Documentation: SAE Tables Downloaded for State and Metro Analysis

Purpose:

To enhance the regional layer of my employment analysis, I downloaded key tables from the **State and Metro Area Employment, Hours, & Earnings (SAE)** program. These tables provide monthly employment data across states, metropolitan areas, and industry sectors. They support both seasonally adjusted and raw comparisons, enabling detailed geographic and sectoral insights.

Tables Downloaded (XLSX/PDF Formats)

- ◆ **Metro-Level**

  - **Table 2**: Employees on nonfarm payrolls by state, selected metropolitan areas, and metropolitan divisions
    Used for metro-level employment comparisons across geographic regions and urban labor markets.

- ◆ **State-Level**

  - **Table 3 (Seasonally Adjusted)**: Employees on nonfarm payrolls by state and selected industry sector
    Used for clean comparisons across states and industries, removing seasonal fluctuations.

  - **Table 4 (Not Seasonally Adjusted)**: Employees on nonfarm payrolls by state and selected industry sector
    Used for raw employment counts and calculating over-the-month or over-the-year changes.

Rationale

- Table 2 adds metro-level granularity, supporting urban labor market analysis and regional targeting.

- Table 3 provides seasonally adjusted employment data, ideal for trend analysis and policy modeling.

- Table 4 offers raw counts for direct comparisons and change calculations, useful for economic storytelling and benchmarking.

Data Source: [Databases, Tables & Calculators by Subject](#)