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Introduction

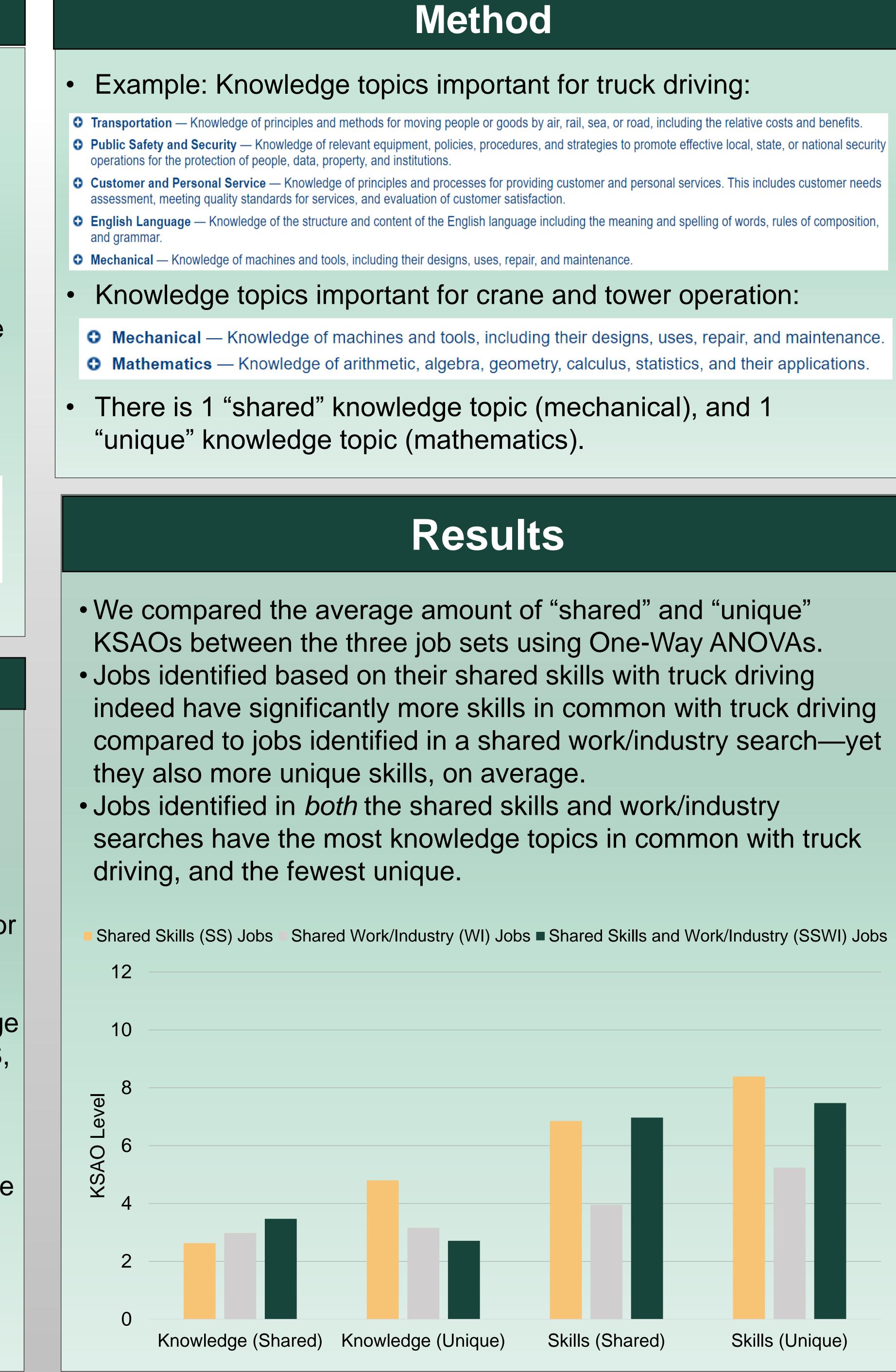
- Taxi/rideshare driving and long-distance trucking jobs are expected to become less common due to vehicle automation. Thus, current drivers will likely need to transition into new careers.
- This project leveraged the Occupational Information Network (O*NET) 24.2 Database to identify and compare potential transition occupations for truck and taxi drivers.



Method

- Using O*NET, we identified jobs that:
- Share skills (SS) with taxi or truck driving.
- Share work activities and/or the same industry (WI) with the driving job.
- Both share skills and work/industry (SSWI) for each driving job.
- We coded the number of important knowledge topics, skills, and other (KSAOs) for each SS, WI, and SSWI job that are shared with the focal driving job.
- We also coded the number of KSAOs that are not shared (i.e., unique - what drivers may need to gain or learn to enter the transition profession).

Transitioning the Driving Workforce into the Era of **Automated Vehicles**



Truck Driver Shared Skills (SS) example jobs: Robotics Technician, Electrician, Plumber Shared Work/Industry (WI) jobs: Cargo and Freight Agent, Statement Clerk, Traffic Technician **Shared Skills and Work/Industry** (SSWI) jobs: Air Traffic Controller, Locomotive Engineer, Crane and Tower Operator

Discussion

- The set of shared skills and work/industry (SSWI) jobs with both driving jobs.
- drivers threatened by displacement.
- and values fit).

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Results

displayed the greatest number of shared, and fewest unique, KSAOs

We have thus presented a method for identifying transition careers for

• Further work should help with understanding what obstacles arise in the job transition process.

• Another step can be to develop a decision aid to help workers find careers that match their needs (e.g., based on salary, interests