



LMI

*Labor Market
Information Division*

LABOR FORCE
**PARTICIPATION RATE
DASHBOARD**
METHODOLOGY



US Data:

- Derived from the Current Population Survey on the Bureau of Labor Statistics (updated monthly).
- Civilian noninstitutional population is the only characteristic that is not seasonally adjusted (no option for seasonally adjusted civilian noninstitutional population).

South Carolina Data:

- Derived from Local Area Unemployment Statistics on the Bureau of Labor Statistics (updated monthly).
- Civilian noninstitutional population is the only characteristic that is not seasonally adjusted (no option for seasonally adjusted civilian noninstitutional population).

South Carolina County and Cities over 25,000 Data:

- Labor Force Statistics derived from the Workforce Information Database. Labor force statistics include Civilian Labor Force, Employed, Unemployed, Unemployment Rate (updated monthly), but not the Labor Force Participation Rate.
- Since the Labor Force Participation Rate does not exist at the county level, the methodology below describes how we can acquire the Labor Force Participation Rate for each County by month and year.
- The civilian noninstitutionalized population for each county in South Carolina is derived from the American Community Survey (ACS) 5-Year estimate on S1810 | Disability Characteristics.
- We utilize the civilian noninstitutionalized population from this survey to serve as a midpoint population within a 5-year span. Our dataset contains records dating back to January 2008, containing 3 midpoints:

- 2021 (ACS) 5-Year estimate (2017-2021): midpoint July 2019 for each county/city

- 2016 (ACS) 5-Year estimate (2013-2016): midpoint July 2014 for each county/city

- 2012 (ACS) 5-Year estimate (2008-2012): midpoint July 2009 for each county/city

- Civilian noninstitutional population for months/years of the counties/cities between midpoints (within the 5-year span) are calculated by interpolation by month and year for each county. Civilian noninstitutional population for months/years of the counties/cities before and after the first and last midpoints are calculated by extrapolating adjacent trends by month and year for each county.

Adjusting the County Civilian Noninstitutional Population to the State of South Carolina:

- To adjust the data to South Carolina's civilian noninstitutional population, we derive a ratio by taking the sum of South Carolina's civilian noninstitutionalized population per month/year and divide this by the county's civilian noninstitutionalized population per month/year.
- This ratio is then multiplied to the civilian noninstitutionalized population of each county to adjust them to the state level.
- With our newly adjusted civilian noninstitutional population for counties, we can obtain the Labor Force Participation Rate by dividing the county's labor force population by the adjusted civilian noninstitutional population (relative to its month/year).
- For cities, we take the labor force and divide it by the unadjusted civilian noninstitutional population (relative to its month/year).