EMSI Analyst Tips

To serve your region well, you have to know it well. Analyst empowers your partnership with actionable economic insights to help them work smarter. The data in Analyst details industries, occupations, programs, demographics, skills, and businesses—all in one place. Through the IHUM grant, each college has access to licenses for analyst: https://economicmodeling.com/analyst

Sign in with your username/password

Find top industries in the region:

Research Industries Box

- Industry Table (click)
    - *Select Industries*
        - All Available button (click)
    - *Select a Region*
        - Type in/select your county(ies) or your predefined region (if you have one)
    - *Select the data you would like to display*
        - Custom Data Selection
            - NAICS
            - Description
            - Jobs Start Year
            - Jobs End Year
            - Jobs Change
            - % Jobs Change
            - 2015 Establishments
            - Current Total Earnings (Average Salary)
    - *Run* (click green button)

Filters to apply prior to export:

On the left side of the screen there will be filters available for selection. Be sure that "**All Industries**" are available. The "**Counties**" should list those that you had identified in the initial choice for geography. Change **"Timeframe"** to 2015 to 2025. **"Class of Worker"** should include QCEW Employees, Non-QCEW Employees, and Self-Employed to gain the most data related to the industries.

At the top of the page there are drop-down boxes that assist in aggregation and filtering within the table as well. Click on the drop-down that defaults to "6-digit" and change it to **"4-digit"** in order to gain the most information for the overall industry. Note: leaving the selection at 6-digit occasionally will eliminate data on some industries due to suppression rules.

- *Export* data (click on green "Export" button at the top, right hand side of the page. Export to: Excel

An Excel spreadsheet will pop-up with the exported data table. Tabs include:

- o Cover Page (Date of extract, source, age of data)
- o Parameters (Region, Timeframe, Datarun inclusion)
- o Industries (Listing of all the industries and criteria selected)
- o Appendix A (List of counties included in the regional selection)

- *Save* this spreadsheet as "Industries Growth"

Find the Supply Chain for the selected industry in the region:

The Input-Output Model Box

- Industry Supply Chain(click)
  - o *Select an Industry*
    - Type in the industry
  - o *Select a Region*
    - Type in/select your county(ies) or your predefined region (if you have one)
  - o *Run* (click green button))

Filters to apply prior to export:

On the left side of the screen there will be filters available for selection. Be sure that "**Industry**" represents the industry you are analyzing. The "**Counties**" should list those that you had identified in the initial choice for geography. Change **"Input-Output Year"** to 2014.

At the top of the page there are drop-down boxes that assist in aggregation and filtering within the table as well. Click on the drop-down that defaults to "6-digit" and change it to **"4-digit"** in order to gain the most information for the industry. Note: leaving the selection at 6-digit occasionally will eliminate data on some industries due to suppression rules.

- o *Export* data (click on green "Export" button at the top, right hand side of the page.
  Export to: Excel
- o *Run* (click green button)

An Excel spreadsheet will pop-up with the exported data table. Tabs include:

- o Cover Page (Date of extract, source, age of data)
- o Parameters (Region, Timeframe, Datarun inclusion)
- o Industry Requirements (Listing of all the industries and criteria selected)
- o Appendix A (List of counties included in the regional selection)

- *Save* this spreadsheet as "Supply Chain"

Find the Staffing Patterns (Occupations) for the selected industry in the region:

Research Industries Box

- Staffing Patterns (scroll to the bottom to locate - click)
    - *Select an Industry*
        - Type in the industry
    - *Select a Region*
        - Type in/select your county(ies) or your predefined region (if you have one)
    - *Run* (click green button)
    - *Export* data (click on green "Export" button at the top, right hand side of the page. Export to: Excel
    - *Run* (click green button)

An Excel spreadsheet will pop-up with the exported data table. Tabs include:

- Cover Page (Date of extract, source, age of data)
- Parameters (Region, Timeframe, Datarun inclusion)
- Occupations (Listing of all the occupations relative to the industry selected)
- Appendix A (List of counties included in the regional selection)

- *Save* this spreadsheet as "Staffing Patterns_(selected industry)"

Find the Industries with similar Occupations for the selected industry in the region:

Occupations Box

- Inverse Staffing Patterns (scroll to the bottom to locate - click)
    - *Select an Occupation*
        - Type in the selected occupation (click)
    - *Select a Region*
        - Type in/select your county(ies) or your predefined region (if you have one)
    - *Run* (click green button)

Filters to apply prior to export:

On the left side of the screen there will be filters available for selection. Be sure that "**All Industries**" are available. The "**Counties**" should list those that you had identified in the initial choice for geography. Change **"Timeframe"** to 2015 to 2025. **"Class of Worker"** should include QCEW Employees, Non-QCEW Employees, and Self-Employed to gain the most data related to the industries.

At the top of the page there are drop-down boxes that assist in aggregation and filtering within the table as well. Click on the drop-down that defaults to "6-digit" and change it to **"4-digit"** in order to gain the most information for the industry. Note: leaving the selection at 6-digit occasionally will eliminate data on some industries due to suppression rules.

- o *Export* data (click on green "Export" button at the top, right hand side of the page. Export to: Excel
- o *Run* (click green button)

An Excel spreadsheet will pop-up with the exported data table. Tabs include:

- o Cover Page (Date of extract, source, age of data)
- o Parameters (Region, Timeframe, Datarun inclusion)
- o Inverse Staffing Patterns (Listing of all the industries related to the occupation selected)
- o Appendix A (List of counties included in the regional selection)

- *Save* this spreadsheet as "Related Industries_(selected occupation code)"