

Moving Starter Kite Flat File:: Demographics, Employment, Education, Income, Infrastructure, Retirement, and Crime Variables

Note – The column lengths will be added for Milestone #2.

Metro_area

Variable Type: String (Raw)

Description: Combined column with metropolitan and micropolitan area names, state codes, and metro/micro designation. Used as key for the 2021 American Community Survey information (race, total population, median age, mean income, employment rate, graduation rates, and internet usage).

Metro_short

Variable Type: String (Raw)

Description: Combined column with metropolitan and micropolitan area names and state codes. Used as key for state name and state code, anchor city and population, and the number of airports through the Metro/Micro cross-reference table.

State

Variable Type: String (Raw)

Description: State name from the Metro/Micro cross-reference table using metro_short as the key. Used as a key for anchor city and population, number of airports, state income tax, retirement ranking, affordability, quality of life, education ranking and quality, and violent and property crime.

State_code

Variable Type: String (Raw)

Description: State code from the Metro/Micro cross-reference table using metro_short as the key.

Total_population

Variable Type: Integer (Raw)

Description: Total population of a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

Anchor_city

Variable Type: String (Raw)

Description: The city within the metro/micro area with the largest population using the Metro/Micro cross-reference table. Used as a key for violent and property crime.

Anchor_population

Variable Type: Integer (Raw)

Description: Population of the anchor_city

Median_age

Variable Type: Integer (Raw)

Description: Median age of a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

Male_pct

Variable Type: Decimal (Raw)

Description: Percentage of men in a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

Female_pct

Variable Type: Decimal (Raw)

Description: Percentage of women in a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

White_pct

Variable Type: Decimal (Raw)

Description: Percentage of people who are white in a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

Black_pct

Variable Type: Integer (Raw)

Description: Percentage of people who are black in a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

Asian_pct

Variable Type: Decimal (Raw)

Description: Percentage of people who are of Asian descent in a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

Latino_pct

Variable Type: Decimal (Raw)

Description: Percentage of people who are of Latino descent in a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

American_indian_alaska_native_pct

Variable Type: Decimal (Raw)

Description: Percentage of people who are American Indian or Alaskan Native in a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

Pacific_islander_pct

Variable Type: Decimal (Raw)

Description: Percentage of people who are of Pacific Islander descent in a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

Mean_income

Variable Type: Integer (Raw)

Description: Adjusted mean income of a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

High_school_grad_rate

Variable Type: Decimal (Raw)

Description: High school graduation rate by metro/micro area based on the 2021 American Community Survey information using metro_area as the key

College_degree_pct

Variable Type: Decimal (Raw)

Description: Percentage of people enrolled in a college or university that graduate in a metro/micro area based on the 2021 American Community Survey information using metro_area as the key

Education_rank_state

Variable Type: Integer (Raw)

Description: The overall education system is ranked nationwide by state using the state name as the key.

Education_quality_rank_state

Variable Type: Integer (Raw)

Description: The nationwide ranking for the quality of education is by state, using the state name as the key.

Airports

Variable Type: Integer (Raw)

Description: Total number of airports for a metro area using the Metro/Micro cross-reference table to match the city containing an airport with the metro_short column.

Income_tax_rate_low

Variable Type: Decimal (Raw)

Description: The lowest income tax rate for a state using the state name as the key.

Income_tax_rate_high

Variable Type: Decimal (Raw)

Description: The highest income tax rate for a state using the state name as the key.

State_retirement_ranking

Variable Type: Integer (Raw)

Description: The overall nationwide ranking as a state to retire using the state name as the key.

Retire_affordability

Variable Type: Integer (Raw)

Description: Nationwide ranking of retirement affordability by state using the state name as the key.

Retire_quality_of_life

Variable Type: Integer (Raw)

Description: Nationwide ranking of quality of life in retirement by state using the state name as the key.

Retire_health_care

Variable Type: Integer (Raw)

Description: Nationwide ranking of health care during retirement by state using the state name as the key.

Homes_with_internet_pct

Variable Type: Decimal (Raw)

Description: Percentage of homes in a metro/micro area with internet based on the 2021 American Community Survey information using metro_area as the key

Homes_without_internet_pct

Variable Type: Decimal (Raw)

Description: Percentage of homes in a metro/micro area without internet based on the 2021 American Community Survey information using metro_area as the key

Violent_crime_2019

Variable Type: Integer (Raw)

Description: Number of violent crimes in 2019 by city and state from the FBI crime statistics using the state name and anchor_city as the key.

Property_crime_2019

Variable Type: Integer (Raw)

Description: Number of property crimes in 2019 by city and state from the FBI crime statistics using the state name and anchor_city as the key.

Data Sources

DP05: ACS DEMOGRAPHIC AND HOUSING ESTIMATES

U.S. Census Bureau, 2021 American Community Survey 1-Year Estimates Retrieved April 2, 2023, from [https://data.census.gov/table?q=United+States+demographics&g=010XX00US,\\$31000M1&tid=ACSDP1Y2021.DP05&tp=true](https://data.census.gov/table?q=United+States+demographics&g=010XX00US,$31000M1&tid=ACSDP1Y2021.DP05&tp=true)

S1902: MEAN INCOME IN THE PAST 12 MONTHS (IN 2021 INFLATION-ADJUSTED DOLLARS)

U.S. Census Bureau, 2021 American Community Survey 1-Year Estimates Retrieved April 2, 2023, from <https://data.census.gov/table?q=income&tid=ACSST1Y2021.S1902&moe=false&tp=true>

S2301: EMPLOYMENT STATUS

U.S. Census Bureau, 2021 American Community Survey 1-Year Estimates Retrieved April 2, 2023, from [https://data.census.gov/table?q=employment+acs&g=010XX00US\\$3100000&tid=ACSST1Y2021.S2301&moe=false&tp=true](https://data.census.gov/table?q=employment+acs&g=010XX00US$3100000&tid=ACSST1Y2021.S2301&moe=false&tp=true)

S2801: TYPES OF COMPUTERS AND INTERNET SUBSCRIPTIONS

U.S. Census Bureau, 2021 American Community Survey 1-Year Estimates Retrieved April 2, 2023, from [https://data.census.gov/table?q=internet&g=010XX00US\\$3100000&tid=ACSST1Y2021.S2801&moe=false&tp=true](https://data.census.gov/table?q=internet&g=010XX00US$3100000&tid=ACSST1Y2021.S2801&moe=false&tp=true)

City and Town Population Totals: 2010-2019

U.S. Census Bureau, 2021 Retrieved March 28, 2023, from <https://www.census.gov/data/tables/time-series/demo/popest/2010s-total-cities-and-towns.html#ds>

Income Tax Rates By State

Tax-Rates.org — The 2022-2023 Tax Resource Retrieved March 31, 2023, from
<https://www.tax-rates.org/taxtables/income-tax-by-state>

United States Airports, by Name

Airport Codes Retrieved March 31, 2023, from
<https://www.airportcodes.us/us-airports-by-name.htm>

Offenses Known to Law Enforcement by State by City, 2019

FBI - Federal Bureau of Investigation, 2019 Crime in the United States Retrieved April 7, 2023, from
<https://ucr.fbi.gov/crime-in-the-u.s/2019/crime-in-the-u.s.-2019/topic-pages/tables/table-8/table-8.xls/view>

Most Educated States

McCann, Adam (February 13, 2023) *2023's Most & Least Educated States in America*
<https://wallethub.com/edu/e/most-educated-states/31075>

Best & Worst States to Retire

McCann, Adam (January 23, 2023) *2023's Best States to Retire*
<https://wallethub.com/edu/best-and-worst-states-to-retire/18592>

Cross Reference Table – Joined together by FIPS Codes.

PRINCIPAL CITIES OF METROPOLITAN AND MICROPOLITAN STATISTICAL AREAS, MARCH 2020 – 1270 Rows

U.S. Census Bureau, 2021 Retrieved April 1, 2023, from
<https://www.census.gov/geographies/reference-files/time-series/demo/metro-micro/delineation-files.html>

American National Standards Institute (ANSI) and Federal Information Processing Series (FIPS) Codes

U.S. Census Bureau, Retrieved April 7, 2023, from
<https://www.census.gov/library/reference/code-lists/ansi.html#state>