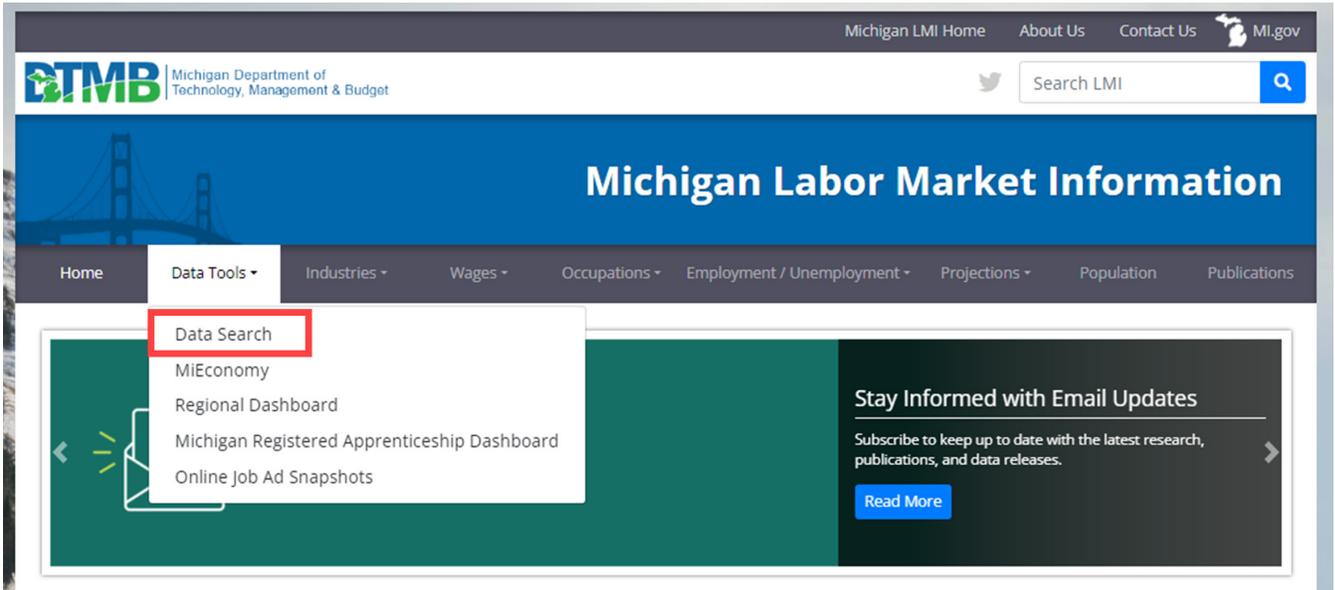


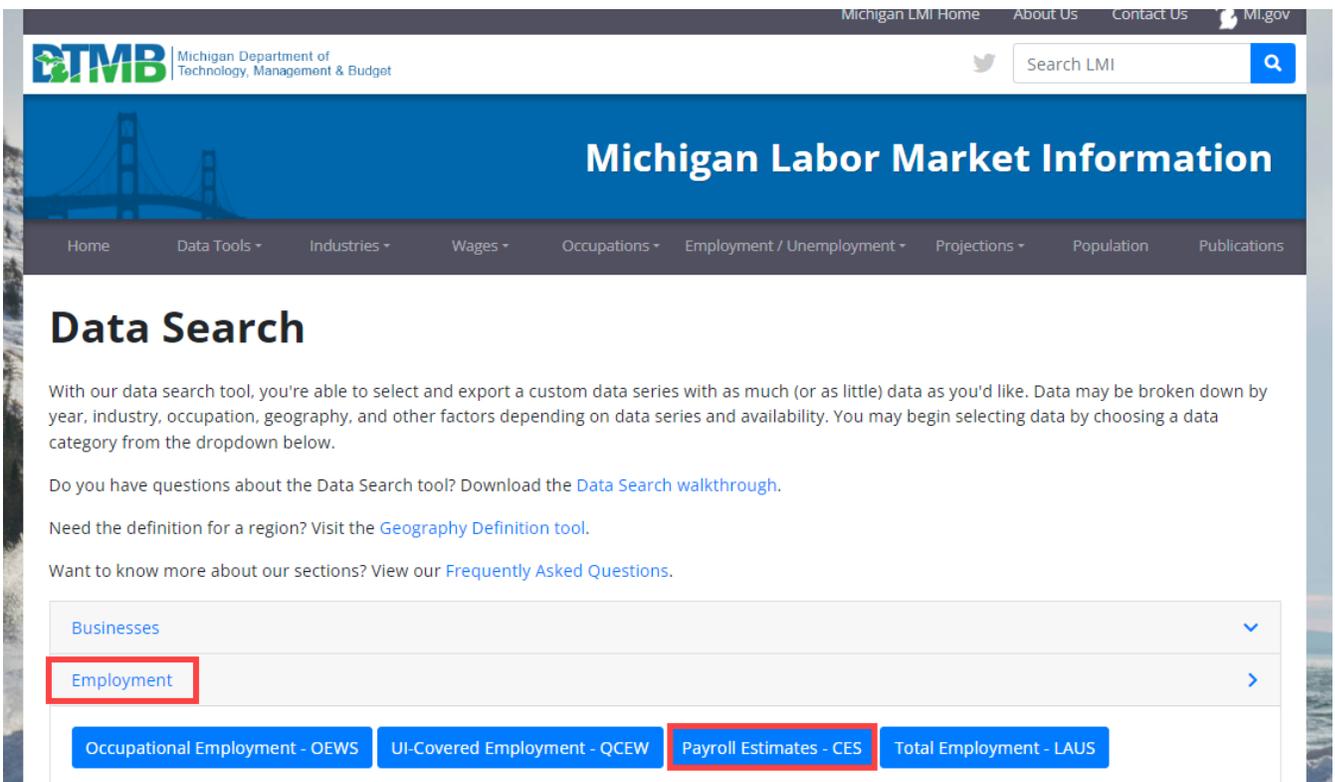
HOW TO USE THE DATA SEARCH TOOL

MICHIGAN CENTER FOR DATA AND ANALYTICS

- 1 The Data Search tool ribbon is located at the top of the <https://milmi.org/> homepage. Click on the “data tools” button and select “data search” from the drop down menu.



- 2 Next, 12 data search options are available to choose from. When one is selected, more options will appear. Select the option that best fits your data search. (Example: *Employment-Payroll Estimates-CES*)



3 The search tool will automatically default to state of Michigan results for the most recent data. At the top of the results there are a series of filters to customize your request. It is best to start with the filter that is furthest to the left and work your way to the right to maximize your search options and prevent capturing unwanted preselected choices.

The data will update as you make selections within the filters. If you would like the tool to hold off on updating the data until you have adjusted all of the filters, you can select the “pause” button before you begin to make your selections or at any point as you adjust filters. Just remember to click the “pause” button again when you are ready for the tool to complete the search.

The “refresh data” button (located next to the “pause” button) selects all the data chronologically.

4 SORTING YOUR RESULTS

The tool will sort differently within data header columns and the data columns. To find out which are the header columns and which are the data columns, hover over the column label and an icon will appear next to the column name that shows three lines with an arrow pointing up or down. Click on the icon to change the sort direction. Data columns will not show this icon when hovering over the heading.

Sorting with the heading columns will sort the information within the previous headings. In this case industry would be sorted by *Area*, *Period*, then *Industry*. Make sure that you check your data selections, then click the “apply” button. This must be done every time you make a selection from a drop-down field. For example, if the *Metropolitan Divisions* and *State* are selected as the “area type,” then *Metropolitan Divisions*, and *State* are chosen as the “area,” then *2022* and *2021* as the “year,” the results of your new search will be added to the existing columns by area for the metropolitan divisions and state, and by years 2022 and 2021, but you will see all the current year data first, as shown below.

Area	Year	Period	Industry	Adjustment	Employed	Production Workers Hours Worked	Production Workers Weekly Earnings	Production Workers Hourly Earnings	All Employees Weekly Average Hours	All Employees Weekly Average Earnings	All Employees Hourly Average Earnings
Michigan	2022	August	00000000 - Total nonfarm	Not Adj	4,368,200						
Michigan	2022	August	05000000 - Total private	Not Adj	3,815,500				34.7	\$1,044.47	\$30.10

Remember that a data column will not show an icon when hovering over it. To sort within the data columns, it is necessary to click on the sort button next to the column's label. Afterward, your selection will be in ascending or descending order.

State	Area Type	Area	Year	Period Type	Period	Industry Level	Industry	Adjustment	Employed	Production Workers Hours Worked	Production Workers Weekly Earnings	Production Workers Hourly Earnings	All Employees Weekly Average Hours	All Employees Weekly Average Earnings	All Employees Hourly Average Earnings
Michigan	(Multiple val...)	(All)	(Multiple val...)	(All)	(All)	(All)	(All)	Not Adj							
Michigan			2022	August		90936112 - Local government Junior Colleges		Not Adj	14,400						
Michigan			2022	August		90936111 - Local government Elementary and Secondary Scho...		Not Adj							

5 DOWNLOADING YOUR RESULTS

At the top right of the tool, next to the share button, there is a download option. To download data, click the download button and select the third option, "crosstab." You can then choose to download an Excel file format or a .csv file.

To Download Table Data Click on the Table then Select Download.

Current Employment Statistics - CES
Last 10 years

State	Area Type	Area	Year	Period Type	Period	Industry Level	Industry	Adjustment	Employed	Production Workers Hours Worked	Production Workers Weekly Earnings	Production Workers Hourly Earnings	All Employees Weekly Average Hours	All Employees Weekly Average Earnings	All Employees Hourly Average Earnings
Michigan	(All)	(All)	2021	(All)	Annual	(All)	(All)	Not Adj							
Michigan			2021	Annual		00000000 - Total nonfarm		Not Adj	4,193,500						
Michigan			2021	Annual		05000000 - Total private		Not Adj							
Michigan			2021	Annual		06000000 - Goods-producing		Not Adj	766,800				40.2	\$1,223.29	\$30.43

Area	Year	Period	Industry	Adjustment	Employed	Production Workers Hours Worked	Production Workers Weekly Earnings	Production Workers Hourly Earnings	All Employees Weekly Average Hours	All Employees Weekly Average Earnings	All Employees Hourly Average Earnings	
Michigan	2022	September	00000000 - Total nonfarm	Not Adj	4,381,700							
Michigan	2022	September	00000000 - Total nonfarm	Not Adj								
Michigan	2022	September	05000000 - Total private	Not Adj					34.7	\$1,057.31	\$30.47	
Michigan	2022	September	05000000 - Total private	Not Adj								
Michigan	2022	September	10000000 - Manufacturing	Not Adj								
Michigan	2022	September	10000000 - Manufacturing	Not Adj								
Michigan	2022	September	15000000 - Manufacturing Construction	Not Adj								
Michigan	2022	September	15000000 - Manufacturing Construction	Not Adj								
Michigan	2022	September	20000000 - Construction	Not Adj					96	39.3	\$1,329.91	\$33.84
Michigan	2022	September	20000000 - Construction	Seas. Adj	180,800							

Download Crosstab

Select a sheet from this dashboard

Current Empl... Reset

Select Format

Excel CSV

Download

QUESTIONS? Visit <https://milmi.org/contact>