



Alaska's transportation workforce detours

Maximizing training opportunities & outcomes in DOT&PF's key industries

UAA's Institute of Social and Economic Research

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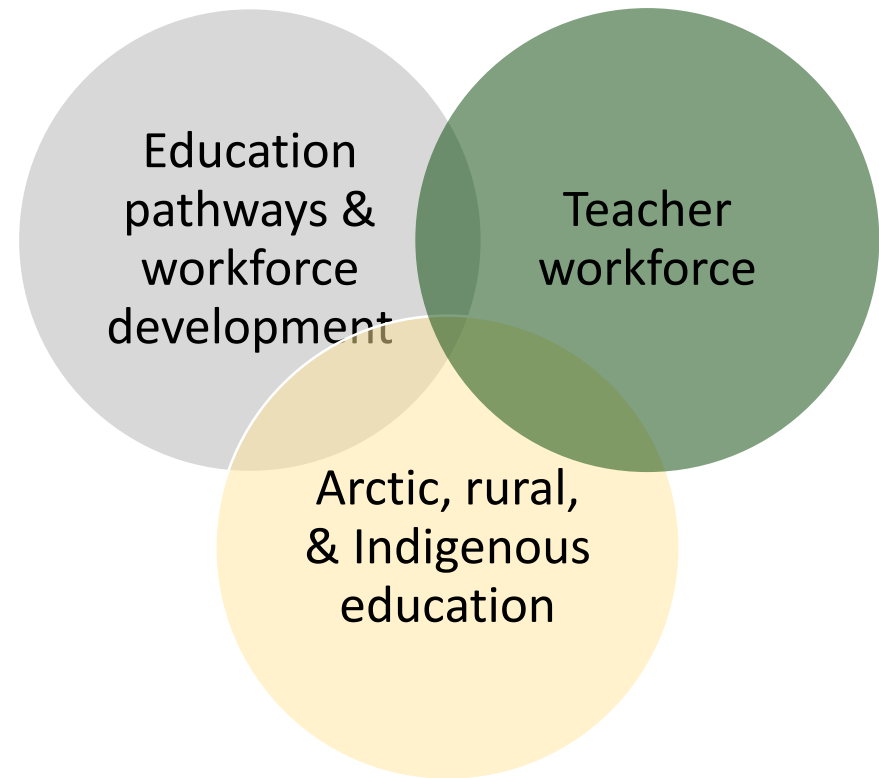
Zhenia Peterson

ISER has been studying Alaska's teacher workforce and education system for over 60 years.

Institute of Social & Economic Research

- Alaska-focused
- Nonpartisan
- Policy-focused
- Intended to help people understand social and economic systems

Center for Alaska Education Policy Research



The issues you're dealing with

Workforce

- Lots of projects
- Labor shortages
- Few locally-trained workers
- High worker turnover
- Hiring from the lower 48

8 priority occupations

- Carpenters
- Cement masons
- Electricians & linemen
- Ironworkers
- Operating engineers
- Piledrivers
- Plumbers and pipefitters
- Truck drivers/teamsters

What we're planning to do

1. Model Alaska's supply and demand of workers in DOT&PF's priority occupations
2. Describe Alaska's current capacity and activity in existing training programs
3. Identify challenges and recommendations for improving the workforce development pipeline
 - a. Employers
 - b. Employees

1. Model Alaska's supply and demand of workers in DOT&PF's priority occupations

- Occupation projections & wage (earnings) data
 - National (O*Net)
 - Alaska (DOL)
- Worker profiles
 - Gender
 - Age
 - Residency
 - Longevity in workforce

2. Describe Alaska's current capacity and activity in existing training programs

Key Informant Interviews (wrapping up)

- At least one for each priority occupation
 - Knowledge of the training/occupation
 - Union training, vocational schools, universities, pre-apprenticeships, skills training, high school programs
- Information about training program, capacity, challenges and recommendations, feedback on occupation profiles
- 15 interviews (plan 18-20 interviews)

Surveys (in progress)

- Detailed information about program
 - Capacity, completion rates
 - Cost, length of program
 - Describe the trainees (age, gender, home community)
- Process
 - Full inventory (to the extent possible)
 - Personal outreach
 - Phone calls
 - Emails

3a. Identify challenges & recommendations for improving the workforce development pipeline

(Employer perspective)


Interviews & surveys (starting soon)

- Looking for employers who...
 - ...work on DOT contracts
 - ...employ priority occupations
- What's it about?
 - Recruitment, hiring, training, retaining
 - Feedback on occupation profiles

Details

- Interviews
 - 15-20 interviews
 - 45 min-1 hour
 - \$40 gift card
- Surveys
 - 10-15 minutes
 - \$20 gift card
- Interested? Email us or link to QR code

3b. Identify challenges & recommendations for improving the workforce development pipeline (Employee perspective)

- What: Work in the priority occupation and work on DOT contracts
 - When: Summer 2024
 - How: Interviews & surveys
- 

What would you like to see?

Topics to study

- What should we dig into?
- What issues do you want to put on our radar?

Places to connect

- To get in touch with employers?
- To share findings down the road?



Stay in touch!

- Sign up to receive project updates!
- Contact us directly!
- Share this information!



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