

North Dakota

LEGENDARY

Economic Development by the Numbers

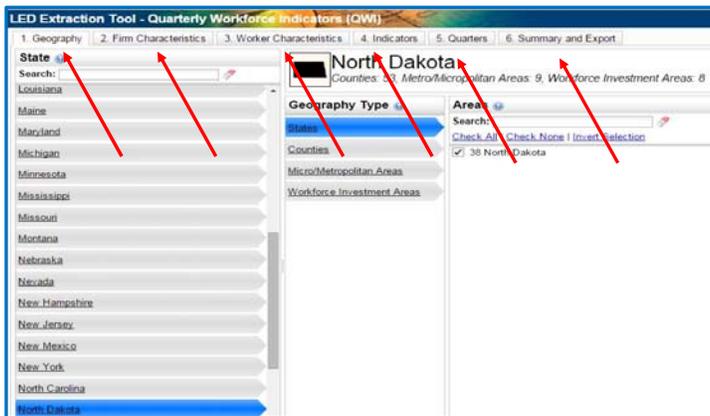
A source for data and statistical information to assist in promoting your community, county and state.

June—July 2015

Feature: LED Extraction Tool

This month we'll explore the **LED Extraction Tool**. The **LED Extraction Tool** enables streamlined access to the raw public-use data produced through the Local Employment Dynamics (LED) Partnership. This easy-to-use tool provides comma-separated value (CSV) files for the exact variables and characteristics requested by users. These CSV files can then be utilized in Microsoft Excel and other programs.

Featured Web Site: <http://ledextract.ces.census.gov/>



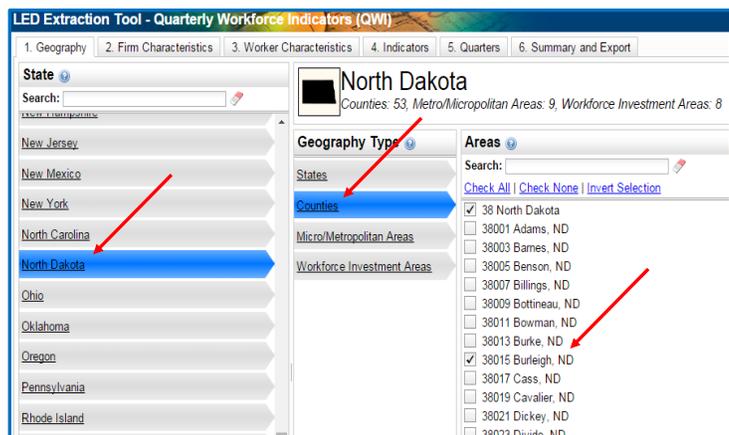
Let's begin by navigating to the website: <http://ledextract.ces.census.gov/>. This will bring you to **LED Extraction Tool's** homepage. From there you will be able to select from a number of criteria to drill down to the workforce information you'd like to find. You'll notice the different tabs across the top of the page: **Geography, Firm Characteristics, Worker Characteristics, Indicators, Quarters, Summary and Export**.

The data can be represented by: State, County, Micropolitan / Metropolitan Statistical Area, and Workforce Investment Areas. **(See Image Above)**

With all of the different criteria available, it's hard to decide where to start. So let's take a look at a couple examples.

Let's first assume we wanted to find the ending employment count for construction workers in Burleigh County for Quarter 3, 2013. We'll start under the **Geography** tab; select North Dakota, Counties, and Burleigh ND. **(See Image at Bottom Right)**

Next, you'll want to click on the second tab titled **Firm Characteristics**. Under this section, select the NAICS Sector for Construction. Under the third tab, **Worker Characteristics**, leave the default settings selected (both genders and all age groups). Within the **Indicators** tab, select the option titled EmpEnd. In the **Quarters** tab, select Q3 of 2013. Now select the **Summary and Export** tab. You'll see the option to **Submit Request**. Before you do, check the box below called "include labels". Then click **Submit Request**. You'll notice in the right task pane, your requested information has been generated into a CSV and Metadata file.





To view the data matching your criteria, click the CSV link in the right task pane. **(See Image at Left)** This will download your data into a CSV file viewable with Microsoft Excel.

The example we just walked through was a very basic search. We can get very detailed with this extraction tool. For this next example, let's assume we want to find the average monthly earnings of men and women in the manufacturing industry, with a bachelor's degree, in

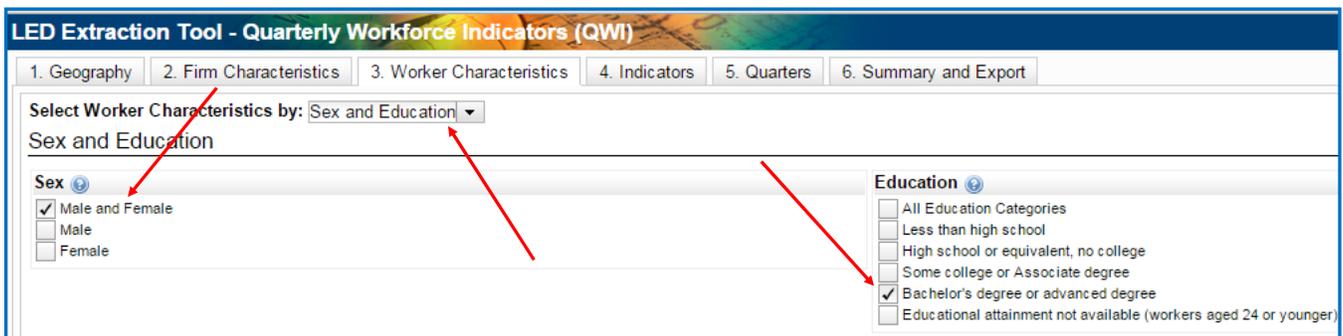
Fargo. We would also like the data to be represented for quarter 1 and quarter 2 of 2014.

So we'll start, again, in the **Geography** tab. Here we'll want to select: North Dakota > Micro/Metropolitan Areas > Fargo, ND. Next we'll move to the **Firm Characteristics** tab. Here you'll want to select the box next to "31-33 Manufacturing". (Be sure to uncheck the first box that will include "All NAICS".) Under the **Worker Characteristics** tab, we'll first use the drop-box (located at the top of the page) to select "Sex and Education". Under the "Sex" section, be sure the male and female box is checked. Under the "Education" section, select the box next to Bachelor's degree or advanced degree. **(See Image at Bottom)**

Under the **Indicators** tab, you'll want to deselect the EmpEnd checkbox under the Employment area. Towards the bottom of the page, you'll see a green + symbol next to Earnings. Click on the + symbol to expand the Earnings section. Now select the checkbox next to the first option "EarnS". This is the option for average monthly salary. Before going to the next tab, be sure the "show descriptions" check box at the bottom of the page is selected. Now click on the **Quarters** tab. Here you'll want to check the boxes for quarter 1 and 2 for the year 2014. Now click the **Summary and Export** tab. Check the box to "include labels" and then click **Submit Request**. Now you can open the CSV file by clicking the CSV link located in the right task pane. You'll notice that you are also able to email your results to yourself or another individual. To do this, select the box titled "E-mail results" and enter the destination address you'd like it sent.

Now that you know how to request the exact indicators and variables that you are interested in, take some time to familiarize yourself with this site. This information would be beneficial when identifying a specific workforce in your area as it relates to a particular project.

I hope you have found this site useful. As always, if you need any assistance or have any questions, you'll find my contact information at the bottom of this page. Feel free to call or email me with any questions, comments or concerns!



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