Machine Learning Takes a Village: Assessing neighbourhood-level vulnerability for an overdose and infectious disease outbreak

Supplement

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Section 1: Data source descriptions

Public data sources:

2010 Decennial Census Datasets: Summary Files 1 & 2

Geography: Census Tract

The Decennial Census and the American Community Survey (ACS) are part of the Decennial Census Program of the U.S. Census Bureau. Since 2005, in order to provide communities, businesses and the public with detailed information more frequently, data that were historically collected only once every 10 years by the decennial census long form have been collected monthly (and released annually) through the ACS. More Information: https://www.census.gov/programs-surveys/acs/data/summary-file.html

2013-2017 American Community Survey 5-year Estimates

Geography: Census Tract

The American Community Survey (ACS) is an ongoing survey that provides data every year -- giving communities the current information they need to plan investments and services. The ACS covers a broad range of topics about social, economic, demographic, and housing characteristics of the U.S. population. The 5-year estimates from the ACS are "period" estimates that represent data collected over a period of time. The primary advantage of using multiyear estimates is the increased statistical reliability of the data for less populated areas and small population subgroups. The 5-year estimates are available for all geographies down to the block group level. In total, there are 87 different summary levels available with over 578,000 geographic areas. **More Information**: https://www.census.gov/programs-surveys/acs/technical-documentation/table-and-geography-changes/2017/5-year.html

Social Vulnerability Index (SVI)

Geography: Census Tract

CDC's SVI uses U.S. Census data to determine the social vulnerability of every census tract. Census tracts are subdivisions of counties for which the Census collects statistical data. The SVI ranks each tract on 15 social factors, including poverty, lack of vehicle access, and crowded housing, and groups them into four related themes. Each tract receives a separate ranking for each of the four themes, as well as an overall ranking. More Information: https://svi.cdc.gov/data-and-tools-download.html

RIGIS

Geography: Point joined to Census Tract

The Rhode Island Geographic Information System (RIGIS) is a consortium promoting the interests of Rhode Island's geospatial community. This group of government and private organizations promotes the use of the latest technology as a means for managing and utilizing a comprehensive database of geographically-related (geospatial) information. The mission of RIGIS is to monitor, coordinate, and provide leadership for activities relating to the use of GIS technology within Rhode Island, to support initiatives that implement or use GIS technology, and to provide easy access to an extensive database of geospatial data for the state. By making this comprehensive collection of geospatial data widely available, RIGIS has become a leader in the United States as an open geospatial data clearinghouse. Through the promotion of a geographic information system (GIS), RIGIS is able to encourage individuals, private businesses, local and state government, K-12 institutions, and colleges and universities to invest in a staff with GIS expertise, the required technology (hardware and software) as a means for enhancing decision-making through the utilization of land-related information such as that provided by RIGIS. When used successfully, GIS can capture, store, manipulate, analyze, manage and present all spatially related data in a variety of ways for any number of disciplines.

More information: http://info.rigis.org/

Private Rhode Island data sources:

Office of the State Medical Examiner (OSME) database

Geography: Point joined to Census Tract

The OSME database includes information collected during medical examiner investigations (including scene investigations, medical record review, and examinations) to determine the cause and manner of death for homicidal, suicidal, accidental (including trauma), sudden, and unexpected natural or undetermined deaths. OSME maintains comprehensive electronic and written records on all autopsies, including toxicology and pathology reports, death certificates, and case investigation summaries. (https://link.springer.com/article/10.1007/s13181-015-0477-9)

OSME's charts contained sociodemographic, incident, autopsy, toxicology, and third party reports of drug use for each decedent. OSME compiled this information from medical examiners' (MEs') reports, toxicology reports, emergency medical services and/or hospital reports, police reports, medical records, and other information provided to or requested by the ME to determine the cause of death. Rhode Island has a centralized ME system. All autopsy reports are reviewed by the Chief ME, who certifies the cause of death based on the advice provided by the lead ME for each case. (https://doi.org/10.1093/pm/pnx015)

Rhode Island Behavioral Health On-Line Data Service (BHOLD)

Geography: Zip joined to Census Tract

All licensed behavioral healthcare organizations (BHOs) are required to submit all of their behavioral healthcare clients' admission, discharge and event data into the State's Behavioral Health On-Line Database (BHOLD). The data should include all elements listed in the BHOLD data dictionary and must be submitted at least monthly. A supplemental Excel file containing ICD-10 diagnosis codes must be sent at the same time as the BHOLD submission. **More information**: https://bhddh.ri.gov/sections/reporting.php

Section 2: Dataset preparation

Data from the OSME was first geocoded using exact locations corresponding to the address at which each overdose occurred using ArcGIS software (version 10.4). These address points were then joined to a Census Tract shapefile. Point information from RIGIS data sources was also joined to this shapefile. In Rhode Island, Census Tracts do not uniformly fit into their corresponding Zip Codes. Some Census Tracts may straddle two or more different Zip Codes. To join the BHOLD data to the Census Tract shapefile, a calculation was needed because the original data was at the Zip Code level. A Zip Code shapefile was overlaid on the Census Tract shapefile and a new shapefile was created, containing boundaries from both layers. The values for each Zip Code were then dispersed among intersecting Census Tracts using a percent area calculation. The new values were then aggregated back to the Census Tract layer.

Once all geoprocessing was complete, the resulting table was exported as a CSV. This file was then joined to the 2010 Census, 2013-2017 ACS, and 2016 SVI data using the Census Tract GEOID field. The resulting analytic table was then used to conduct all following analyses.

Variable	Description	Dataset	Geographic Unit	Level of Access	Location	Min	Mean	Median	Max	StdDev	Q1	Q3
Black_Isolation	Exposure Index for Black/African American	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	1.13E-05	0.000006895	0.0000785	1.30E-05	0.00000245	0.00001625
Black_Segregation	Index of Dissimilarity for Black/African American	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.000122767	0.005199098	0.004206955	0.028016188	0.004336989	0.002441352	0.006269913
Bup_Loc	Number of buprenorphine providers	SAMHSA	Point	Public	https://findtreatment.samhsa.gov/locator	0	0.341666667	0	4	0.726035066	0	0
Census_area	-	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.120963252	4.845267327	1.405734044	58.41397323	9.036501075	0.545782475	3.983985483
Coordinate_X_centroid	-	Calculated	Census	Public	-	41.1761953	41.75224417	41.78993454	42.01404175	0.161962852		41.86397129
Coordinate_Y_centroid	-	Calculated	Census	Public	-	-71.82601407	-71.44489784	-71.43380211	-71.16294006	0.115566398	-71.49607684	-71.38470847
Deaths_2014	Number of overdose deaths in 2014	OSME	Point	Private	-	0	0.970833333	1	6	1.151306032	0	2
Deaths_2015	Number of overdose deaths in 2015	OSME	Point	Private	-	0	1.166666667	1	6	1.256503306	0	2
Deaths_2016	Number of overdose deaths in 2016	OSME	Point	Private	-	0	1.341666667	1	9	1.483498259	0	2
Deaths_2017	Number of overdose deaths in 2017	OSME	Point	Private	-	0	1.154166667	1	7	1.311831951	0	2
Deaths2014to2016	Total number of overdose deaths between 2014 and 2016	OSME	Point	Private	-	0	6.791666667	4	56	7.722049973	2	8
F1	-	-	-	-	-	1	122	122.5	242	70.0715713	61.5	182.5
FAC EMScom	EMS Locations (personnel, equipment, ambulance services)	RIGIS	Point	Public	http://www.rigis.org/	0	0.4625	0	3	0.71347608	0	1
FAC_fire	Fire department facilities	RIGIS	Point	Public	http://www.rigis.org/	0	0.666666667	1	4	0.790459147	0	1
FAC_hosp	Hospital facilities	RIGIS	Point	Public	http://www.rigis.org/	0	0.083333333	0	2	0.291679119	0	C
FAC_law	Police stations, barracks, and sheriffs offices	RIGIS	Point	Public	http://www.rigis.org/	0	0.283333333	0	3	0.520433249	0	1
FAC_lib	Academic, private, public, and hospital library locations	RIGIS	Point	Public	http://www.rigis.org/	0	0.470833333	0	5	0.753779413	0	1
FAC School	Public and private schools, preschool to university (2008)	RIGIS	Point	Public	http://www.rigis.org/	0	2.820833333	2	11	2.038639132	1	4
Fac_Scorp	Outdoor recreational facilities (playgrounds, ballfields, basketball courts)	RIGIS	Point	Public	http://www.rigis.org/	0	4.033333333	3	18	3.410378777	2	5
Geoid	-	Census	Census	Public	https://www.census.gov/data/data-tools.html	44001030100	44006162244	44007010751	44009051504	2073252.52	44005040750	44007015150
Hispanic_Isolation	Percentage of residents who are Hispanic/Latino	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	1.04E-05	0.000006405	0.0000806	1.16E-05	0.000003075	0.00001335
Hispanic_Segregation	Index of Dissimilarity for Hispanic/Latino	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.00001	0.005327078	0.003778533	0.041637968	0.005714133	0.0021271	0.006137428
Inj2014	Number of injection-related overdose deaths in 2014	CME	Point	Private	-	0	0.366666667	0	3	0.652428144	0	1
In:2014to2016	Number of injection-related overdose deaths from 2014 to	CME	Point	Private	-	0	1.25	1	7	1.450724822	0	2
Inj2014to2016	2016	CME	Point	Private		0	0.3916666667	0	4	0.700219133	0	2
Inj2015	Number of injection-related overdose deaths in 2015	CME	Point	Private	-	0	0.4916666667	0	6	0.828325258		
Inj2016 Inj2017	Number of injection-related overdose deaths in 2016 Number of injection-related overdose deaths in 2017 (*2017 incomplete)	CME	Point	Private	-	0	0.2125	0	3	0.493313025	0	1
	Ratio of number of male residents to number of female	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.618777147	0.962687142	0.944493391	2.980392157	0.205373932		
Male_Female_Ratio	residents	Census	Census	Public	https://www.census.gov/data/data-tools.html	19.5	40.45208333	42.25	62.3	7.97776695	0.874488101	
Median_Age	Median age (all residents)	Census	Census	Public	https://www.census.gov/data/data-tools.html	3297	34490.60833	35759.5	77700	10956.97739	34.3	46.5
Median_earnings	Median earnings among individuals aged 16 years and older	Census	Census	Public	https://www.census.gov/data/data-tools.html	19.5	41.81958333	43.8	63	8.579058369	28256.5	40947
Median_Female_Age	Median age (Female residents)	Census	Census	Public	https://www.census.gov/data/data-tools.html	13359	60746.09583	58799.5	176000	24201.49081	35.1	48.1
Median_income	Median household income	Census	Census	Public	https://www.census.gov/data/data-tools.html	19.5	39.06625	40.4	59.7	7.793607676	42788	74758.5
Median_Male_Age	Median age (Male residents)	Census	Census	Public	https://www.census.gov/data/data-tools.html	40	689.55	644.5	1771	427.5228903	33.6	44.75
Median_rent_percent_income	Median rent (as a percentage of income)			Public	-	1939	1957.55	1956.5	1992		356.5	949
Median_year_structure_built	Median year structures in census block group were built	Census SAMHSA	Census Point	Public	https://www.census.gov/data/data-tools.html https://findtreatment.sambsa.gov/locator	0	0.0875	0	2	14.99084798 0.324472536	1939.5	1970
Meth_Loc	Number of methadone providers		Point		https://indireatment.samnsa.gov/iocator	1		1			0	0
Number_of_Records	•	Calculated	-	Public	-		1		1	0	1	1
Percent_00_04	Percentage of all residents who are 4 years old or younger	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.001599147	0.051926846	0.049734586	0.138050832	0.023745839	0.032448344	0.067004082
Percent_05_14	Percentage of all residents who are between 5 and 14 years old	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.000710732	0.111272179	0.107804228	0.222077922	0.037971108	0.089575065	0.134164605
Percent_15_24	Percentage of all residents who are between 15 and 24 years old	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.056771141	0.161588487	0.139753282	0.953091684	0.100652445	0.114421912	0.169203099
Percent_25_44	Percentage of all residents who are between 24 and 44 years old	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.011904762	0.253561639	0.25352929	0.477339901	0.066697902	0.211050144	0.292078248
	Percentage of all residents who are between 45 and 64 years	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.014925373	0.279426249	0.292497005	0.499435028	0.065052568		0.323689646

Variable	Description	Dataset	Geographic Unit	Level of Access	Location	Min	Mean	Median	Max	StdDev	Q1	Q3
Percent_65	Percentage of all residents who are 65 years old or older	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.008173419	0.159548756	0.159909742	0.422634271	0.063210144	0.113826747	0.199757459
Percent_9th_12th_grade	Percentage of residents age 25 years and older whose highest education level is 9th to 12th grade	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.002430134	0.074428193	0.061414347	0.215723509	0.047433293	0.0393128	0.09961283
Percent_Associates_Degree	Percentage of residents age 25 years and older whose highest education level is an associate's degree	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.004860267	0.082363989	0.082718464	0.164346561	0.030933931	0.059817464	0.10620983
Percent_Bachelors_Degree	Percentage of residents age 25 years and older whose highest education level is a bachelor's degree	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.03565365	0.193745669	0.190876623	0.461199295	0.083657721	0.133784513	0.25290061
Percent_Bachelors_or_higher	Percentage of residents age 25 years and older who completed at least a bachelor's degree	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.052429221	0.327340572	0.298828132	0.91122449	0.175182527	0.194924342	0.44556278
Percent_Black_NH	Percentage of residents who are Black/African American (non- Hispanic/Latino)	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.05769321	0.024671398	0.372815534	0.07306915	0.006290996	0.09146408
Percent_child_families_1_worker	Percentages of families with children with 1 worker	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.390884417	0.380054785	0.851351351	0.149162797	0.273460411	0.49858333
Percent_child_families_2_workers	Percentages of families with children with 2 or more workers	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.054054054	0.815912893	0.85019521	1.645021645	0.304334781	0.598029167	1.04774951
	Percentages of families with children with no workers	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.063758636	0.037716421	0.569620253	0.078803981	0	0.10596043
Percent_construction_occupation s	Percentage of employed individuals in natural resources, construction, and maintenance occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.073972324	0.074846493	0.226937269	0.035243351	0.047655927	0.09673793
Percent_crowded_housing	Percentage of housing units with 1 or more occupant per room	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.017160525	0.009276452	0.094806763	0.0203671	0	0.026887308
Percent_divorced	Percentage of residents age 15 years and older who are divorced	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.006411398	0.116071626	0.111519745	0.23551058	0.039723214	0.093371792	0.136160648
Percent_earnings_10000_14999	Percentage of individuals aged 16 years and older who earned between \$10,000 and \$14,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.012596899	0.076050707	0.069310768	0.229050279	0.035106144	0.052899918	0.09265113
Percent_earnings_100000_over	Percentage of individuals aged 16 years and older who earned greater than \$100,000	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.081089165	0.069330373	0.419089147	0.068541296	0.029748063	0.11368935
Percent_earnings_15000_24999	Percentage of individuals aged 16 years and older who earned between \$15,000 and \$24,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.021194605	0.134025357	0.124611523	0.352372583	0.0563781	0.097901315	0.15771433
Percent_earnings_25000_34999	Percentage of individuals aged 16 years and older who earned between \$25,000 and \$34,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.010276172	0.130254759	0.126589993	0.24413725	0.045895603	0.095039725	0.15805748
Percent_earnings_35000_49999	Percentage of individuals aged 16 years and older who earned between \$35,000 and \$49,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.001712695	0.155744017	0.153499012	0.298726738	0.047387215	0.120655629	0.18879608
Percent_earnings_50000_64999	Percentage of individuals aged 16 years and older who earned between \$50,000 and \$64,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.002569043	0.115388764	0.117523876	0.224782609	0.042194183	0.085006866	0.14562499
Percent_earnings_65000_74999	Percentage of individuals aged 16 years and older who earned between \$65,000 and \$74,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.050496063	0.049844721	0.158930561	0.028433957	0.029063419	0.06694121
Percent_earnings_75000_99999	Percentage of individuals aged 16 years and older who earned between \$75,000 and \$99,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.075356393	0.073744633	0.179950327	0.040193409	0.045341266	0.10386879
Percent_earnings_under_10000	Percentage of individuals aged 16 years and older who earned under \$10,000	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.0529462	0.181594775	0.157673775	0.906229929	0.103854567	0.129547536	0.19714398
Percent_families_married_couple s	Percentage of households with married couples	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.237394958	0.691799113	0.720145835	1	0.154560634	0.591494409	0.80648605
Percent_families_poverty	Percentage of families with income below the federal poverty line	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.007936508	0.147644938	0.112018875	0.52327044	0.110868206	0.064020037	0.19933128
Percent_Female	Percentage of residents who are female	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.251231527	0.513251245			0.037912163	0.498653782	0.53347898
Percent_Female_00_04	Percentage of female residents who are 4 years old or younger Percentage of female residents who are between 5 and 14	Census	Census	Public	https://www.census.gov/data/data-tools.html	0		0.044726708			0.029745212	0.06519165
Percent_Female_05_14	vears old Percentage of female residents who are between 15 and 14 Percentage of female residents who are between 15 and 24	Census	Census	Public	https://www.census.gov/data/data-tools.html	0		0.101165346		0.040892487	0.078282359	0.13084683
Percent_Female_15_24	Percentage of female residents who are between 19 and 24 Percentage of female residents who are between 24 and 44	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.05856833	0.172714035			0.104536312	0.124155173	0.18701939
Percent_Female_25_44	years old Percentage of female residents who are between 24 and 44 Percentage of female residents who are between 45 and 64	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.007352941	0.247825236				0.203278744	0.29120294
Percent_Female_45_64	years old	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.015345269	0.281176589	0.294465225		0.068139303	0.239239576	0.32768983
Percent_Female_65	Percentage of female residents who are 65 years old or older Percentage of females age 25 years and older whose highest	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.007672634	0.177625483	0.179560747	0.436964504	0.072993361		0.21920007
Percent_female_9th_12th_grade Percent_female_Associates_Degr	education level is 9th to 12th grade Percentage of females age 25 years and older whose highest	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.070103221	0.057074454			0.033432978	0.09814555
ee	education level is an associate's degree Percentage of females age 25 years and older whose highest	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.090132208	0.088805432				0.11599678
e	education level is a bachelor's degree Percentage of females age 25 years and older who completed	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.030326594	0.191078934	0.188975037	0.446194226			0.255500732
h	at least a bachelor's degree	Census	Census	PUDIIC	https://www.census.gov/data/data-tools.html	0.031421838	0.324946896	0.300742059	0.919202217	0.171931262	0.200071177	0.450320312

Variable	Description	Dataset	Geographic Unit	Level of Access	Location	Min	Mean	Median	Max	StdDev	Q1	Q3
	Percentage of employed females in natural resources,	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.004505804	0	0.06295754	0.009708082	0	0.006226109
u	construction, and maintenance occupations Percentage of female residents age 15 years and older who are	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.007275667	0.130244439	0.126000324	0.294885362	0.046410303		
Percent_female_divorced	divorced	Census									0.099620163	0.156678077
Percent_female_earnings_10000_ 14	Percentage of females aged 16 years and older who earned between \$10,000 and \$14,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.017410229	0.091503459	0.082887745	0.320399113	0.051668342	0.055815161	0.112654704
Percent_female_earnings_100000 o	Percentage of females aged 16 years and older who earned greater than \$100,000	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.046875606	0.034955713	0.282916213	0.04780438	0.009667413	0.070330403
Percent_female_earnings_15000_	Percentage of females aged 16 years and older who earned	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.016346837	0.149876423	0.140915369	0.384259259	0.067699369	0 102505210	0.193276751
24 Percent_female_earnings_25000_	between \$15,000 and \$24,999 Percentage of females aged 16 years and older who earned	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.010691376	0.140679532	0.138837128	0.288494078	0.055968167		
34 Percent_female_earnings_35000_	between \$25,000 and \$34,999 Percentage of females aged 16 years and older who earned										0.102617259	0.173787931
49	between \$35,000 and \$49,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.003138486	0.152528795	0.15093764	0.320163488	0.057632634	0.110571494	0.191581633
Percent_female_earnings_50000_ 64	Percentage of females aged 16 years and older who earned between \$50,000 and \$64,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.100925367	0.10040872	0.255376344	0.050508139	0.066921158	0.135771301
Percent_female_earnings_65000_ 74	Percentage of females aged 16 years and older who earned between \$65,000 and \$74,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.044756663	0.040921202	0.168373151	0.031860703	0.021890984	0.06321055
Percent_female_earnings_75000_	Percentage of females aged 16 years and older who earned	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.065239083	0.062354109	0.248043818	0.041782897		
99 Percent_female_earnings_under_	between \$75,000 and \$99,999 Percentage of females aged 16 years and older who earned	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.06512301	0.207615072	0.184267525				0.092514784
10	under \$10,000 Percentage of females age 25 years and older whose highest										0.149315798	0.229947656
e	education level is a graduate degree	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.133867962	0.114611005	0.72173913	0.10088365	0.063199859	0.188528738
Percent_female_Graduate_or_hig he	Percentage of females age 25 years and older who completed at least a graduate degree	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.133867962	0.114611005	0.72173913	0.10088365	0.063199859	0.188528738
	Percentage of females age 25 years and older whose highest	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.023622047	0.264411999	0.262759986	0.503910615	0.082462344		
Percent_female_High_School Percent_female_High_school_or_	education level is a high school diploma Percentage of females age 25 years and older who completed	C	C	Dublis		0.5000400004	0.000040070	0.005044600		0.402404000	0.217333583	0.322582493
hi	at least high school	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.509819324	0.869348373	0.905044683	1	0.103404086	0.827797581	0.942669734
Percent_female_householder	Percentage of households with female householder (no spouse present)	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.229648572	0.204878164	0.648275862	0.126118271	0.136233316	0.300420371
Percent_female_householder_wit h	Percentage of households with female householder (no spouse present) with children	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.127333685	0.094654617	0.391389432	0.09617809	0.058336931	0.182728472
Percent_female_Less_9th	Percentage of females age 25 years and older whose highest education level is less than 9th grade	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.060548407	0.03494337	0.317297099	0.066618787	0.015543727	0.076900702
Percent_female_less_than_HS	Percentage of females age 25 years and older who did not complete high school	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.130651627	0.094955317	0.490180676	0.103404086	0.057330267	0.17220242
	Percentage of employed females in management, business,	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.035755479	0.406848972	0.414022702	0.906896552	0.147832943		
cupa	science, and arts occupations Percentage of female residents age 15 years and older who										0.300193561	0.505180283
Percent_female_never_married	were never married	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.122265122	0.332486634	0.298024195	0.973785166	0.136243438	0.238183831	0.41206238
Percent_female_now_married	Percentage of female residents age 15 years and older who are now married	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.016943734	0.440415218	0.440401903	0.726978998	0.120548118	0.364862058	0.518223627
	Percentage of employed females in production, transportation, and material moving occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.061274792	0.043672682	0.32879046	0.05751966	0.019135268	0.085506871
	Percentage of employed females in sales and office	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.061206897	0.300094501	0.302721952	0.533613445	0.079355425		0.350088563
s Percent_female_service_occupati	occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.025454545	0.227275931	0.209006277	0.535135135	0.100053275		
0	Percentage of employed females in service occupations Percentage of females age 25 years and older whose highest										0.154778894	0.284608565
Percent_female_Some_College	education level is some college	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.189857269	0.191011939	0.395424837	0.06026255	0.156648788	0.222401274
Percent_female_Some_college_or _h	Percentage of females age 25 years and older who completed at least some college	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.188531029	0.604936373	0.620160405	0.976377953	0.149572897	0.507016005	0.706584777
Percent_female_widowed	Percentage of female residents age 15 years and older who are widowed	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.096853708	0.090527334	0.235644637	0.042558314		0.121553196
	Percentage of individuals aged 16 years or older employed full-	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.0349065	0.40107327	0.411192566	0.592163355	0.073666147		
Percent_full_time	time Percentage of residents age 25 years and older whose highest										0.372619533	0.445919403
Percent_Graduate_Degree	education level is a graduate degree	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.00384481	0.133594903	0.110330714	0.717346939	0.10559053	0.056629541	0.186042318
Percent_Graduate_or_higher	Percentage of residents age 25 years and older who completed at least a graduate degree	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.491087033	0.865680331	0.899938831	0.989503608	0.101330594	0.823191768	0.935206704
Percent_High_School	Percentage of residents age 25 years and older whose highest education level is a high school diploma	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.019441069	0.273090092	0.285153924	0.479057592	0.083166755	0.218275322	0.327541389
-	Percentage of residents age 25 years and older who completed	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.491087033	0.865680331	0.899938831	0.989503608	0 101330594		
Percent_High_school_or_higher	at least high school	Census	census	1 done	http://www.census.gov/udu/udu/udu/cools.html	0.131007033	0.000000000			0.101550554	0.823191768	0.935206704

Variable	Description	Dataset	Geographic Unit	Level of Access	Location	Min	Mean	Median	Мах	StdDev	Q1	Q3
Percent_householder_living_alon e	Percentage of households receiving food stamps	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.103703704	0.305116071	0.299678707	0.71741573	0.099811161	0.236731841	0.354804593
Percent_households_food_stamp s	Percentage of households consisting of a single member living alone	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.167017238	0.120718089	0.615303983	0.142342071	0.061480222	0.23096605
Percent_households_poverty	Percentage of households with income below the federal poverty line	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.107620511	0.065384168	0.433895297	0.106411336	0.029079907	0.15544796
Percent_households_with_over_6 4	Percentage of households with at least one member over 64 years old	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.055333333	0.281571867	0.284008993	0.567320261	0.086136632	0.228845798	0.33702617
Percent_households_with_under_ 18	Percentage of households with at least one member under 18 years old	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.026732673	0.290502095	0.287770746	0.551341351	0.098593961	0.22847395	0.34700062
Percent_income_10000_14999	Percentage of households with income between \$10,000 and \$14,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.056898977	0.049176153	0.247169811	0.041150537	0.025979604	0.077802342
Percent_income_100000_over	Percentage of households with income greater than \$100,000	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.017621145	0.260944137	0.246155635	0.810966811	0.15857801	0.130786466	0.354262335
Percent_income_15000_24999	Percentage of households with income between \$15,000 and \$24,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.003209537	0.096870285	0.092384458	0.263113367	0.046166933	0.061980473	0.126458277
Percent_income_25000_34999	Percentage of households with income between \$25,000 and \$34,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.015706806	0.091159681	0.087026382	0.217975938	0.040328626		0.116664113
Percent_income_35000_49999	Percentage of households with income between \$35,000 and \$49,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.01298027	0.122549783	0.117088316	0.299559471	0.045222834	0.090574206	0.150957311
Percent_income_50000_64999	Percentage of households with income between \$50,000 and \$64,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.004345727	0.071876669	0.069519166	0.170037453	0.031344491	0.050531569	0.089984122
Percent_income_65000_74999	Percentage of households with income between \$65,000 and \$74,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.018867925	0.096555326	0.090892955	0.196101595	0.037398921	0.069904168	0.122053606
Percent_income_75000_99999	Percentage of households with income between \$75,000 and \$99,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.01752109	0.125789342	0.128854925	0.303319209	0.04693969	0.091499791	0.160875598
Percent_income_rent_interest	Percentage of households with income from interest, dividends, or net rent	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.229730766	0.21632747	0.556998557	0.096454036	0.160033036	0.289586942
Percent_income_under_10000	Percentage of households with income under \$10,000	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.079416119	0.058774202	0.401123596	0.067675094	0.03289737	0.105029727
Percent_labor_force	Percentage of individuals aged 16 years or older in the labor force	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.241149212	0.655730922	0.662000626	0.939845475	0.071614602	0.622652908	0.701123455
Percent_Less_9th	Percentage of residents age 25 years and older whose highest education level is less than 9th grade	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.078688926	0.051024768	0.371198882	0.075185861	0.027040007	0.098799257
Percent_less_than_HS	Percentage of residents age 25 years and older who did not complete high school	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.010496392	0.134319669	0.10006117	0.508912967	0.101330594	0.064793297	0.176808232
Percent_Male	Percentage of residents who are male	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.382249742	0.486748755	0.485727213	0.748768473	0.037912163	0.466521019	0.501346218
Percent_Male_00_04	Percentage of male residents who are 4 years old or younger	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.054557222	0.050344936	0.18984127	0.030612	0.033304336	0.073290466
Percent_Male_05_14	Percentage of male residents who are between 5 and 14 years old	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.118079615	0.11585671	0.291147132	0.045836362	0.090234485	0.143410672
Percent_Male_15_24	Percentage of male residents who are between 15 and 24 years old	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.033479474	0.148924203	0.126719352	0.954	0.103767869		0.164083199
Percent_Male_25_44	Percentage of male residents who are between 24 and 44 years old	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.0176	0.25920765	0.253707949	0.550570962	0.077263495		0.302000564
Percent_Male_45_64	Percentage of male residents who are between 45 and 64 years old	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.0144	0.278624962	0.286884825	0.565217391	0.070014656	0.232980772	0.328763087
Percent_Male_65	Percentage of male residents who are 65 years old or older	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.003790751	0.140606348	0.142529542	0.406961178	0.06038751	0.099135559	0.178449724
Percent_male_9th_12th_grade	Percentage of males age 25 years and older whose highest education level is 9th to 12th grade	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.079202392	0.067417581	0.272594752	0.053951523		0.112054726
	Percentage of males age 25 years and older whose highest	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.073341231	0.074448302	0.168037603	0.035605776	0.048467704	0.09980701
	Percentage of males age 25 years and older whose highest education level is a bachelor's degree	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.00989011	0.197420382	0.197035447	0.516533637	0.090209572	0.132843479	0.249585583
	Percentage of males age 25 years and older who completed at least a bachelor's degree	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.027696793	0.330954489	0.29728787	0.916289593	0.185799841	0.188143789	0.441336547
Percent_male_construction_occu pa	Percentage of employed males in natural resources, construction, and maintenance occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.139599497	0.141426474	0.405017921	0.064460645	0.091443701	0.17781204
Percent_male_divorced	Percentage of male residents age 15 years and older who are divorced	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.003216727	0.100129303	0.095425403	0.275023386	0.04450855	0.0679717	0.122831754
Percent_male_earnings_10000_14 99	Percentage of males aged 16 years and older who earned between \$10,000 and \$14,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.062116942	0.05499436	0.199569661	0.036902751	0.035826883	0.083852966
Percent_male_earnings_100000_o ve	Percentage of males aged 16 years and older who earned greater than \$100,000	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.113516796	0.091854169	0.528384279	0.094503066		0.160004481
Percent_male_earnings_15000_24 99	Percentage of males aged 16 years and older who earned between \$15,000 and \$24,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.010148322	0.118506921	0.105683332	0.384892086	0.066979102	0.070185874	0.150046419

Variable	Description	Dataset	Geographic Unit	Level of Access	Location	Min	Mean	Median	Мах	StdDev	Q1	Q3
	Percentage of males aged 16 years and older who earned between \$25,000 and \$34,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.008482564	0.119057219	0.109574739	0.318904594	0.05927981		0.15920682
	Percentage of males aged 16 years and older who earned between \$35,000 and \$49,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.159125463	0.159339149	0.326714801	0.064209745	0.108159691	0.20332382
Percent_male_earnings_50000_64 99	Percentage of males aged 16 years and older who earned between \$50,000 and \$64,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.005655042	0.129950598	0.128100243	0.273359841	0.054431408	0.093912871	0.166714642
Percent_male_earnings_65000_74 99	Percentage of males aged 16 years and older who earned between \$65,000 and \$74,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.055942867	0.052948639	0.242362525	0.034563254	0.031554101	0.076030562
Percent_male_earnings_75000_99 99	Percentage of males aged 16 years and older who earned between \$75,000 and \$99,999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.085227929	0.080244438	0.251548947	0.051268763	0.046286963	0.117527699
Percent_male_earnings_under_10 00	Percentage of males aged 16 years and older who earned under \$10,000	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.014388489	0.156555266	0.134965574	0.896324222	0.105946209	0.096237171	0.180216783
Percent_male_Graduate_Degree	Percentage of males age 25 years and older whose highest education level is a graduate degree	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.133534107	0.104345332	0.713461538	0.115763337	0.05317816	0.179077096
Percent_male_Graduate_or_highe r	Percentage of males age 25 years and older who completed at least a graduate degree	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.133534107	0.104345332	0.713461538	0.115763337	0.05317816	0.179077096
Percent_male_High_School	Percentage of males age 25 years and older whose highest education level is a high school diploma	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.015837104	0.282234807	0.286837617	0.536796537	0.098114586	0.215379055	0.35337325
Percent_male_High_school_or_hig h	Percentage of males age 25 years and older who completed at least high school	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.476070529	0.861750885	0.89582831	1	0.105801414	0.821097264	0.935323513
Percent_male_householder	Percentage of households with male householder (no spouse present) with children	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.078552315	0.070246329	0.294	0.051819251	0.037709121	0.113419651
Percent_male_householder_with_ ch	Percentage of households with male householder (no spouse present)	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.035102235	0.024510246	0.167055167	0.034960126	0.010229788	0.054025989
Percent_male_Less_9th	Percentage of males age 25 years and older whose highest education level is less than 9th grade	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.059046723	0.038225701	0.353274559	0.066225363	0.015418764	0.071802
Percent_male_less_than_HS	Percentage of males age 25 years and older who did not complete high school	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.138249115	0.104171691	0.523929471	0.105801414	0.064676487	0.178902737
Percent_male_management_occu pati	Percentage of employed males in management, business, science, and arts occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.017492711	0.33205487	0.318118246	0.843230404	0.142303673	0.233604821	0.418024757
Percent_male_never_married	Percentage of male residents age 15 years and older who were never married	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.177592372	0.388133924	0.360662528	0.970245275	0.133160535	0.285301587	
Percent male now married	Percentage of male residents age 15 years and older who are now married	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.024929634	0.485723111	0.497538052	0.73907979	0.129575166		0.590422899
	Percentage of employed males in production, transportation, and material moving occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.004456328	0.169664946	0.157299225	0.473726115	0.086536701	0 107812839	0.221198107
Percent_male_sales_occupations	Percentage of employed males in sales and office occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.039426523	0.174819582	0.167690734	0.411994785	0.057632417		0.209218269
Percent_male_service_occupation s	Percentage of employed males in service occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.016627078	0.183861106	0.174061535	0.462566845	0.07632138	0.126500194	0.226907797
Percent_male_Some_College	Percentage of males age 25 years and older whose highest education level is some college	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.034524531	0.175220357	0.175075593	0.398993077	0.055114651	0.137952496	0.209891417
Percent_male_Some_college_or_h ig	Percentage of males age 25 years and older who completed at least some college	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.177581864	0.579516078	0.584738372	0.960024228	0.16819116	0.462549213	0.700090435
Percent_male_widowed	Percentage of male residents age 15 years and older who are widowed	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.026013662	0.0224614	0.104157354	0.019102735	0.011222863	0.036871213
Percent_management_occupatio ns	Percentage of employed individuals in management, business, science, and arts occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.037340153	0.367879524	0.367196891	0.873710277	0.134999294	0.267725536	0.444195392
Percent_never_married	Percentage of residents age 15 years and older who were never married	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.148467967	0.360144226	0.321198644	0.972217275	0.131178237	0.26592142	0.436989149
Percent_No_Insurance	Percentage of residents without health insurance	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.082241837	0.063522846	0.350098836	0.059378162	0.041094626	0.115612849
Percent_now_married	Percentage of residents age 15 years and older who are now married	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.020480855	0.460673741	0.466000021	0.71184253	0.12164748	0.38344774	0.554347011
Percent_occupied_housing	Percentage of housing units that are occupied	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.246018671	0.889528194	0.905804922	1	0.092350558	0.877519092	0.942989385
Percent_owner_occupied	Percentage of housing units occupied by owners	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.580225699	0.617790119	0.975845411	0.239700702	0.387555649	0.76923459
Percent_owner_occupied_with_m ort	Percentage of owner-occupied units with mortgage, contract, or similar purchase debt	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.692956222	0.702512214	0.892376682	0.104135367	0.651456447	0.751943097
Percent_production_occupations	Percentage of employed individuals in production, transportation, and material moving occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.006704981	0.116228822	0.099334131	0.38488121	0.065659614	0.069158713	0.149993847
Percent_renter_occupied	Percentage of housing units occupied by renters	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.024154589	0.419774301	0.382209882	1	0.239700702	0.23076541	0.612444351
Percent_renter_occupied_with_uti	Percentage of renter occupied units with utilities included in	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.189210603	0.161180476	0.925925926	0.157265904	0.070239557	
Percent_sales_occupations	Percentage of employed individuals in sales and office occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.073049938	0.236674797	0.235146613	0.373972603	0.052669739		0.269457115

Variable	Description	Dataset	Geographic Unit	Level of Access	Location	Min	Mean	Median	Мах	StdDev	Q1	Q3
Percent_service_occupations	Percentage of employed individuals in service occupations	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.023937268	0.205244533	0.192980335	0.421366594	0.073805532	0.153262836	0.25397624
Percent_Some_College	Percentage of residents age 25 years and older whose highest education level is some college	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.02244898	0.182885678	0.18603327	0.334665905	0.04833547	0.154047764	0.21001078
Percent_Some_college_or_higher	Percentage of residents age 25 years and older who completed at least some college	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.182453688	0.592590239			0.153370889	0.493352996	0.69830973
Percent_speaking_English_only	Percentage of households speaking English only	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.21039604	0.761186501	0.834934955	0.962320278	0.18595388	0.686651153	0.89406262
Percent_speaking_Limited_Englis h	Percentage of households speaking limited English	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.055624316	0.023609747	0.416607523	0.077239019	0.00627973	0.07143361
Percent_speaking_Other_Languag e	Percentage of households speaking a language other than English or Spanish	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.017821782	0.124042	0.111837359	0.438915707	0.070399138	0.07504471	0.15739093
Percent_speaking_Spanish	Percentage of households speaking Spanish	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.114771499	0.046387552	0.678378378	0.160187933	0.019697887	0.11773359
Percent_speaking_Spanish_LE	Percentage of households speaking Spanish (with limited English)	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.033205151	0		0.062969127	0	0.03323773
Percent_unemployed	Percentage of individuals aged 16 years or older unemployed	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.003623188	0.07875717	0.071158719	0.224264706	0.04146166	0.049442256	0.098101184
Percent_units_coal_heating	Percentage of housing units using coal or coke as heating fuel	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.001117922	0	0.027689873	0.003675852	0	(
Percent_units_complete_kitchen	Percentage of housing units with complete kitchen services	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.832128514	0.975210074	0.983417673	1	0.025594581	0.961700228	0.995764269
Percent_units_complete_plumbin g	Percentage of housing units with complete plumbing services	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.919163369	0.987253931	0.99500277	1	0.017325376	0.97877193	1
Percent_units_electric_heating	Percentage of housing units using electricity as heating fuel	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.099570106	0.089572636	0.438993711	0.066034693	0.057394632	0.129931736
rl	Percentage of housing units whose current residents moved in before 1980	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.108878157	0.109661538	0.266946611	0.053625903	0.068882404	0.144663521
89	Percentage of housing units whose current residents moved in between 1980 and 1989	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.079476453	0.08052644	0.188545362	0.040963208	0.044649691	0.108486659
99	Percentage of housing units whose current residents moved in between 1990 and 1999	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.013232514	0.146485978	0.139040027	0.297945205	0.058342543	0.103853807	0.18670463
09	Percentage of housing units whose current residents moved in between 2000 and 2009	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.071833648	0.301035909	0.299277357	0.481858689	0.063424452	0.264267972	0.347846855
Percent_units_moved_in_2010_lat e	Percentage of housing units whose current residents moved in after 2009	Census	Census	Public	https://www.census.gov/data/data-tools.html	32	602.6583333	565.5	1520	290.4550749	391	781
Percent_units_no_car	Percentage of housing units with no car	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.103588138	0.06980636	0.517610063	0.094031119	0.038778394	0.141917265
Percent_units_oil_heating	Percentage of housing units using fuel oil or kerosene as heating fuel	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.013861386	0.309811149	0.263667855	0.837053571	0.201850296	0.157471914	0.41688532
Percent_units_solar_heating	Percentage of housing units using solar energy as heating food	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.000254287	0	0.009168704	0.001321751	0	(
Percent_units_tank_gas_heating	Percentage of housing units using bottled, tank, or LP gas as heating fuel	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.026404089		0.179966044	0.027191569	0.009475121	0.035829706
Percent_units_telephone_service	Percentage of housing units with telephone service available	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.896030246	0.978960772	0.981824165	1	0.017949448	0.970900958	0.993240658
Percent_units_utility_gas_heatin	Percentage of housing units using utility gas as heating fuel	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.537825481	0.613622221	0.873212583	0.232307521	0.404953242	0.71417501
Percent_units_wood_heating	Percentage of housing units using wood at heating fuel	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.016801312	0.005228	0.22655795	0.031670305	0	0.019289393
Percent_vacant_for_rent	Percentage of vacant housing units that are for rent	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.221944192	0.21140581	0.897058824	0.21474681	0	0.372713711
Percent_vacant_for_sale	Percentage of vacant housing units that are for sale	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.112214506	0.016005884	1	0.171689335	0	0.174053296
Percent_vacant_housing	Percentage of housing units that are vacant	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.110471806	0.094195078	0.753981329	0.092350558	0.057010615	0.122480908
Percent_vacant_rented_unoccupi ed	Percentage of vacant housing units that are rented but unoccupied	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.062772762	0	1	0.125675372	0	0.09301841
Percent_vacant_seasonal_use	Percentage of vacant housing units that are for seasonal, recreational, or occasional use	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.18873219	0	1	0.2772696	0	0.276897425
Percent_vacant_sold_unoccupied	Percentage of vacant housing units that are sold but unoccupied	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.026697809	0	1	0.095385721	0	
Percent_veteran	Percentage of individuals aged 18 years or older who are veterans	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.012797404	0.164092301	0.169765402	0.386313466	0.053067394	0.126807647	0.20493250
Percent_veteran_female	Percentage of veterans who are female	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.19138756	0.582201984	0.581008068	0.899099099	0.104510484	0.511838768	0.648577553
Percent_veteran_Gulf_1	Percentage of veterans who served in Gulf War (1990 to 2000)	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.129827985	0.118360915	0.580327869	0.106250848	0.046649396	0.188199736
Percent_veteran_Gulf_2	Percentage of veterans who served in Gulf War (2001 or later)	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.129875645	0.111766967	0.785276074	0.128372208	0.044741001	0.17418128
Percent_veteran_Korea	Percentage of veterans who served in the Korean War	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.126970379	0.104100521	0.565217391	0.100293218	0.0567296	0.181695547
Percent_veteran_male	Percentage of veterans who are male	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.100900901	0.417798016	0.418991933	0.80861244	0.104510484	0.351422447	0.488161233
Percent_veteran_Vietnam	Percentage of veterans who served in the Vietnam Era	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.334709815	0.339357748	0.705882353	0.134973449	0.241151698	0.432523009

Variable	Description	Dataset	Geographic Unit	Level of Access	Location	Min	Mean	Median	Max	StdDev	Q1	Q3
Percent_veteran_WWII	Percentage of veterans who served in World War II	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.078310867	0.063214954	0.431578947	0.076368682	0	0.11873246
Percent_White_NH	Percentage of residents who are White (non-Hispanic/Latino)	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.031342651	0.738682535	0.854683075	0.988498789	0.256491395	0.658864749	0.92685147
Percent_widowed	Percentage of residents age 15 years and older who are widowed	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.000890472	0.063110407	0.059460867	0.141350812	0.026983487	0.045501268	0.07894073
Percent_Work_Commute_Car	Percentage of workers who commute to work via car, truck, or van	Census	Census	Public	https://www.census.gov/data/data-tools.html	0.26125331	0.874383985	0.917805371	0.988062941	0.11962187	0.842065392	0.94908437
Percent_Work_Commute_Public	Percentage of workers who commute to work via public transportation	Census	Census	Public	https://www.census.gov/data/data-tools.html	0	0.028750702	0.018246883	0.195631529	0.030967157	0.007240858	0.03932390
RIPTA_park	RIPTA park & ride lots	RIGIS	Point	Public	http://www.rigis.org/	0	0.175	0	3	0.503751616	0)
RIPTA_stop	RIPTA bus stops	RIGIS	Point	Public	http://www.rigis.org/	0	20.8	16.5	306	24.86838998	7.5	2
Svi_Area_Sqmi	Social Vulnerability Index	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.1177356	4.302023506	1.1577448	57.4661001	8.57714512	0.4918333	3.2702281
Svi_E_Age17	Persons aged 17 and younger estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	47	885.025	831.5	2505	426.44085	575.5	116
Svi_E_Age65	Persons aged 65 and older estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	42	693.8208333	650	1761	353.4695533	407	933.
Svi_E_Crowd	At household level (occupied housing units), more people than rooms estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	27.98333333	16	174	35.68433979	0	
Svi_E_Daypop	Adjunct variable - Estimated daytime population, LandScan 2016	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	476	4404.329167	3294	36517	4120.094645	2114.5	510
Svi_E_Disabl	Civilian noninstitutionalized population with a disability estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	61	566.675	525.5	1268	245.2369928	389	
Svi_E_Groupq	Persons in institutionalized group quarters estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	175.6166667	19	5088	573.9285259	5	12
Svi_E_Hh	Households estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	217	1709.333333	1693.5	3348	610.3487285	1237	207
Svi_E_Hu	Housing units estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	243	1927.7375	1869.5	3812	673.3251481	1457.5	2322
Svi_E_Limeng	Persons (age 5+) who speak English "less than well" estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	187.8458333	61	2116	319.7085839	19	
Svi_E_Minrty	Minority (all persons except white, nonHispanic) estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	39	1142.554167	606.5	7562	1323.407333	316.5	1288.
Svi E Mobile	Mobile homes estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	19.52916667	0	406	54.29833118	0	,
Svi_E_Munit	Housing in structures with 10 or more units estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	226.175	147	1871	263.5445914	39.5	329.
Svi_E_Nohsdp	Persons (age 25+) with no high school diploma estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	3	393.9916667	308	2154	319.7470757	191.5	499.
Svi_E_Noveh	Households with no vehicle available estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	168.4666667	121	867	152.8386593	62	23
Svi_E_Pci	Per capita income estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	5355	31994.87917	31313.5	90921	12314.5096	23242.5	3921
Svi_E_Pov	Persons below poverty estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	28	584.0041667	420.5	2580	507.487564	223	812.
Svi_E_Sngpnt	Single parent household with children under 18 estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	166.7125	128	680	134.1197423	74	21
Svi_E_Totpop	Population estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	885	4393.7125	4353.5	8561	1536.43083	3179	551
Svi_E_Unemp	Civilian (age 16+) unemployed estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	6	181.6666667	158	773	116.2248818	99.5	22
Svi_E_Uninsur	Adjunct variable - Uninsured in the total civilian noninstitutionalized population estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	347.625	264	2125	304.3134275	168	39
Svi_Ep_Age17	Percentage of persons aged 17 and younger estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	1.4	19.90541667	19.7	35.1	5.993030456	16.9	22.8
Svi_Ep_Age65	Percentage of persons aged 65 and older estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.8	15.95541667	16	42.3	6.322978271	11.35	
Svi_Ep_Crowd	Percentage of occupied housing units with more people than rooms estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	1.720416667	0.9	9.5	2.039884686	0	
Svi_Ep_Disabl	Percentage of civilian noninstitutiona lized population with a disability estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	2.4	13.28875	13.15	34.7	4.047541547	10.8	
Svi_Ep_Groupq	Percentage of persons in institutionalized group quarters estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	3.79875	0.5	90.4	11.57409993	0.15	
Svi_Ep_Limeng	Percentage of persons (age 5+) who speak English "less than well" estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	4.522083333	1.5	34.7	6.659649606	0.5	
Svi_Ep_Minrty	Percentage minority (all persons except white, nonHispanic) estimate, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	1.2	26.13125	14.5	96.9	25.65029673	7.3	

Variable	Description	Dataset	Geographic Unit	Level of Access	Location	Min	Mean	Median	Max	StdDev	Q1	Q3
Svi_Ep_Mobile	Percentage of mobile homes estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.910416667	0	24.7	2.599327205	0	
	Percentage of housing in structures with 10 or more units	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download.	0	11.53333333	8	92.3	12.70780957	_	
Svi_Ep_Munit	estimate Percentage of persons with no high school diploma (age 25+)				html https://svi.cdc.gov/data-and-tools-download.						2.4	16
Svi_Ep_Nohsdp	estimate	2016 SVI	Census	Public	html	1	13.43041667	10	50.9	10.13645147	6.5	17.
Svi_Ep_Noveh	Percentage of households with no vehicle available estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	10.36291667	7	51.8	9.402122959	3.9	14
Svi_Ep_Pci	Per capita income estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	5355	31994.87917	31313.5	90921	12314.5096	23242.5	392
Svi_Ep_Pov	Percentage of persons below poverty estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.7	14.555	10.5	56.4	11.57415133	5.5	20
	Percentage of single parent households with children under 18	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	9.983333333	7.5	36.5	7.39542246		
Svi_Ep_Sngpnt	estimate, 2012- 2016 ACS	2016 SVI	Concurs	Public	https://svi.cdc.gov/data-and-tools-download.	0.4	7.874583333	7.1	22.4	4 1 45 9 4 2 7 9 2	4.8	13
Svi_Ep_Unemp	Percentage of civilian (age 16+) unemployed estimate		Census		html					4.145842783	4.9	9.8
Svi_Ep_Uninsur	Adjunct variable - Percentage uninsured in the total civilian noninstitutionalize d population estimate, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	8.224166667	6.35	35	5.939034702	4.1	11.5
Svi_Epl_Age17	Percentile percentage of persons aged 17 and younger estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.5	0.5	1	0.290484867	0.24895	0.7510
Svi_Epl_Age65	Percentile percentage of persons aged 65 and older estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.497681667	0.4979	1	0.290547356	0.24685	0.7510
SVI_EPI_Ageos	Percentile percentage of persons aged of and older estimate Percentile percentage households with more people than	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download.	0	0.461453333	0.5	1	0.338256053	0.24085	0.7510
Svi_Epl_Crowd	rooms estimate Percentile percentage of civilian noninstitutionalized				html https://svi.cdc.gov/data-and-tools-download.						0	0.7510
Svi_Epl_Disabl	population with a disability estimate	2016 SVI	Census	Public	html	0	0.495188333	0.5	1	0.290410718	0.2385	0.740
Svi_Epl_Groupg	Percentile percentage of persons in institutionalized group quarters estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.48640125	0.5	1	0.310397839	0.24895	0.7510
Svi_Epl_Limeng	Percentile percentage of persons (age 5+) who speak English "less than well" estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.495187917	0.5	1	0.298116863	0.24895	0.7510
	Percentile percentage minority (all persons except white, non -	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.5	0.5	1	0.290484867		
Svi_Epl_Minrty	Hispanic) estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download.	0	0.23373625	0	1	0.386603685	0.24895	0.7510
Svi_Epl_Mobile	Percentile percentage mobile homes estimate Percentile percentage housing in structures with 10 or more				html https://svi.cdc.gov/data-and-tools-download.						0	0.74
Svi_Epl_Munit	units estimate	2016 SVI	Census	Public	html	0	0.493409583	0.5	1	0.300746013	0.24895	0.7510
Svi_Epl_Nohsdp	Percentile Percentage of persons with no high school diploma (age 25+) estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.498027083	0.5	1	0.291119708	0.2469	0.7510
Svi_Epl_Noveh	Percentile percentage households with no vehicle available estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.49734625	0.4979	1	0.291798668	0.2427	0.7489
		2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download.	0	0.5000175	0.5	1	0.290509668		
Svi_Epl_Pci	Percentile per capita income estimate	2016 SVI	Census	Public	html https://svi.cdc.gov/data-and-tools-download.	0	0.4982775	0.4937	1	0.291308831	0.24895	0.7510
Svi_Epl_Pov	Percentile Percentage of persons below poverty estimate Percentile percentage of single parent households with				html https://svi.cdc.gov/data-and-tools-download.						0.2469	0.74
Svi_Epl_Sngpnt	children under 18 estimate	2016 SVI	Census	Public	html	0	0.5	0.5	1	0.290484867	0.24895	0.7510
Svi_Epl_Unemp	Percentile Percentage of civilian (age 16+) unemployed estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.496130833	0.4937	0.9958	0.291073113	0.2385	0.7510
	Flag - the percentage of persons aged 17 and younger is in the 90th percentile (1 = yes, 0 = no)	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.1	0	1	0.30062696	0	
Svi_F_Age17	Flag - the percentage of persons aged 65 and older is in the	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download.	0	0.1	0	1	0.30062696		
Svi_F_Age65	90th percentile (1 = yes, 0 = no) Flag - the percentage of crowded households is in the 90th				html https://svi.cdc.gov/data-and-tools-download.						0	
Svi_F_Crowd	percentile (1 = yes, 0 = no)	2016 SVI	Census	Public	html	0	0.1	0	1	0.30062696	0	
Svi_F_Disabl	Flag - the percentage of persons with a disability is in the 90th percentile (1 = yes, 0 = no)	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.095833333	0	1	0.294977719	0	
Svi_F_Groupq	Flag - the percentage of persons in institutionalized group quarters is in the 90th percentile (1 = yes, 0 = no)	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.1	0	1	0.30062696	0	
	Flag - the percentage those with limited English is in the 90th	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.1	0	1	0.30062696	0	
Svi_F_Limeng	percentile (1 = yes, 0 = no) Flag - the percentage of minority is in the 90th percentile (1 =	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download.	0	0.1	0	1	0.30062696	U	
Svi_F_Minrty	yes, 0 = no) Flag - the percentage of mobile homes is in the 90th percentile				html https://svi.cdc.gov/data-and-tools-download.						0	
Svi_F_Mobile	(1 = yes, 0 = no)	2016 SVI	Census	Public	html	0	0.1	0	1	0.30062696	0	
Svi F Munit	Flag - the percentage of households in multi-unit housing is in the 90th percentile (1 = yes, 0 = no)	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.1	0	1	0.30062696	0	

Variable	Description	Dataset	Geographic Unit	Level of Access	Location	Min	Mean	Median	Max	StdDev	Q1	Q3
Svi_F_Nohsdp	Flag - the percentage of persons with no high school diploma is in the 90th percentile $(1 = yes, 0 = no)$	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.1	0	1	0.30062696	0	
	Flag - the percentage of households with no vehicles is in the	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download.	0	0.1	0	1	0.30062696		
Svi_F_Noveh	90th percentile (1 = yes, 0 = no) Flag - per capita income is in the 90th percentile (1 = yes, 0 =	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download.	0	0.1	0	1	0.30062696	0	
Svi_F_Pci	no) Flag - the percentage of persons in poverty is in the 90th	2016 SVI	Census	Public	html https://svi.cdc.gov/data-and-tools-download.	0	0.1	0	1	0.30062696	0	
Svi_F_Pov	percentile (1 = yes, 0 = no) Flag - the percentage of single parent households is in the 90th				html https://svi.cdc.gov/data-and-tools-download.	0		-			0	
Svi_F_Sngpnt	percentile (1 = yes, 0 = no)	2016 SVI	Census	Public	html https://svi.cdc.gov/data-and-tools-download.	-	0.1	0	1	0.30062696	0	
Svi_F_Theme1	Sum of flags for Socioeconomic Status theme	2016 SVI	Census	Public	html https://svi.cdc.gov/data-and-tools-download.	0	0.4	0	4	0.927497195	0	
Svi_F_Theme2	Sum of flags for Household Composition theme	2016 SVI	Census	Public	html https://svi.cdc.gov/data-and-tools-download.	0	0.395833333	0	3	0.682708835	0	
Svi_F_Theme3	Sum of flags for Minority Status/Language theme	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. https://svi.cdc.gov/data-and-tools-download.	0	0.2	0	2	0.565389487	0	
Svi_F_Theme4	Sum of flags for Housing/Transportation theme	2016 SVI	Census	Public	html	0	0.5	0	4	0.77080624	0	
Svi_F_Total	Sum of flags for the four themes	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	1.495833333	1	10	2.288771786	0	
Svi_F_Unemp	Flag - the percentage of civilian unemployed is in the 90th percentile (1 = yes, 0 = no)	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.1	0	1	0.30062696	0	
Svi_Fips	Tract-level FIPS code	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	44001030100	44006162244	44007010751	44009051504	2073252.52	44005040750	440070151
Svi_M_Age17	Persons aged 17 and younger estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	18	176.7041667	159.5	580	88.57221709	114	22
Svi_M_Age65	Persons aged 65 and older estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	14	118.6791667	111	347	48.37459722	84.5	1:
Svi_M_Crowd	At household level (occupied housing units), more people than rooms estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	12.6	34.69291667	25.05	114.7	21.66891976	17	45.
Svi_M_Disabl	Civilian noninstitutionalized population with a disability estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	41	159.575	146	382	64.78547315		
Svi_M_Groupg	Persons in institutionalized group quarters estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	3	52.95833333	17	435	67.58282021	10	
Svi_M_Hh	Households estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	38	111.3041667	108	244	36.4859574	85.5	
Svi_M_Hu	Housing units estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	18	80.08333333	71	197	34.1004137	56	
	Persons (age 5+) who speak English "less than well" estimate	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download.	45.8	106.7820833	76.1	561.8	80.94075092		
Svi_M_Limeng	MOE, 2012-2016 ACS Minority (all persons except white, nonHispanic) estimate MOE,	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download.	87.1	472.49875	470.1	1020.1	161.1520908	55.9	
Svi_M_Minrty	2012-2016 ACS	2016 SVI	Census	Public	html https://svi.cdc.gov/data-and-tools-download.	6	22.05	12	157	20.67231893	359.85	561.4
Svi_M_Mobile	Mobile homes estimate MOE, 2012-2016 ACS Housing in structures with 10 or more units estimate MOE,				html https://svi.cdc.gov/data-and-tools-download.	-					12	1
Svi_M_Munit	2012-2016 ACS	2016 SVI	Census	Public	html https://svi.cdc.gov/data-and-tools-download.	14.4	76.55166667	67.9	218	50.89564676	34.7	102.0
Svi_M_Nohsdp	Persons (age 25+) with no high school diploma estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	html	5	134.25	118.5	523	74.04948588	89	16
Svi_M_Noveh	Households with no vehicle available estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	6	73.325	70	199	41.16975014	42	9
Svi_M_Pci	Per capita income estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	744	4395.9375	3691	14037	2422.56909	2767	516
Svi_M_Pov	Persons below poverty estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	20	242.0208333	207	930	153.6365174	128.5	320
Svi_M_Sngpnt	Single parent household with children under 18 estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	14.4	81.64208333	71.15	231.9	42.81504863	52.65	101
Svi_M_Totpop	Population estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	15	345.275	327.5	936	147.3736868		
Svi_M_Unemp	Civilian (age 16+) unemployed estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	8	92.07083333	83	328	47.80328396		
	Adjunct variable - Uninsured in the total civilian	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download.	12	162.1083333	136.5	605	100.8687615		
Svi_M_Uninsur	noninstitutionalized population estimate MOE, 2012-2016 ACS Percentage of persons aged 17 and younger estimate MOE,	2016 SVI	Census	Public	html https://svi.cdc.gov/data-and-tools-download.	0.6	3.82875	3.6	10.6	1.724293106	92	
Svi_Mp_Age17	2012-2016 ACS Percentage of persons aged 65 and older estimate MOE, 2012-				html https://svi.cdc.gov/data-and-tools-download.						2.45	4.9
Svi_Mp_Age65	2016 ACS Percentage of occupied housing units with more people than	2016 SVI	Census	Public	html https://svi.cdc.gov/data-and-tools-download.	0.4	2.869166667	2.7	7	1.001655185	2.3	3.3
Svi_Mp_Crowd	rooms estimate MOE	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.7	2.208333333	1.6	11.1	1.397851509	1.2	3

Variable	Description	Dataset	Geographic Unit	Level of Access	Location	Min	Mean	Median	Max	StdDev	Q1	Q3
Svi_Mp_Disabl	Percentage of civilian noninstitutiona lized population with a disability estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	1.2	3.762916667	3.6	10.1	1.155847347	3.1	4.4
Svi_Mp_Groupq	Percentage of persons in institutionalized group quarters estimate MOE, 2012- 2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.1	1.19375	0.5	10.2	1.548978102	0.2	1.
Svi_Mp_Limeng	Percentage of persons (age 5+) who speak English "less than well" estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.9	2.675	2.1	12.3	1.734163249	1.4	3.
Svi_Mp_Minrty	Percentage minority (all persons except white, nonHispanic) estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	2.5	10.64625	10.2	23.5	3.411080042	8.4	12.0
Svi_Mp_Mobile	Percentage of mobile homes estimate MOE	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.3	2.204583333	1.9	13.4	1.408528949	1.5	2.
Svi_Mp_Munit	Percentage of housing in structures with 10 or more units estimate MOE	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.4	3.974166667	4	13.3	2.215804616	2.2	5.
Svi_Mp_Nohsdp	Percentage of persons with no high school diploma (25+) estimate MOE	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.8	4.314166667	3.9	10.7	1.890354103	2.8	5.
Svi_Mp_Noveh	Percentage of households with no vehicle available estimate MOE	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.7	4.40875	4.05	16.5	2.285639748	2.7	5.
Svi_Mp_Pci	Per capita income estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	744	4395.9375	3691	14037	2422.56909	2767	516
Svi_Mp_Pov	Percentage of persons below poverty estimate MOE	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.5	5.701666667	5.45	19	3.148951697	3.1	7.6
Svi_Mp_Sngpnt	Percentage of single parent households with children under 18 estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	1.2	4.8925	4.4	23.9	2.358024224	3.3	6.0
Svi_Mp_Unemp	Percentage of civilian (age 16+) unemployed estimate MOE	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.6	3.96	3.7	14.1	1.718221324	2.8	4
Svi_Mp_Uninsur	Adjunct variable - Percentage uninsured in the total civilian noninstitutionalize d population estimate MOE, 2012-2016 ACS	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.8	3.765833333	3.4	20.8	2.150196871	2.3	4
Svi_Rpl_Theme1	Percentile ranking for Socioeconomic theme summary	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.49980875	0.5	1	0.29037647	0.24895	0.7510
Svi_Rpl_Theme2	Percentile ranking for Household Composition theme summary	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.49980875	0.5	1	0.290422348	0.24895	0.7510
Svi_Rpl_Theme3	Percentile ranking for Minority Status/Language theme	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.499493333	0.5	1	0.290417455	0.24895	0.7510
Svi_Rpl_Theme4	Percentile ranking for Housing/Transportation theme	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.499790417	0.5	1	0.290416632	0.24895	0.7510
Svi_Rpl_Themes	Overall percentile ranking	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0	0.4999825	0.5	1	0.290475501	0.24895	0.7510
Svi_Spl_Theme1	Sum of series for Socioeconomic theme	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.1841	1.992449583	1.87655	3.8703	0.999971142	1.1548	2.788
Svi_Spl_Theme2	Sum of series for Household Composition theme	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.0335	1.99286875	1.9916	3.1464	0.571394233	1.659	2.391
Svi_Spl_Theme3	Sum of series for Minority Status/Language theme	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.0084	0.995184583	0.92885	1.9916	0.559265474	0.5335	1.472
Svi_Spl_Theme4	Sum of series for Housing/Transportation theme	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	0.1339	2.172345417	2.1569	3.9916	0.808176318	1.6569	2.713
Svi_Spl_Themes	Sum of series themes	2016 SVI	Census	Public	https://svi.cdc.gov/data-and-tools-download. html	2.2594	7.152859583	6.81385	12.6527	2.306457813	5.5042	8.8849
Total_Deaths	-	CME	Point	Private	-	0	4.633333333	3.5	22	3.737032437	2	
Total_Population	Total population of census tract	Census	Census	Public	https://www.census.gov/data/data-tools.html	885	4393.7125	4353.5	8561	1536.43083	3179	551
VAR1		-	-	-	-	1	120.5	120.5	240	69.42621983	60.5	180.
VAR190		-	-	-	-	0	0.022419165	0.013160294	0.177790904	0.027523041	0.004530968	0.03023848
VAR92	-	-	-	-	-	0.062857143	0.254577774	0.25284459	0.513443192	0.079728651	0.20661976	0.29931957
Zip_Meth_Inj_2014to2016_weight		BHOLD	Zip	Public		0	16.55	13	105	13.89611788	7	2