

# 2019 Community Resilience Estimates Equity Supplement

## FILE LAYOUT

September 21st, 2021

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### FILES

The 2019 Community Resilience Estimates Equity Supplement or “CRE for Equity” consists of 4 data files in comma separated format that provide estimates for the nation, states, counties, and tracts. CRE, refers to the Community Resilience Estimates a new data product from the Census Bureau. The equity portion refers to data from the American Community Survey and the Census Planning Database that relate to equity.

The four data sets are subset by geographic level. Details about these files are provided in Table 1.

<b>Table 1. 2019 Community Resilience Estimates Equity Supplement Files</b>	
<b>Files</b>	<b>Description</b>
<b>CRE_for_Equity_19_National.csv</b>	This file contains estimates for the nation overall.
<b>CRE_for_Equity_19_State.csv</b>	This file contains estimates for each state and the District of Columbia.
<b>CRE_for_Equity_19_County.csv</b>	This file contains estimates for the 3,142 county and county equivalent geographic areas in the United States.
<b>CRE_for_Equity_19_Tract.csv</b>	This file contains estimates for the 73,056 census tracts from the 2010 Census in the United States.

## **FILE LAYOUT**

The CRE for Equity data files contain estimates for national, state, county, and tract geographies. The CRE data files contains geographic identifiers that include the applicable FIPS codes and the name of the geography. The data sets combine data from the 2019 Community Resilience Estimates, 2015-2019 American Community Survey 5-year estimates, and the 2021 Census Planning Database. Each unique geographic observation will have a single row of data. See Table 2 for a full list of variable names.

The CRE groups the population estimates into three categories: zero risk factors, one-two risk factors, and three plus risk factors. The data file includes the population estimate, estimate margin of error, percentage, and percentage margin of error. A flag denoting whether an estimate is statistically different has also been provided for each of the three categories for the CRE estimates. Data from the American Community Survey and the Census Planning Database has also been provided as part of this dataset. Whether the variable is an estimate, percentage, margin of error, or percentages margin of error has been denoted in the variable names.

The numeric population estimates are denoted by an “E” at the end of the variable name. The margin of error for these estimates have a “M”. The fields for percentages and the accompanying margin of error are denoted with “PE” and “PM”. Variable names that end in “F” note that they are a flag variable. These flag variables denote if an estimate is statistically different from the national average.

Details about each variable can be found in Table 2.

Information about the flag variables can be found in Table 3.

**Table 2. CRE for Equity Variable Description**

<b>Variable</b>	<b>Description</b>
<b>GEO_ID</b>	A geographic identifier which contains information on the type of geography and applicable FIPS codes
<b>STATE</b>	State FIPS code*
<b>COUNTY</b>	County FIPS code*
<b>TRACT</b>	Tract FIPS code*
<b>NAME</b>	Geographic Area Name
<b>GEO_LEVEL</b>	Geographic level*
<b>POPUNI</b>	Total population
<b>PRED0_E</b>	Estimated number of individuals with zero risk factors
<b>PRED0_M</b>	Estimated margin of error for individuals with zero risk factors
<b>PRED0_PE</b>	Percentage of individuals with zero risk factors
<b>PRED0_PM</b>	Percentage margin of error for individuals with zero risk factors
<b>PRED0_PF</b>	Flag denoting if the estimated percentage of individuals with zero risk factors is significantly different than the national rate.
<b>PRED12_E</b>	Estimated number of individuals with one-two risk factors
<b>PRED12_M</b>	Estimated margin of error for individuals with one-two risk factors
<b>PRED12_PE</b>	Percentage of individuals with one-two risk factors
<b>PRED12_PM</b>	Percentage margin of error for individuals with one-two risk factors
<b>PRED12_PF</b>	Flag denoting if the estimated percentage of individuals with one or two risk factors is significantly different than the national rate.
<b>PRED3_E</b>	Estimated number of individuals with three plus risk factors
<b>PRED3_M</b>	Estimated margin of error for individuals with three plus risk factors
<b>PRED3_PE</b>	Percentage of individuals with three plus risk factors
<b>PRED3_PM</b>	Percentage margin of error for individuals with three plus risk factors
<b>PRED3_PF</b>	Flag denoting if the estimated percentage of individuals with three plus risk factors is significantly different than the national rate.
<b>Total_Population_E</b>	Total Population
<b>Total_Population_M</b>	Margin of error for total population
<b>Housing_Units_E</b>	Estimated number of housing units.
<b>Housing_Units_M</b>	Margin of error for the estimated number of housing units.
<b>Hispanic_PE</b>	Hispanic or Latino population (%)
<b>Hispanic_PM</b>	Margin of Error for Hispanic or Latino population (%)
<b>Hispanic_PF</b>	Flag denoting if the estimated percentage of the population that is "Hispanic or Latino" is different than the national percentage.
<b>NH_White_alone_PE</b>	Not Hispanic or Latino, White alone population (%)
<b>NH_White_alone_PM</b>	Margin of Error for Not Hispanic or Latino, White alone population (%)

NH_White_alone_PF	Flag denoting if the estimated percentage of the population that is "Not Hispanic or Latino, White alone" is different than the national percentage.
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NH_Black_alone_PE	Not Hispanic or Latino, Black alone population (%)
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**Table 2. CRE for Equity Variable Description (Continued)**

<b>Variable</b>	<b>Description</b>
NH_Black_alone_PM	Margin of Error for Not Hispanic or Latino, Black alone population (%)
NH_Black_alone_PF	Flag denoting if the estimated percentage of the population that is "Not Hispanic or Latino, Black alone" is different than the national percentage.
NH_AIAN_alone_PE	Not Hispanic or Latino, American Indian and Alaska Native alone population (%)
NH_AIAN_alone_PM	Margin of Error for Not Hispanic or Latino, American Indian and Alaska Native alone population (%)
NH_AIAN_alone_PF	Flag denoting if the estimated percentage of the population that is "Not Hispanic or Latino, American Indian and Alaska Native alone" is different than the national percentage.
NH_Asian_alone_PE	Not Hispanic or Latino, Asian alone population (%)
NH_Asian_alone_PM	Margin of Error for Not Hispanic or Latino, Asian alone population (%)
NH_Asian_alone_PF	Flag denoting if the estimated percentage of the population that is "Not Hispanic or Latino, Asian alone" is different than the national percentage.
NH_NHPI_alone_PE	Not Hispanic or Latino, Native Hawaiian and Other Pacific Islander alone (%)
NH_NHPI_alone_PM	Margin of Error for Not Hispanic or Latino, Native Hawaiian and Other Pacific Islander alone (%)
NH_NHPI_alone_PF	Flag denoting if the estimated percentage of the population that is "Not Hispanic or Latino, Native Hawaiian and Other Pacific Islander alone (%)" is different than the national percentage.
NH_SOR_alone_PE	Not Hispanic or Latino, Some other race alone (%)
NH_SOR_alone_PM	Margin of Error for Not Hispanic or Latino, Some other race alone (%)
NH_SOR_alone_PF	Flag denoting if the estimated percentage of the population that is "Not Hispanic or Latino, Some other race alone (%)" is different than the national percentage.
NH_Two_or_More_PE	Not Hispanic or Latino, Two or More races (%)
NH_Two_or_More_PM	Margin of Error for Not Hispanic or Latino, Two or More races (%)

**Table 2. CRE for Equity Variable Description (Continued)**

<b>Variable</b>	<b>Description</b>
<b>NH_Two_or_More_PF</b>	Flag denoting if the estimated percentage of the population that is "Not Hispanic or Latino, Two or More races (%)" is different than the national percentage.
<b>Male_PE</b>	Percentage of the population that is male.
<b>Male_PM</b>	Margin of error for percentage of the population that is male.
<b>Male_PF</b>	Flag denoting if the estimated percentage of the population that is male is significantly different than the national estimate.
<b>Female_PE</b>	Percentage of the population that is female.
<b>Female_PM</b>	Margin of error for percentage of the population that is female.
<b>Female_PF</b>	Flag denoting if the estimated percentage of the population that is female is significantly different than the national estimate.
<b>civ_vet_PE</b>	Percentage of the population 18 years and over that are civilian veterans
<b>civ_vet_PM</b>	Margin of error for percentage of the population 18 years and over that are civilian veterans
<b>civ_vet_PF</b>	Flag denoting if the estimated percentage of the population 18 years and over that are civilian veterans is significantly different than the national estimate.
<b>GINI_IND_Inequality_E</b>	Gini Index of Income Inequality
<b>GINI_IND_Inequality_M</b>	Margin of error for Gini Index of Income Inequality.
<b>GINI_IND_Inequality_F</b>	Flag denoting if the estimated Gini Index of Income Inequality is significantly different than the national estimate.
<b>Rural_Pop_PE</b>	Percentage of the population living in a rural area during 2010 Census.
<b>Rural_Pop_PF</b>	Flag denoting if the percentage of the population that lives in a rural area in three different groups.
<b>Median_age_E</b>	Median age of the population.
<b>Median_age_M</b>	Margin of error for the median age of the population.
<b>Median_age_F</b>	Flag denoting if the median age of the population is significantly different than the national estimate.
<b>65_plus_PE</b>	Percentage of the population 65 years and over
<b>65_plus_PM</b>	Margin of error for the Percentage of the population 65 years and over
<b>65_plus_PF</b>	Flag denoting if the estimated percentage of the population 65 years and over is significantly different than the national estimate.
<b>Disabled_PE</b>	Percentage of civilian noninstitutionalized population with a disability.
<b>Disabled_PM</b>	Margin of error for percentage of civilian noninstitutionalized population with a disability.

**Table 2. CRE for Equity Variable Description (Continued)**

<b>Variable</b>	<b>Description</b>
<b>Disabled_PF</b>	Flag denoting if the estimated percentage of civilian noninstitutionalized population with a disability is significantly different than the national estimate.
<b>Blw_Pov_Lvl_PE</b>	Percentage of the population whose income in the past 12 months is below the poverty level.
<b>Blw_Pov_Lvl_PM</b>	Margin of error for percentage of the population whose income in the past 12 months is below the poverty level
<b>Blw_Pov_Lvl_PF</b>	Flag denoting if the population whose income in the past 12 months is below the poverty level is significantly different than the national estimate.
<b>Female_no_partner_w_child_PE</b>	Percentage of households with a female householder, no spouse/partner present, with own children of household under 18 years
<b>Female_no_partner_w_child_PM</b>	Margin of error for percentage of households with a female householder, no spouse/partner present, with own children of household under 18 years
<b>Female_no_partner_w_child_PF</b>	Flag denoting if the estimated Percentage of households with a female householder, no spouse/partner present, with own children of household under 18 years is significantly different than the national estimate.
<b>Male_no_partner_w_child_PE</b>	Percentage of households with a male householder, no spouse/partner present, with own children of household under 18 years
<b>Male_no_partner_w_child_PM</b>	Margin of error for percentage of households with a male householder, no spouse/partner present, with own children of household under 18 years
<b>Male_no_partner_w_child_PF</b>	Flag denoting if the estimated Percentage of households with a male householder, no spouse/partner present, with own children of household under 18 years is significantly different than the national estimate.
<b>crowd_occ_PE</b>	Percentage of occupied housing units with 1.51 occupants or more per room
<b>crowd_occ_PM</b>	Margin of error for percentage of occupied housing units with 1.51 occupants or more per room
<b>crowd_occ_PF</b>	Flag denoting if the estimated percentage of occupied housing units with 1.51 occupants or more per room is significantly different than the national estimate.
<b>HS_Grad_PE</b>	Percentage of population 25 and over that are a high school graduate or higher.
<b>HS_Grad_PM</b>	Margin or error for percentage of population 25 and over that are a high school graduate or higher.

<b>Table 2. CRE for Equity Variable Description (Continued)</b>	
<b>Variable</b>	<b>Description</b>
<b>HS_Grad_PF</b>	Flag denoting if the estimated percentage of population 25 and over that are a high school graduate or higher is significantly different than the national estimate.
<b>ENG_LVW_PE</b>	Percentage of the population 5 years and over that speaks a language other than English and speak English less than "very well".
<b>ENG_LVW_PM</b>	Margin of error for percentage of the population 5 years and over that speaks a language other than English and speak English less than "very well".
<b>ENG_LVW_PF</b>	Flag denoting if the estimated percentage of the population 5 years and over that speaks a language other than English and speak English less than "very well" is significantly different than the national estimate.
<b>WRK_FT_YR_PE</b>	Percentage of the population 16 to 64 years who worked full-time, year-round. Full-time year-round workers are defined as all people 16 years old and over who usually worked 35 hours or more per week for 50 to 52 weeks in the past 12 months
<b>WRK_FT_YR_PM</b>	Margin of error for the percentage of the population 16 to 64 years who worked full-time, year-round.
<b>WRK_FT_YR_PF</b>	Flag denoting if the estimated percentage of the population 16 to 64 years who worked full-time, year-round is significantly different than the national estimate.
<b>No_Health_Ins_PE</b>	Percentage of civilian noninstitutionalized population with no health insurance coverage.
<b>No_Health_Ins_PM</b>	Margin of error for percentage of civilian noninstitutionalized population with no health insurance coverage.
<b>No_Health_Ins_PF</b>	Flag denoting if the estimated percentage of civilian noninstitutionalized population with no health insurance coverage is significantly different than the national estimate.
<b>Broadband_PE</b>	Percentage of households with a broadband Internet subscription.
<b>Broadband_PM</b>	Margin of error for percentage of households with a broadband Internet subscription.
<b>Broadband_PF</b>	Flag denoting if the estimated percentage of households with a broadband Internet subscription is significantly different than the national estimate.
<b>No_Veh_PE</b>	Percentage of occupied housing units with no vehicles available.
<b>No_Veh_PM</b>	Margin of error for percentage of occupied housing units with no vehicles available.

**Table 2. CRE for Equity Variable Description (Continued)**

Variable	Description
No_Veh_PF	Flag denoting if the estimated percentage of occupied housing units with no vehicles available is significantly different than the national estimate.
HO_Vac_PE	Homeowner vacancy rate
HO_Vac_PM	Margin of error for the homeowner vacancy rate
HO_Vac_PF	Flag denoting if the estimated homeowner vacancy rate is significantly different than the national estimate.
Rent_Vac_PE	Rental vacancy rate
Rent_Vac_PM	Margin of error for the rental vacancy rate
Rent_Vac_PF	Flag denoting if the estimated rental vacancy rate is significantly different than the national estimate.

Note: Margin of errors and flag variables are calculated at the 90 percent confidence level. Descriptions with asterisks denote that the field is only provided on applicable files.

Table 3. Flag Variable Values	
Value	Description
1	Estimate is higher than the national estimate and is statistically different.
0	Estimate is not statistically different than the national estimate
-1	Estimate is lower than the national estimate and is statistically different.
-999	Cannot calculate difference because estimate or margin of error is suppressed.

As mentioned in Table 3, some estimates are not available from the American Community Survey because some estimates are suppressed or controlled. When this occurs, the variable field is filled with a “Annotation values” which denotes why an estimate is not available. Information and definitions for “Annotation values” can be found in Table 4. Additional information can be found on the Census Bureau’s [website](#). For more information on sampling and estimation methods, confidentiality protection, and sampling and nonsampling errors in the ACS, visit <https://www.census.gov/programs-surveys/acs/technical-documentation/code-lists.html>



**Table 4. CRE+ Equity Annotation Value Meanings**

<b>Variable</b>	<b>Description</b>
-999999999	The estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
-888888888	The estimate is not applicable or not available.
-666666666	The estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
-555555555	The margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
-333333333	The margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
-222222222	The margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.

## **ADDITIONAL INFORMATION**

### **Community Resilience Estimates Website**

[census.gov/programs-surveys/community-resilience-estimates.html](https://www.census.gov/programs-surveys/community-resilience-estimates.html)

### **Community Resilience Estimates Technical Documentation**

[census.gov/programs-surveys/community-resilience-estimates/technical-documentation.html](https://www.census.gov/programs-surveys/community-resilience-estimates/technical-documentation.html)

### **American Community Survey Website**

[census.gov/programs-surveys/acs/](https://www.census.gov/programs-surveys/acs/)

### **Census Planning Database Website**

[census.gov/topics/research/guidance/planning-databases.html](https://www.census.gov/topics/research/guidance/planning-databases.html)

### **Community Resilience Estimates Email**

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