,802
Utah	2,245	2,284	2,325	2,360	2,402	2,458	2,526	2,598	2,663	2,723
Vermont	610	612	615	618	620	621	623	623	624	625
Virginia	7,106	7,198	7,287	7,367	7,476	7,577	7,674	7,751	7,833	7,926
Washington	5,911	5,986	6,052	6,104	6,179	6,257	6,371	6,462	6,562	6,667
West Virginia	1,807	1,801	1,805	1,812	1,816	1,820	1,828	1,834	1,840	1,848
Wisconsin	5,374	5,407	5,445	5,479	5,514	5,546	5,578	5,611	5,641	5,669
Wyoming	494	495	500	503	509	514	523	535	546	560
United States	282,162	284,969	287,625	290,108	292,805	295,517	298,380	301,231	304,094	306,772

Where shown, R = Revised data.
Data source: U.S. Department of Commerce, Census Bureau.

Table TN8.10. Resident population estimates by state, 2010-2023 (thousand people)

State	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Alabama	4,786	4,800	4,817	4,832	4,844	4,855	4,867	4,878	4,892	4,908	5,032	5,050	5,074	5,108
Alaska	714	722	731	738	737	738	743	741	737	734	733	735	733	733
Arizona	6,407	6,473	6,556	6,635	6,733	6,833	6,945	7,048	7,164	7,292	7,187	7,272	7,366	7,431
Arkansas	2,922	2,941	2,953	2,960	2,969	2,980	2,992	3,004	3,012	3,021	3,014	3,028	3,046	3,068
California	37,320	37,636	37,945	38,254	38,587	38,904	39,149	39,338	39,437	39,438	39,503	39,145	39,041	38,965
Colorado	5,048	5,122	5,194	5,271	5,353	5,454	5,544	5,617	5,697	5,758	5,785	5,812	5,841	5,878
Connecticut	3,579	3,589	3,595	3,596	3,596	3,589	3,580	3,575	3,575	3,566	3,578	3,604	3,609	3,617
Delaware	900	908	916	924	933	942	950	958	967	977	992	1,005	1,019	1,032
District of Columbia	605	620	636	652	664	677	688	697	704	708	671	669	671	679
Florida	18,846	19,056	19,302	19,552	19,854	20,219	20,627	20,977	21,255	21,492	21,591	21,831	22,246	22,611
Georgia	9,712	9,804	9,904	9,976	10,071	10,183	10,308	10,417	10,519	10,628	10,732	10,790	10,913	11,029
Hawaii	1,364	1,380	1,395	1,409	1,415	1,423	1,429	1,426	1,423	1,416	1,451	1,447	1,439	1,435
Idaho	1,571	1,584	1,596	1,612	1,632	1,652	1,684	1,720	1,752	1,789	1,849	1,905	1,939	1,965
Illinois	12,841	12,868	12,883	12,896	12,885	12,860	12,822	12,780	12,725	12,667	12,790	12,690	12,583	12,550
Indiana	6,491	6,517	6,539	6,571	6,596	6,611	6,638	6,662	6,698	6,731	6,789	6,814	6,832	6,862
Iowa	3,051	3,067	3,077	3,094	3,111	3,123	3,133	3,144	3,150	3,160	3,191	3,198	3,200	3,207
Kansas	2,858	2,870	2,886	2,894	2,902	2,911	2,913	2,911	2,913	2,913	2,938	2,938	2,937	2,941
Kentucky	4,348	4,371	4,388	4,407	4,417	4,429	4,440	4,456	4,464	4,472	4,508	4,508	4,512	4,526
Louisiana	4,545	4,576	4,602	4,626	4,646	4,667	4,681	4,674	4,664	4,658	4,652	4,627	4,588	4,574
Maine	1,328	1,328	1,328	1,329	1,331	1,329	1,332	1,336	1,340	1,346	1,365	1,379	1,389	1,396
Maryland	5,789	5,840	5,888	5,925	5,960	5,989	6,007	6,028	6,042	6,055	6,174	6,175	6,164	6,180
Massachusetts	6,566	6,614	6,664	6,715	6,765	6,797	6,827	6,864	6,886	6,895	6,998	6,992	6,983	7,001
Michigan	9,878	9,883	9,898	9,915	9,932	9,934	9,954	9,977	9,987	9,985	10,071	10,038	10,033	10,037
Minnesota	5,311	5,347	5,378	5,415	5,453	5,484	5,525	5,569	5,609	5,640	5,711	5,718	5,714	5,738
Mississippi	2,971	2,979	2,985	2,990	2,992	2,990	2,991	2,991	2,983	2,978	2,958	2,950	2,939	2,940
Missouri	5,996	6,011	6,026	6,043	6,059	6,075	6,091	6,111	6,126	6,140	6,154	6,170	6,177	6,196
Montana	991	998	1,004	1,014	1,023	1,031	1,042	1,054	1,062	1,070	1,087	1,106	1,123	1,133
Nebraska	1,830	1,841	1,854	1,866	1,880	1,892	1,906	1,917	1,926	1,933	1,963	1,964	1,968	1,978
Nevada	2,702	2,713	2,745	2,777	2,819	2,869	2,920	2,972	3,031	3,091	3,116	3,147	3,177	3,194
New Hampshire	1,317	1,320	1,325	1,327	1,334	1,337	1,344	1,350	1,355	1,361	1,379	1,387	1,399	1,402
New Jersey	8,799	8,829	8,846	8,858	8,867	8,870	8,874	8,888	8,892	8,891	9,272	9,269	9,261	9,291
New Mexico	2,065	2,081	2,088	2,093	2,090	2,090	2,093	2,093	2,094	2,100	2,118	2,117	2,113	2,114
New York	19,400	19,500	19,574	19,626	19,653	19,657	19,636	19,594	19,544	19,463	20,105	19,855	19,673	19,571
North Carolina	9,575	9,659	9,752	9,847	9,937	10,037	10,162	10,276	10,391	10,501	10,454	10,567	10,696	10,835
North Dakota	675	686	702	723	739	756	756	757	760	764	780	778	779	784
Ohio	11,539	11,546	11,551	11,580	11,607	11,622	11,640	11,666	11,681	11,697	11,798	11,765	11,760	11,786
Oklahoma	3,760	3,789	3,819	3,854	3,879	3,911	3,928	3,934	3,943	3,961	3,965	3,992	4,019	4,054
Oregon	3,838	3,873	3,900	3,924	3,965	4,019	4,093	4,147	4,184	4,216	4,245	4,256	4,239	4,233
Pennsylvania	12,711	12,747	12,769	12,780	12,792	12,790	12,788	12,795	12,809	12,799	12,995	13,014	12,972	12,962
Rhode Island	1,054	1,054	1,055	1,056	1,057	1,057	1,058	1,057	1,059	1,058	1,096	1,097	1,094	1,096
South Carolina	4,636	4,673	4,719	4,766	4,827	4,896	4,963	5,027	5,092	5,158	5,132	5,194	5,283	5,374
South Dakota	816	824	834	843	850	855	864	874	879	887	888	896	910	919
Tennessee	6,356	6,400	6,456	6,497	6,545	6,595	6,651	6,715	6,778	6,830	6,926	6,964	7,049	7,126
Texas	25,242	25,646	26,084	26,480	26,963	27,469	27,914	28,291	28,625	28,987	29,234	29,561	30,030	30,503
Utah	2,775	2,815	2,854	2,899	2,938	2,984	3,044	3,104	3,155	3,203	3,284	3,339	3,381	3,418
Vermont	626	627	626	627	626	626	624	625	625	624	643	647	647	647
Virginia	8,024	8,102	8,187	8,256	8,315	8,367	8,418	8,471	8,511	8,557	8,637	8,657	8,679	8,716
Washington	6,743	6,827	6,899	6,966	7,058	7,167	7,300	7,428	7,527	7,614	7,725	7,741	7,784	7,813
West Virginia	1,854	1,857	1,857	1,855	1,851	1,843	1,832	1,819	1,806	1,795	1,792	1,785	1,774	1,770
Wisconsin	5,691	5,706	5,721	5,738	5,753	5,763	5,775	5,793	5,809	5,825	5,897	5,880	5,891	5,911
Wyoming	565	567	577	583	583	586	585	580	579	580	578	580	582	584
United States	309,327	311,583	313,878	316,060	318,386	320,739	323,072	325,122	326,838	328,330	331,527	332,049	333,271	334,915

Where shown, R = Revised data.
Data source: U.S. Department of Commerce, Census Bureau.