

NC DEPARTMENT
of COMMERCE
LABOR & ECONOMIC
ANALYSIS

LMI TUESDAYS!

Session 2022-15: Job-to-Job Flows

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Chi Wong

Economist

NC Department of Commerce

Outline

1. Overview of dataset
2. J2J Explorer
3. Applications
4. Future Research
5. Questions

Job-to-Job (J2J) Flows

- Data on hires and separations
- Available at multiple geographies
- Wide variety of controls
 - Firm characteristics
 - Worker demographics
 - Separations/Hires/Earnings Indicators
- J2J Explorer (<https://j2jexplorer.ces.census.gov/>)

J2J Explorer

Guided Entry

1. Start Here

Frame your question by selecting from the three dropdowns below; then click one of the blue links on the right to go to your customized results.

 Hires to

 North Carolina

 All NAICS Sectors

2. Then Choose an Analysis

Analysis of Job-to-Job Flows

From (Origin Job)

 Which States?

 Which Metro Areas?

 Which Industries?



To (Destination Job)

North Carolina

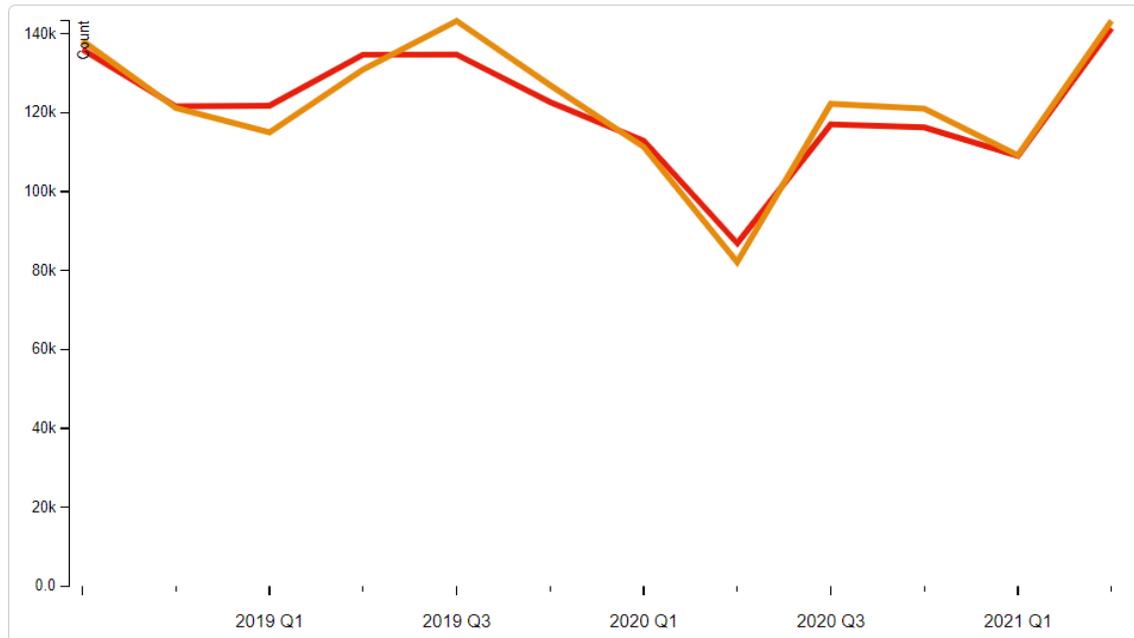
 Which Industries?

Analysis of Hires Over Time

 Are hires to jobs in North Carolina coming from nonemployment or another job?

 How do earnings for hires to jobs in North Carolina compare to earnings for job stayers?

J2J Explorer



■ Male ■ Female

Job-to-Job Flows to North Carolina by Year/Quarter and Sex

2018 Q3 - 2021 Q2

Indicator

Job-to-Job Flows (J2J)

Job flows with a short or no observed nonemployment spell

X-Axis

Year/Quarter

Lines

Sex

2021 Q2, 2021 Q1, 2020 Q4, 2020 Q3, 2020 Q2 and 7 Others

Filters

Firm Characteristics

Origin NAICS Sector

[All](#)

Destination NAICS Sector

[All](#)

Worker Characteristics

Age

[All](#)

Education

[All](#)

Geography

Destination State

[North Carolina](#)

Origin State

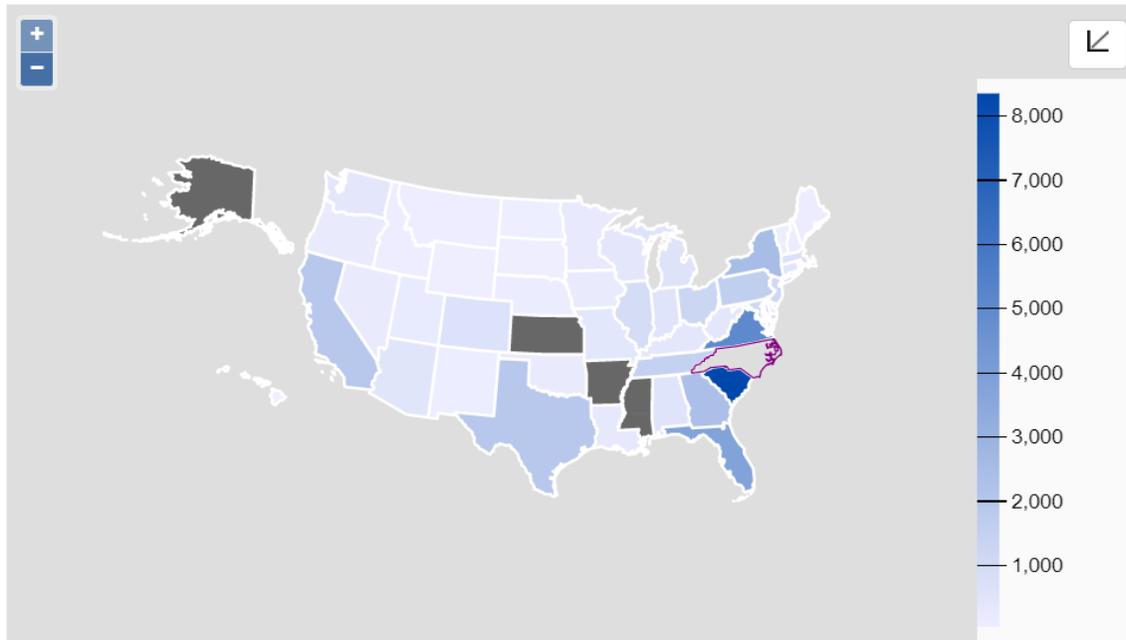
[All](#)

Origin Metro Area

[All](#)

Advanced Functions

J2J Explorer



Job-to-Job Flows from 50 States to North Carolina

2021 Q2

Indicator

Job-to-Job Flows (J2J)

Job flows with a short or no observed nonemployment spell

Geography Level

Origin State

[Alabama](#), [Alaska](#), [Arizona](#),
[Arkansas](#), [California](#) and 45
[Others](#)

Filters

Time

Year/Quarter

2021 Q2

Firm Characteristics

Origin NAICS Sector

[All](#)

Destination NAICS Sector

[All](#)

Origin Firm Age

[All](#)

Destination Firm Age

Worker Characteristics

Sex

[All](#)

Age

[All](#)

Education

[All](#)

Race

[All](#)

Ethnicity

[All](#)

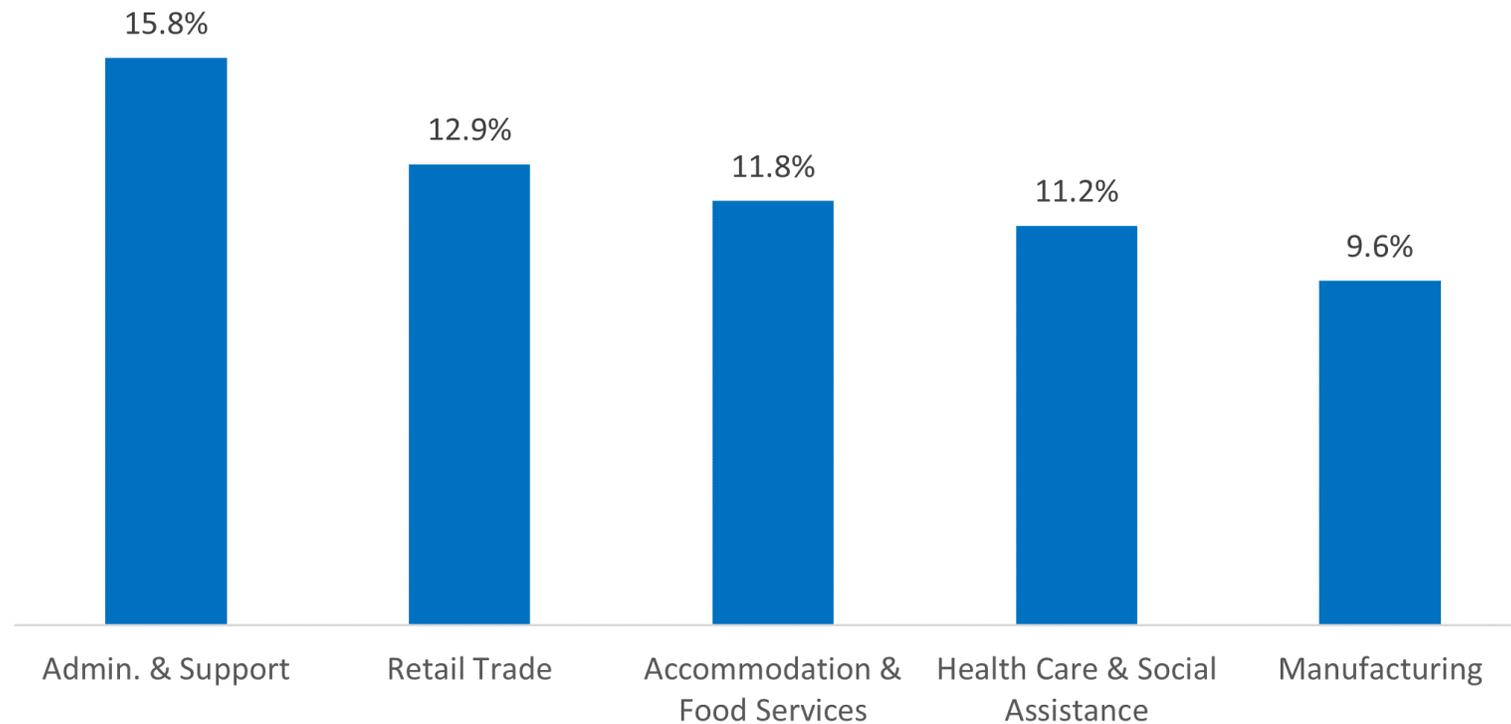
Applications

Which Industry Workers Change Jobs the Most and Where do they go?

- Context
- Study sample
- Results

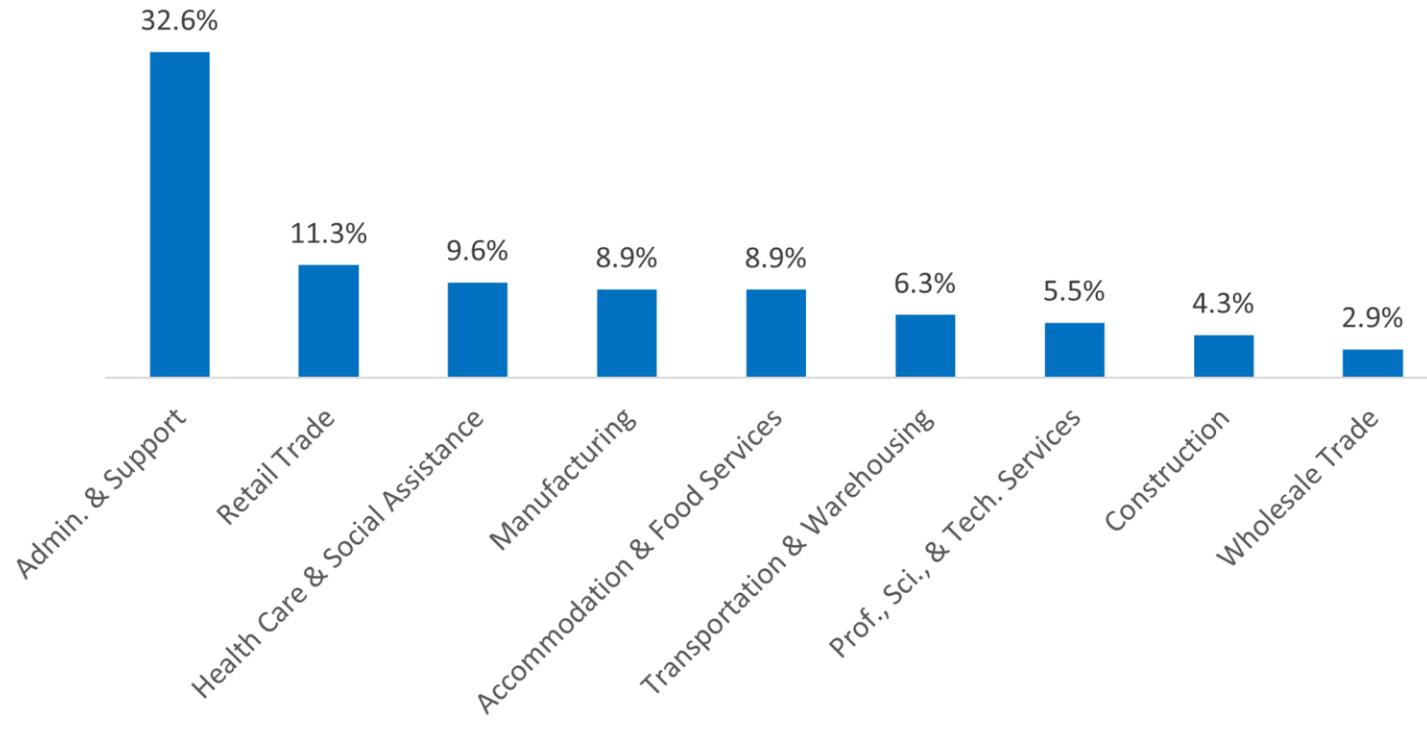
Applications

NC Industries with the Most Workers Changing Jobs, Regardless of Destination Industry - Q1 2021



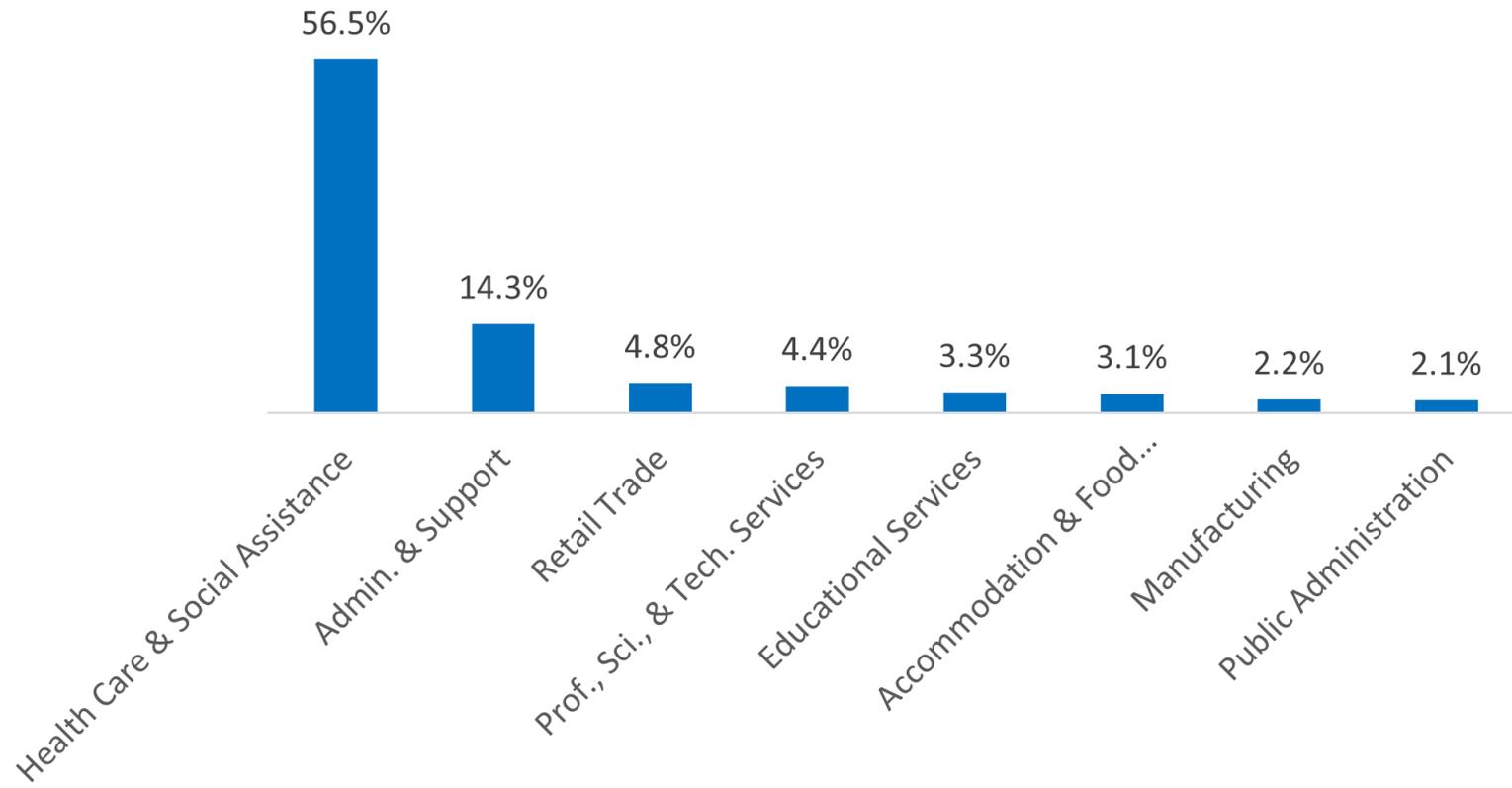
Applications

Top NC Destination for Job Changers in the Administrative and Support and Waste Management and Remediation Industry, Q1 2021



Applications

Top NC Destination for Job Changers in the Health Care & Social Assistance Industry, Q1 2021



Applications

Is there a significant relationship between wages and separations rates?

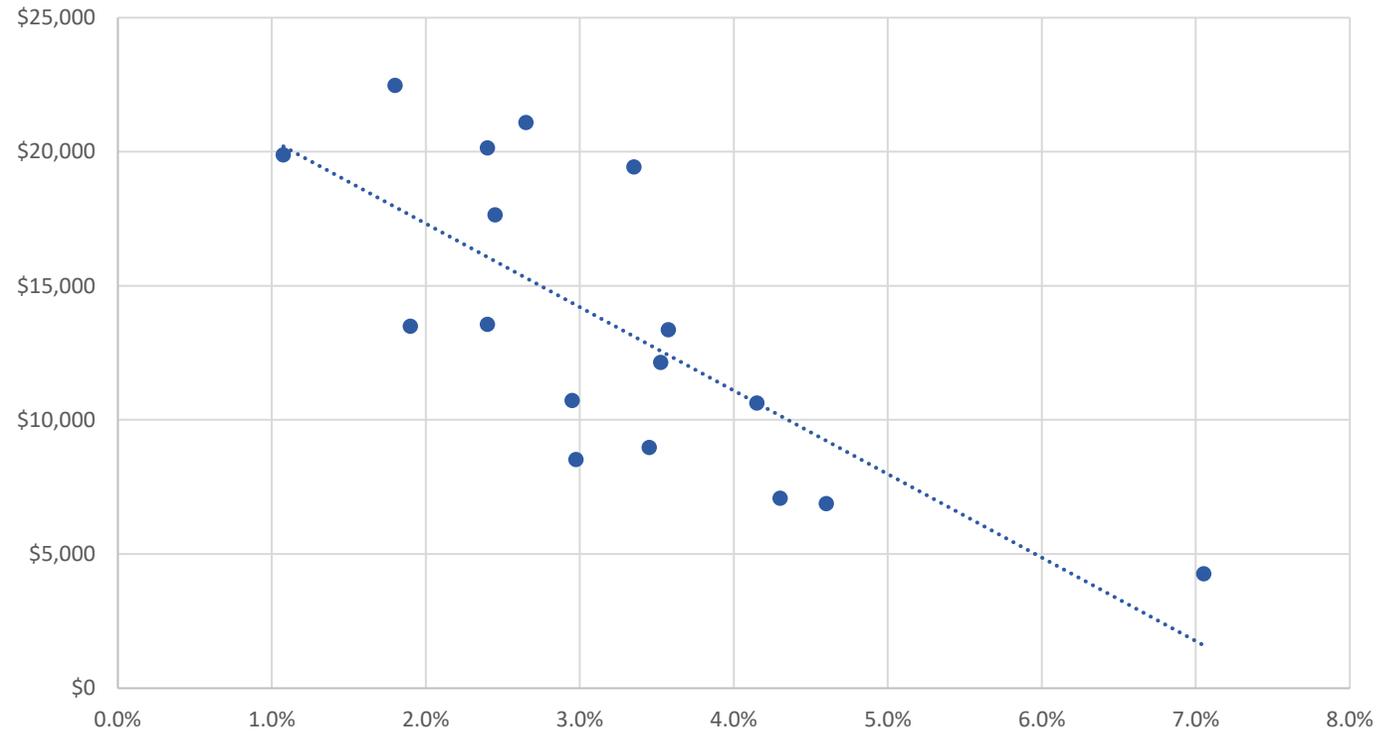
- Context
- Study sample
- Results

Applications

Industry Sectors: Separation Rate vs Average Quarterly Earnings, 2020		
Industry Sector	2020 Separation Rate	2020 Average Quarterly Earnings
Administrative and Support and Waste Management and Remediation Services	9.5%	\$9,507
Accommodation and Food Services	7.1%	\$4,270
Retail Trade	4.6%	\$6,878
Arts, Entertainment, and Recreation	4.3%	\$7,076
Transportation and Warehousing	4.2%	\$10,637
Construction	3.6%	\$13,367
Real Estate and Rental and Leasing	3.5%	\$12,144
Other Services (except Public Administration)	3.5%	\$8,978
Professional, Scientific, and Technical Services	3.4%	\$19,432
Agriculture, Forestry, Fishing and Hunting	3.0%	\$8,524
Health Care and Social Assistance	3.0%	\$10,725
Information	2.7%	\$21,096
Wholesale Trade	2.5%	\$17,644
Manufacturing	2.4%	\$13,563
Management of Companies and Enterprises	2.4%	\$20,148
Mining, Quarrying, and Oil and Gas Extraction	1.9%	\$13,494
Finance and Insurance	1.8%	\$22,478
Educational Services	1.3%	\$10,956
Public Administration	1.2%	\$10,562
Utilities	1.1%	\$19,880

Applications

2020 Average Quarterly Earnings & Separation Rate



Applications



- Key limitation: follows industries, not workers
 - Example

Future research

- Demographics
 - Age
- Geography
 - Interstate flows; has that changed over time?
- Suggestions?

Questions?



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Thank You!

Chi Wong

Chi.wong@commerce.nc.gov

Jamie Vaughn

jamie.vaughn@commerce.nc.gov