Place and Health - Geospatial Research, Analysis, and Services Program (GRASP)

DECEMBER 16, 2024

SVI Data & Documentation Download

ABOUT

Access the CDC/ATSDR Social Vulnerability (CDC/ATSDR or SVI) data, documentation, and other helpful data-related information below.

Data

Year

2022

Geography

United States

If you choose "United States" as your option under Geography, all U.S. census tracts, or counties, are ranked against one another. Use "United States" for U.S.-wide or multi-state mapping and analysis.

If you choose an individual state, or "District of Columbia," or "Puerto Rico," tracts or counties are ranked against other tracts or counties in that state/district/territory.

If you choose Tribal Tracts, the database contains only estimates, percentages and their respective margins of error, and adjunct variables. Tribal tracts are not ranked against each other nor against standard census tracts.

Geography Type

Counties

File Type

- (•) CSV File (table data)
- ( ) ESRI Geodatabase (map data)

Go

Documentation

- CDC/ATSDR SVI Documentation 2022 PDF
- CDC/ATSDR SVI Documentation 2020 PDF
- CDC/ATSDR SVI Documentation 2018 PDF
- CDC/ATSDR SVI Documentation 2016 PDF
- CDC/ATSDR SVI Documentation 2014 PDF
- CDC/ATSDR SVI Documentation 2010 PDF
- CDC/ATSDR SVI Documentation 2000 PDF

Suggested citation

Centers for Disease Control and Prevention/ Agency for Toxic Substances and Disease Registry/ Geospatial Research, Analysis, and Services Program. CDC/ATSDR Social Vulnerability Index **[Insert 2022, 2020, 2018, 2016, 2014, 2010, or 2000]** Database **[Insert U.S. or State]**. https://www.atsdr.cdc.gov/placeandhealth/svi/data_documentation_download.html Accessed on **[Insert date]**.

Data changes over time

The CDC/ATSDR SVI databases have changed over time, so we caution against comparing the different versions of our databases for several reasons:

- We created the percentile scores included in each database by ranking census tracts relative to other census tracts in the same year. Therefore, percentile scores of different tracts in different years are not comparable.
- Starting in 2010, we use the 5-year ACS data, so the databases may have data sampled from overlapping years.
- We have made some changes to the CDC/ATSDR SVI over time because data from the U.S. Census Bureau changed or because we decided updates were needed to keep up with the latest research on the topic.
- The U.S. Census Bureau redraws many census tract boundaries in each decennial year, meaning that census tracts included in the 2000 CDC/ATSDR SVI database are not equivalent to the census tracts included in the 2010, 2014, 2016, and 2018 CDC/ATSDR SVI databases (2020 and 2022 CDC/ATSDR SVI databases also contain different tracts). Even in cases where the census tract does not undergo a name change, modifications to the census tract geographic boundary may impact comparability over time.

Comparison of source data and variables

The table below provides information on the U.S. Census Bureau source data and variables used to create each version of the CDC/ATSDR SVI database. This information can help in determining which dataset might be best for your use.

Comparison of Source Data and Variables

Data Source		2000 Census	2010 Census ACS	2014 ACS	2016 ACS	2018 ACS	2020 ACS	2022 ACS
Theme 1: Socioeconomic	Individuals below poverty level	x*	x	x	x	x	-	-
	Civilian unemployment 61+ years	x*	x	x	x	x	x	x
	Per capita income	x*	x	x	x	x	-	-
	No high school diploma 25+ years	x*	x	x	x	x	x	x
	Below 150% of poverty	-	-	-	-	-	x	x
	Housing cost burden (households spending >=30% of annual income on housing)	-	-	-	-	-	x	x
	No health insurance	-	-	-	-	-	x	x
Theme 2: Household Composition/ Disability**	Persons 65+ years	x*	x*	x	x	x	x	x
	Persons 17 years and younger	x*	x*	x	x	x	x	x
	Persons 5+ years with a disability	x*	-	x	x	x	x	x
	Single-parent households with children under 18 years	x*	x*	x	x	x	x	x
	Persons 5+ years who speak English less than well	-	-	-	-	-	x	x
Theme 3: Minority status and language***	Persons who are racial and/or ethnic minorities (Total population minus non-Hispanic white)	x*	x*	x	x	x	x	x
	Persons 5+ years who speak English less than well	x*	x	x	x	x	-	-
Theme 4: Housing Type and Transportation	Housing with 10+ units	x*	x	x	x	x	x	x
	Mobile homes	x*	x	x	x	x	x	x
	Households with more people than rooms	x*	x	x	x	x	x	x
	Households with no vehicle access	x*	x	x	x	x	x	x
	Persons who are in institutional and non- institutional group homes	x*	x*	x	x	x	x	x
Adjunct variables	Persons without health insurance	-	-	x	x	x	-	-
	Daytime population (LandScan)	-	-	x	x	x	x	x
	Households without an internet subscription	-	-	-	-	-	x	x
	Hispanic / Latino persons	-	-	-	-	-	x	x
	Not Hispanic or Latino Black/African American persons	-	-	-	-	-	x	x
	Not Hispanic or Latino Asian persons	-	-	-	-	-	x	x
	Not Hispanic or Latino American Indian and Alaska Native persons	-	-	-	-	-	x	x
	Not Hispanic or Latino Native Hawaiian and Other Pacific Islander persons	-	-	-	-	-	x	x

	Not Hispanic or Latino persons of two or more races	-	-	-	-	-	x	x
	Not Hispanic or Latino persons of some other race	-	-	-	-	-	x	x

Data are derived from the decennial census 100% count data (SF1) Theme is titled "Household Characteristics" in 2020 and 2022***Theme is titled: "Racial & Ethnic Minority Status" in 2020 and 2022*

CSV of table available here: CSV EXCEL

Data correction

Data values for MP_CROWD (Percentage of occupied housing units with more people than rooms estimate MOE) in the 2022 SVI dataset were updated on 12/11/24. This update does not impact the SVI rankings, interactive map, or the county map series and those remain correct and unchanged. The MP_CROWD variable was previously using Housing Units in the denominator instead of Occupied Housing Units and thus the values after release on 5/21/24 and before 12/11/24 were incorrect.

Data values for Housing Burden and Overall SVI in the 2020 SVI dataset have been updated. These variables were previously using E_HBURD instead of EP_HBURD in the calculation and thus the values after release on 10/27/22 and before 12/22/22 were incorrect.

Questions or comments?

Contact the CDC/ATSDR SVI Coordinator.

SOURCES

CONTENT SOURCE:

Agency for Toxic Substances and Disease Registry