All csv files can be merged by county FIPS/ ZIPS and Year.

DETAILED DESCRIPTIONS OF DATA FILES

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Medical sets

medicaideligibility_othernondisabled.csv: Annual rate of Medicaid Eligibility by states from 2011 to 2016 (calculated as a percent of the Federal Poverty Level (FPL))

health_insurance_sahie.csv: 2008 - 2020 Small Area Health Insurance Estimates (SAHIE) using the American Community Survey (ACS)
SAHIE are model-based estimates of health insurance coverage for demographic groups within counties and states. We publish state estimates by sex (female, male, both), race/ethnicity (all races, non-Hispanic White, non-Hispanic Black, Hispanic), age (0-18, under 65, 18-64, 21-64, 40-64, 50-64), and income. We publish county estimates by the same sex, age and income groups, but not by race. Income groups are defined by the income-to-poverty ratio (IPR) – the ratio of family income to the appropriate federal poverty level. We produce estimates for all incomes, and for the IPR groups: 0-138%, 0-200%, 0-250%, 0-400%, and, beginning in 2012, 138-400% IPR.
2005 - 2007 Small Area Health Insurance Estimates (SAHIE) using Current Population Survey (CPS) Data
Source:
1. (data): https://www.census.gov/data/datasets/time-series/demo/sahie/estimates-acs.html
2. (model): https://www.census.gov/programs-surveys/sahie/technical-documentation/methodology/demographic-income-model.html
* *Note: The methodology was updated in 2013. 2005-2007 used different surveys for input data.*

opioid_overdose_mortality.csv: lower bound and upper bound of the opioid-related death rate by county from 1999-2015
Source: https://data.cdc.gov/NCHS/NCHS-Drug-Poisoning-Mortality-by-County-United-Sta/pbkm-d27e

Economic sets

unemployment_county_2000_2020.csv: Annual averages unemployment rates by county from 2000-2020 (Source: https://www.bls.gov/lau/tables.htm#cntyaa)

unemployment_zcta5_acs.csv: Annual averages employment and unemployment rates by Zip code from 2005-2021
2011-2021: ZIP code data from the Census API
2005-2010: County (>65k population) data from Census API then crosswalk to ZIP code
(Source: ACS Census API)

Foreclosure: paid dataset
https://www.attomdata.com/data/foreclosure-data/

bankruptcy_filings_circuit.csv: Number of bankruptcy filings by circuit of judicial courts for 12-month period ending December 31 from 2005 to 2018
(U.S. Bankruptcy Courts—Business and Nonbusiness Cases Filed, by Chapter of the Bankruptcy Code)
"CHAP. 7," shows the number of bankruptcy filings that involve liquidation of assets.
"CHAP. 11," displays the number of bankruptcy filings which are primarily used for reorganization of businesses.
"CHAP. 12," represents the number of bankruptcy filings which are specifically designed for family farmers and fishermen.
"CHAP. 13," indicates the number of bankruptcy filings which involve a repayment plan for individuals with regular income.
(Source: https://www.uscourts.gov/statistics-reports/caseload-statistics-data-tables?tn=F-2&pn=32&t=All&m%5Bvalue%5D%5Bmonth%5D=12&y%5Bvalue%5D%5Byear%5D=)

poverty_saipe.csv: poverty estimates, median household income, estimates of school-age children in poverty by year and by county from 2005-2020 by SAIPE, Census Bureau
Small Area Income and Poverty Estimates (SAIPE) Program provide single-year estimates of income and poverty for all U.S. states and counties as well as estimates of school-age children in poverty for all 13,000+ school districts from these **inputs: state IRS data, state SNAP benefits data, county SNAP benefits data, and state/county poverty universe data.**
Source:
   1. Data: https://www2.census.gov/programs-surveys/saipe/datasets/
   2. Model: https://www.census.gov/programs-surveys/saipe/technical-documentation/methodology.html

poverty_zcta5_acs.csv: Percentage of households with income below poverty level, median household income by ZIP code from 2005-2021 from ACS
2011-2021: ZIP code data from the Census API
2005-2010: County (>65k population) data from Census API then crosswalk to ZIP code
Source: ACS Census API

owned_rent_zcta5_acs.csv: Percentage of owned and rent households by ZIP code from 2005-2021
2011-2021: ZIP code data from the Census API
2005-2010: County (>65k population) data from Census API then crosswalk to ZIP code
Source: https://data.census.gov/table?tid=ACSDP1Y2021.DP04

owned_rent_zcta5_dc.csv: Percentage of owned and rent households by ZIP code in 2000, 2010 from DC
Source: DC Census API

The Census Bureau will not release its standard 2020 ACS 1-year estimates because of the impact of the COVID-19 pandemic on data collection.

Population Set

natural_disaster.csv: natural disaster occurrence by county by month from 2000-2023: data published by Federal Emergency Management Agency (FEMA)
https://www.fema.gov/openfema-data-page/disaster-declarations-summaries-v2

pop_density_zcta5_dc.csv: person per square miles of land area by ZIP in 2010 calculated using the population and land area (square miles)
(Source:
https://tigerweb.geo.census.gov/tigerwebmain/TIGERweb2020_nation_based_files.html *The land area on this website is in square meters*)

race_demographics_zcta5_dc.csv: Percentage of each race by ZIP code in 2000 and 2010 by the Decennial Census (White, Black or African American, American Indian and Alaska Native, Asian, Hispanic or Latino)
Source: https://data.census.gov/table?tid=DECENNIALPL2020.P1

race_demographics_acs.csv: Percentage of each race by ZIP code from 2005-2021 from ACS (White, Black or African American, American Indian and Alaska Native, Asian, Hispanic or Latino)
2011-2021: ZIP code data from the Census API
2005-2010: County (>65k population) data from Census API then crosswalk to ZIP code
Source: https://data.census.gov/table?tid=ACSDP1Y2021.DP05

spousal abuse data
https://www.icpsr.umich.edu/web/NACJD/studies/34305/datadocumentation#
https://catalog.data.gov/dataset/national-intimate-partner-and-sexual-violence-survey-nisvs-series-7e78b
Has special restricted access to the raw data
NIPSV 2010, 2011, 2012, 2015

NCVS 2000-2015: https://www.icpsr.umich.edu/web/ICPSR/studies/38321

elections.csv: percentage of political votes by county

Progress Check

	Index	Raw Data	Collating	Frequency	Time Range
Medical	Medicaid Eligibility	Completed	Completed	Annual by state	2011-2016
	Health insurances SAHIE	Completed	Completed	Annual by county	2005-2020
	opioid deaths	Completed	Completed	Annual by county	1999-2015
Economic	unemployment	Completed	Completed	Annual averages by county	2000-2020
	unemployment	Completed	Completed	ZCTA5	2011-2021 From ACS 5-year estimate 2005-2010 From ACS 1-year estimate (county to ZIP code)
	foreclosure	Not Started	Not Started		
	Bankruptcy filings	Completed	Completed	Annual court cases by circuits	2005-2020
	Percentage of Household living under the poverty threshold,: median household income	Completed	Completed	ZCTA5	2011-2021 From ACS 5-year estimate 2005-2010 From ACS 1-year estimate (county to ZIP code)
	SAIPE (poverty estimates all ages, median household income)	Completed	Completed	By county	2005-2020
	rent/owned	Completed	Completed	ZCTA5	2000,2010 From DC
	rent/owned	Completed	Completed	ZCTA5	2011-2020 From ACS 5-year

					estimate 2005-2010 From ACS 1-year estimate (county to ZIP code)
Popu lation	natural disaster occurrence	Complete d	Complete d	By county	2000-2023
	Proportion population black	Complete d	Complete d	ZCTA5	2011-2021 From ACS 5-year estimate 2005-2010 From ACS 1-year estimate (county to ZIP code)
	Proportion population black	Complete d	Complete d	ZCTA5	2000,2010 From DC
	density	Complete d	Complete d	ZCTA5	2010 From DC
	spousal abuse data	Not Started	Not Started	By state	2010-2020
	political leaning	Complete d	Complete d	Election voting	

Additional Information:

1. Alternative sets of data for health insurance coverage but by states:

health_insurance_coverage.csv: Health Insurance Coverage: Estimates from the National Health Interview Survey 2005-2021 by states
https://www.cdc.gov/nchs/nhis/nhis_2018_data_release.htm
https://www.cdc.gov/nchs/data/nhis/earlyrelease/insur200606.pdf
(calculated from NHIS)

Table 8. Percentage of persons in selected states who lacked health insurance coverage at the time of interview or with public or private coverage at the time of interview, by age group: United States, 2005

Age group and state	Uninsured[1] at the time of interview	Public[2] coverage	Private[3] coverage
	Percent (standard error)		
All ages			
All states	14.2 (0.21)	26.4 (0.30)	67.3 (0.37)
Alabama	14.4 (2.01)	30.6 (0.79)	61.7 (2.73)
Arizona	20.7 (1.91)	27.0 (3.07)	57.7 (3.32)
California	16.8 (0.61)	26.1 (0.65)	61.4 (0.98)
Florida	21.4 (0.92)	31.4 (1.26)	55.2 (1.47)
Georgia	20.9 (1.38)	24.9 (2.30)	59.1 (0.90)
Illinois	10.4 (0.68)	24.9 (0.92)	73.3 (0.98)
Indiana	14.8 (1.68)	23.2 (1.60)	71.4 (2.58)
Maryland	11.0 (1.06)	20.6 (1.83)	75.5 (2.18)
Massachusetts	6.5 (0.97)	28.0 (2.14)	74.1 (1.96)
Michigan	10.4 (0.99)	27.7 (1.16)	73.0 (1.99)
Minnesota	7.1 (0.99)	22.5 (2.18)	78.6 (2.38)
Missouri	10.4 (1.13)	24.3 (2.07)	73.0 (1.99)
New Jersey	11.5 (1.03)	23.4 (1.61)	75.3 (2.16)
New York	10.3 (0.78)	28.7 (1.06)	69.3 (1.08)
North Carolina	15.6 (1.67)	29.6 (3.50)	62.0 (4.16)
Ohio	9.6 (0.65)	25.4 (1.70)	74.9 (1.35)
Pennsylvania	9.0 (0.95)	26.3 (1.09)	77.4 (1.54)
Tennessee	12.1 (2.39)	33.5 (2.35)	65.3 (3.46)
Texas	24.6 (1.05)	22.9 (0.90)	56.9 (1.55)
Virginia	10.8 (1.45)	24.1 (1.13)	72.8 (1.97)
Under 65 years			
All states	16.0 (0.24)	16.8 (0.29)	68.4 (0.39)
Alabama	16.2 (2.13)	21.9 (1.81)	64.0 (3.93)
Arizona	22.7 (2.05)	19.3 (2.94)	59.1 (3.11)
California	18.5 (0.64)	18.4 (0.62)	63.9 (1.01)
Florida	25.6 (1.18)	18.1 (1.29)	57.6 (1.57)
Georgia	22.9 (1.36)	17.7 (2.03)	60.0(1.00)
Illinois	11.7 (0.75)	15.0 (0.66)	74.4 (0.84)
Indiana	16.7 (1.91)	13.7 (1.66)	71.3 (2.76)
Maryland	11.9 (1.13)	12.7 (1.59)	76.5 (2.17)
Massachusetts	7.4 (1.07)	17.8 (1.95)	75.7 (1.77)
Michigan	11.9 (1.13)	17.7 (1.16)	72.2 (2.14)
Minnesota	7.8 (1.16)	14.7 (1.90)	79.0 (2.75)
Missouri	11.7 (1.36)	14.7 (1.53)	74.6 (2.41)
New Jersey	13.4 (1.20)	11.0 (1.30)	76.3 (2.27)
New York	11.8 (0.88)	18.6 (1.13)	70.7 (1.28)
North Carolina	17.5 (1.91)	21.3 (3.78)	62.4 (4.77)
Ohio	11.0 (0.74)	14.4 (1.56)	75.6 (1.48)
Pennsylvania	10.4 (1.08)	13.7 (0.91)	77.9 (1.70)
Tennessee	14.5 (2.73)	20.5 (2.06)	67.0 (3.79)
Texas	26.6 (1.19)	16.0 (0.88)	58.4 (1.57)
Virginia	12.1 (1.69)	15.3 (0.90)	74.4 (2.07)

healthcare access/ coverage: BRFSS Prevalence And Trends Data: Health Care Access/Coverage for 1995-2010

Annual percentage by states

Source: https://data.cdc.gov/Health-Statistics/BRFSS-Prevalence-And-Trends-Data-Health-Care-Acces/t984-9cdv