

LMI TUESDAYS!!!!!!

Session 2022-19: Re-introduction to the D4!

October 5, 2021

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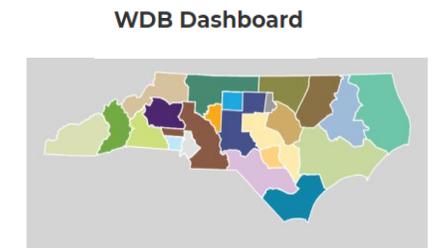
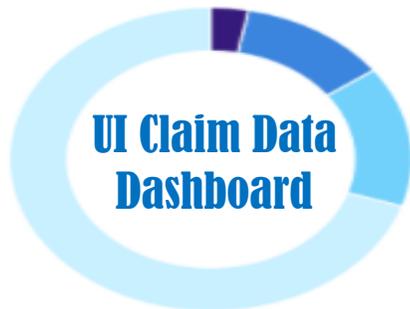
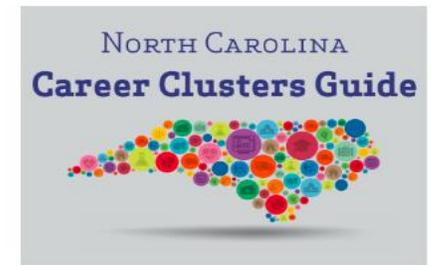
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SAMPLE LIST OF PRODUCTS AND TOOLS



Tool to use

<https://d4.nccommerce.com>



What does it do?

Houses the following **DATA**:

BLS Programs (LAUS, QCEW, CES, OEWS)

&

Projections

What does it do?

Houses the **Other tools:**



Mapping



Business Search

Data provided by Data Axle.



Demographics
(Area Profiles)



NC TOWER

A product of CFS



NC BOLD

Licensing information



NCCareers.org



Business
Employment
Dynamics (BLS)



NC Careers
Tools



LEAD Analytics
Dashboards

DATA

LAUS (Local Area Unemployment Statistics)

WHAT: Labor Force Statistics (Labor Force, Employed, Unemployed, Unemployment Rate)

TIME: Monthly back to 1976

PLACE: Cities, Counties, WDBs, MSAs, Prosperity Zones, State, National

LAUS Example

Last gasp of summer-

Check out Dare County

- **Select all months from 1990-2021**
- **Not Seasonally Adjusted**
- **Labor Force (and Employed): peaks in Summer**
- **Unemployment Rate: peaks in Winter**

Reminder to analyze year-over-year and not month-to-month for non-adjusted data

QCEW (Quarterly Census of Employment & Wages)

WHAT: Industry Establishments, Industry Employment, Average Weekly Wages down to detailed 6-digit level!!!

TIME: Quarterly back to 1990

PLACE: Counties, WDBs, MSAs, COGs, Prosperity Zones, State

QCEW Example

Transition into Fall: doughnuts, apples, and apple cider

Let's look up [Apples](#) using Census Bureau [NAICS](#)

- **Apple orchards: NAICS 111331**
- **Use D4 and look up last 5 years (all quarters) with state and counties**
- **Note: A lot of agriculture is not covered employment (don't pay UI tax returns), and therefore, not in QCEW (see [glossary!](#))**

CES (Current Employment Statistics)

WHAT: Payroll jobs by Industry Categories (Most sectors, selected detail), at state level- more information like wages

TIME: Monthly back to 1990 (National to 1939)

PLACE: MSAs, State, United States

CES Example

Transition into Fall: Back to School!

Let's look up Major Group Education & Health Services

- **For sub-state, use seasonally not-adjusted**
- **Use D4 and look up last 5 years (annual)**
- **You can see the variation in the industries across region**

Rule: if you want more detailed industry (like Educational Services only), you need to use state level

OEWS (Occupation Employment and Wage Statistics)

WHAT: Employment and Wages by region and industry categories

TIME: Monthly back to 1990 (National to 1939)

PLACE: MSAs, Balance of State, State

OEWS Example

Variation on Industries: distinguishing wages for one occupation

Let's look up Executive Secretaries and Executive Administrative Assistants

- Using [O*NET](#), we see code is: 43-6011
- Use D4 and select 43-0000, and all industries (click at top of list, then Shift+click at bottom of list)
- Select whichever area you would like

Other DATA

WHAT: Largest Employers; Projections

TIME: Quarterly back to 1990; Current

PLACE: Counties & State; State & Prosperity
Zone Sub-Regions

Topic for October 18

Session 2022-20: Re-Introduction to Analytics

This session will provide an overview of the Labor & Economic Analysis Division's (LEAD) Analytic Tools as seen at: <https://analytics.nccommerce.com/>.

Questions?

Thank You!

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