LMI TUESDAYS!!!!!

Session 11: Behold- the updated D4!

October 5, 2021

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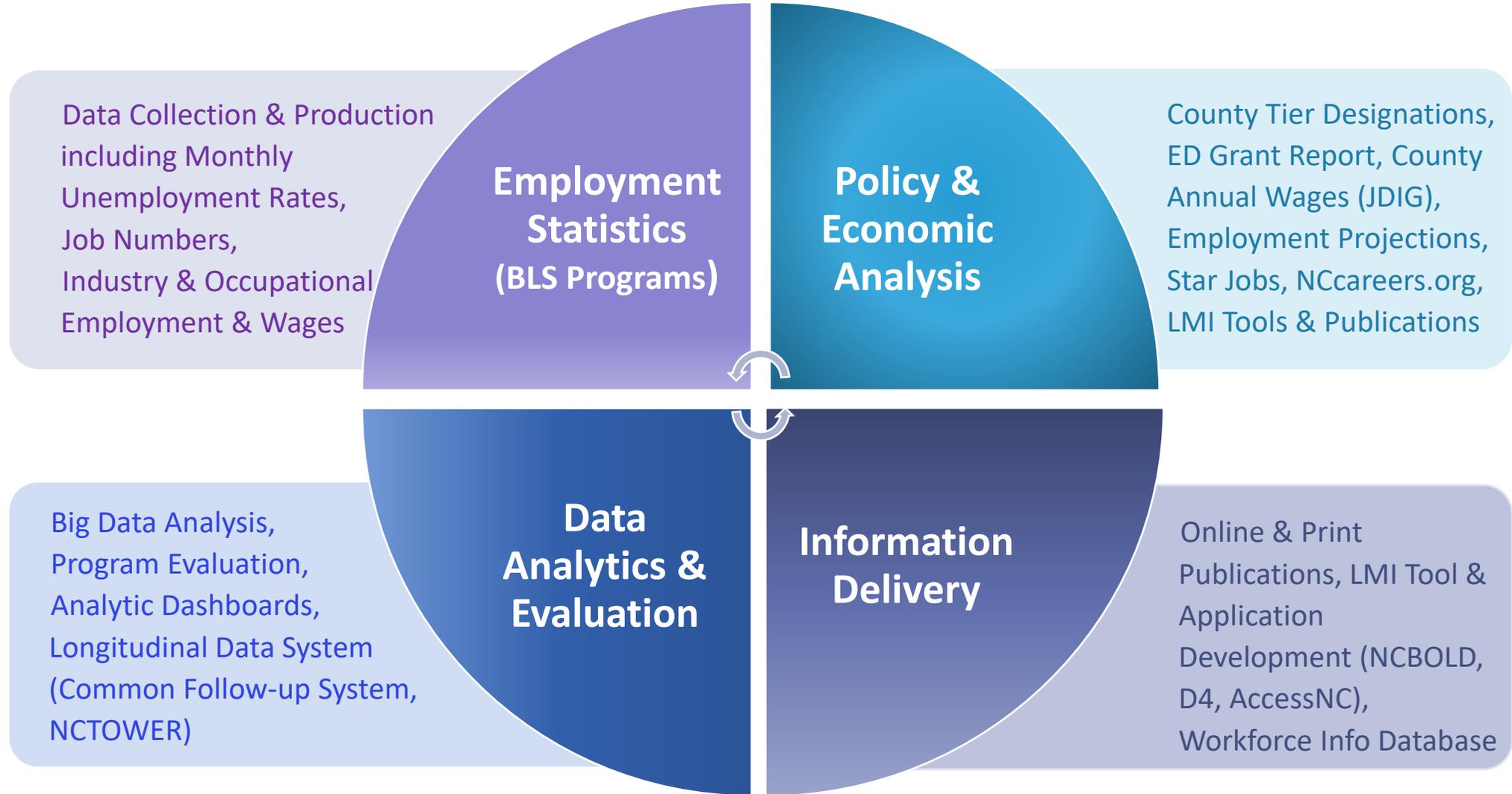
Senior Labor Market Analyst

NC Department of Commerce
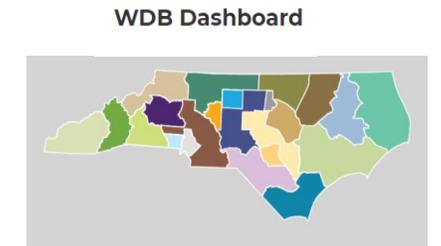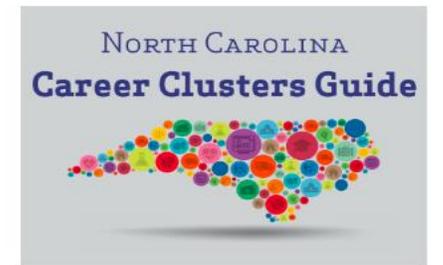
LEAD Teams

NC DEPARTMENT of COMMERCE
LABOR & ECONOMIC ANALYSIS

Employment Statistics (BLS Programs)

Data Collection & Production including Monthly Unemployment Rates, Job Numbers, Industry & Occupational Employment & Wages

Policy & Economic Analysis

County Tier Designations, ED Grant Report, County Annual Wages (JDIG), Employment Projections, Star Jobs, NCcareers.org, LMI Tools & Publications

Data Analytics & Evaluation

Big Data Analysis, Program Evaluation, Analytic Dashboards, Longitudinal Data System (Common Follow-up System, NCTOWER)

Information Delivery

Online & Print Publications, LMI Tool & Application Development (NCBOLD, D4, AccessNC), Workforce Info Database

NC DEPARTMENT of COMMERCE LABOR & ECONOMIC ANALYSIS

NCcareers.org DREAM IT. PLAN IT. BE IT.

NC TOWER

NCB**O**LD

THE **LEAD** FEED

NORTH CAROLINA STAR JOBS

4 DEMAND DRIVEN DATA DELIVERY

ACCESS**NC** North Carolina Economic Data & Site Information

CFS NORTH CAROLINA COMMON FOLLOW-UP SYSTEM

LABOR SUPPLY/DEMAND ANALYZER

EMPLOYMENT PROJECTIONS

NC T**O**DAY

LABOR MARKET OVERVIEW

North Carolina Labor Market Conditions

INTEREST PROFILER

NORTH CAROLINA Career Clusters Guide

UI Claim Data Dashboard

OCCUPATIONAL PROFILES

REALITY CHECK

CAREER CLUSTER SURVEY

WDB Dashboard

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 following **Other tools**:

Mapping (and tools within this)

Business Search

Demographics (Area Profiles)

DATA

LAUS (Local Area Unemployment Statistics)

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

TIME: Monthly back to 1990, 1976 (State, US)

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: May 2020 data

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 19

Session 12: LEADing LMI resource overview

This session will provide an overview of the Labor & Economic Analysis Division's (LEAD) Labor Market Information (LMI) resources. While we may not be able to get into great detail on our tools today, this will serve as an introduction or review of what we've got. As always, please bring questions!!!

Questions?

Thank You!

NC DEPARTMENT
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