



UNIVERSITY  
*of* ALASKA

House Education Committee | January 31, 2024



# Technical Vocational Education Program

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# 2024 JOBS FORECAST

Capitalizing on federal investment to strengthen Alaska's future

- \$1.2 trillion infrastructure bill – workforce needed for roads, bridges, ports, broadband, ferry system, water, and wastewater projects
  - CDL Drivers
  - Construction Managers
  - Heat/Air/Ref Mechanics
  - General Ops Managers
  - Telecommunication Install/Rep
  - Engineers & Engineering Techs
  - Architects
  - Welders
  - Surveyors
  - Facilities Repair & Management
  - Business Services
- Job growth also anticipated in health care, transportation, resource extraction, and energy development

ALASKA ECONOMIC  
**TRENDS**  
JANUARY 2024

Outlook for jobs  
in Alaska **2024**

**ALSO INSIDE**

Job forecasts for Fairbanks,  
Anchorage, and Southeast

**UA is Key to Meeting  
Alaska's Workforce Needs**

# UA SYSTEM

Three Universities, One System

Unique Missions Offering Diverse Value

16+

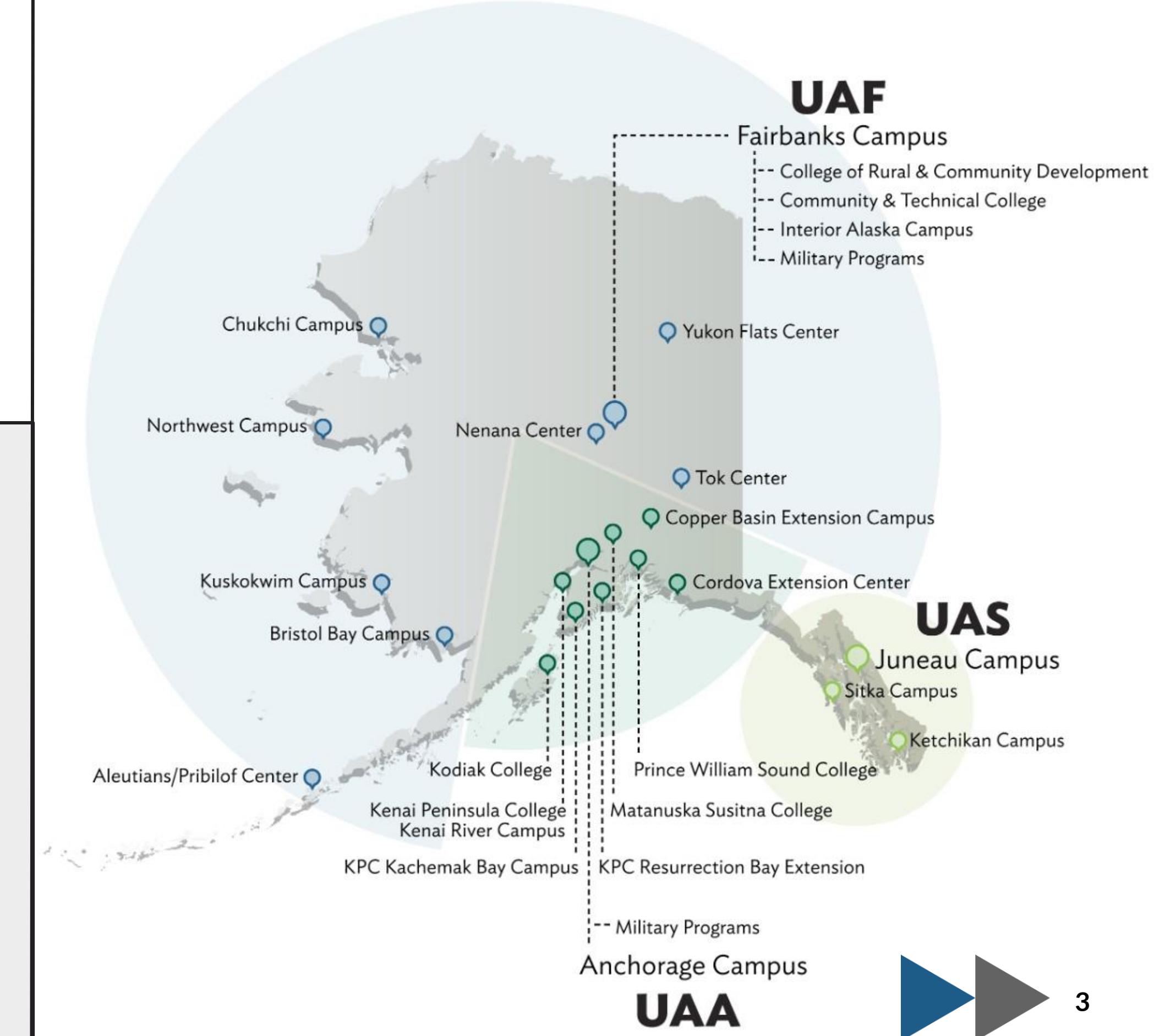
Colleges, campuses, and extension sites providing access statewide

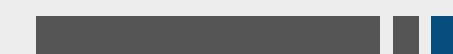
400+

Breadth of programs from workforce credentialing to doctoral degrees

20K+

Students served across all six economic regions





Since 2011

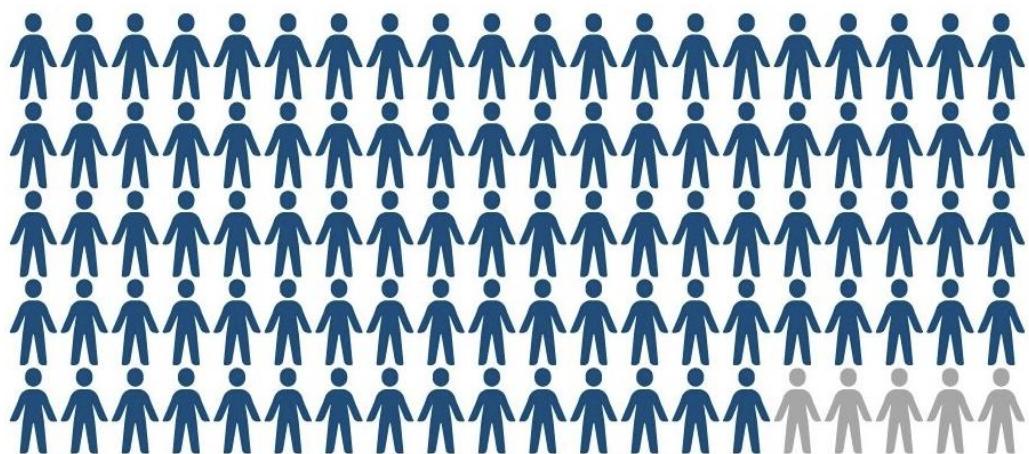
**26,948**

Students have graduated from programs relevant to the state's high demand industries, producing the following outcomes:

## UA'S IMPACT ON ALASKA'S WORKFORCE

Degree Type	Graduates	% Employed in Alaska with 1 Year	Average First-Year Wage (\$)	Average Fifth-Year Wage (\$)
Certificate and Associate	10,794	80.8%	\$47,504	\$63,754
Bachelor and Above	16,154	74.3%	\$54,959	\$77,554

### BOOST ALASKA'S HIRE RATE

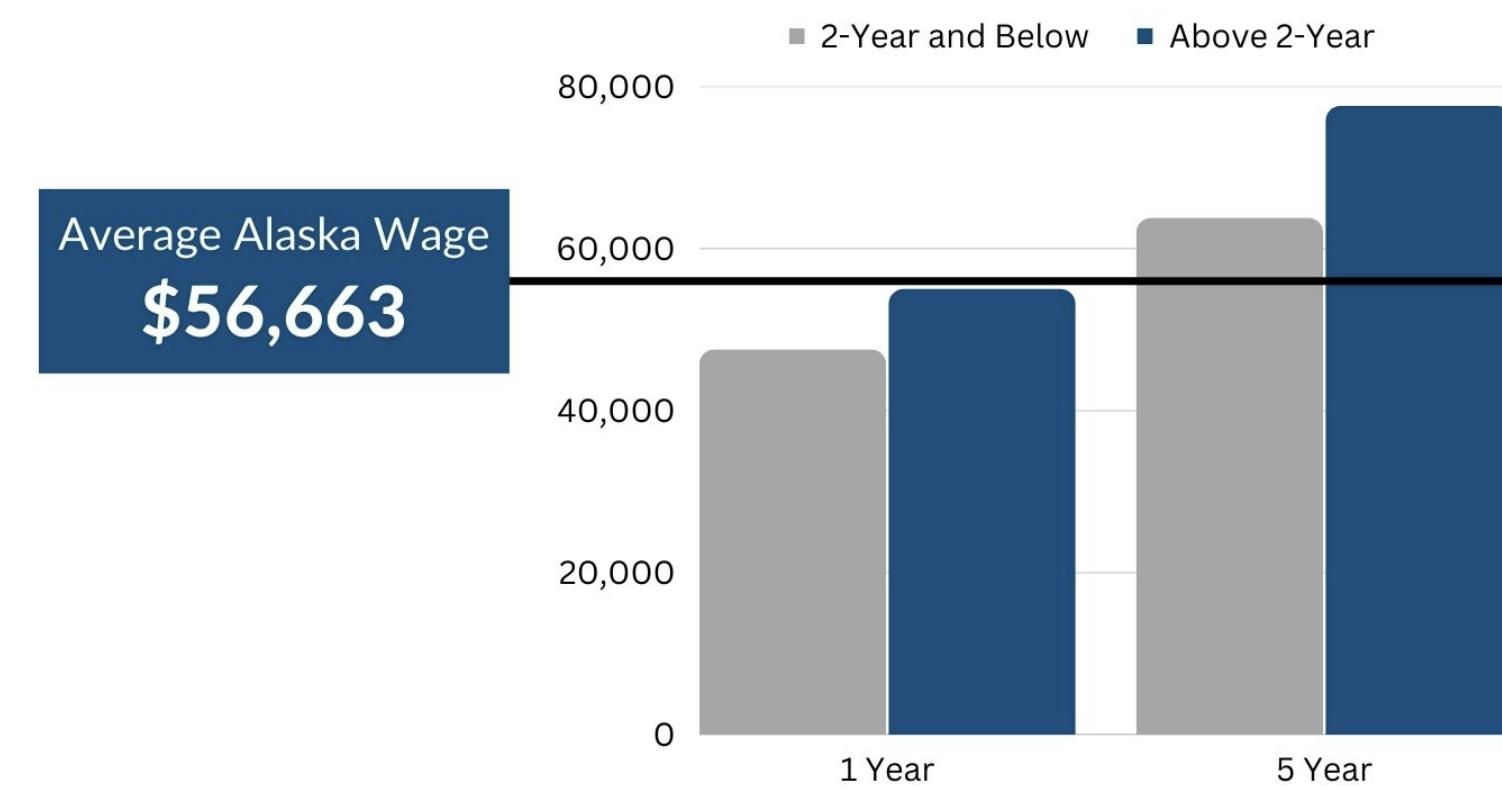


**94.8%**

Of Working Graduates  
are Alaska Residents

For comparison, residency is 79.8% for All Alaska Workers

### GRADUATES' AVERAGE WAGE

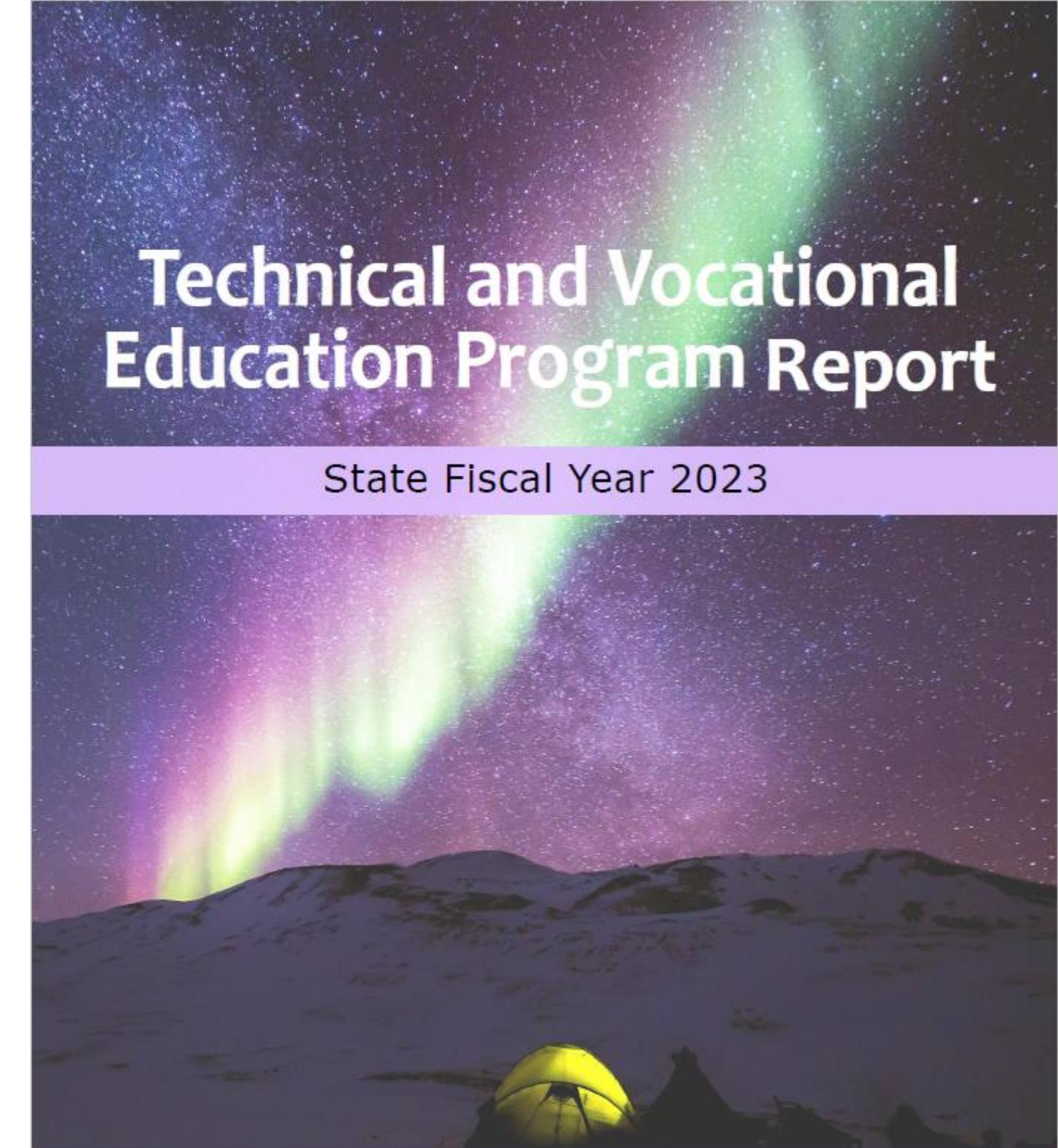


# TVEP SUPPORTS WORKFORCE DEVELOPMENT

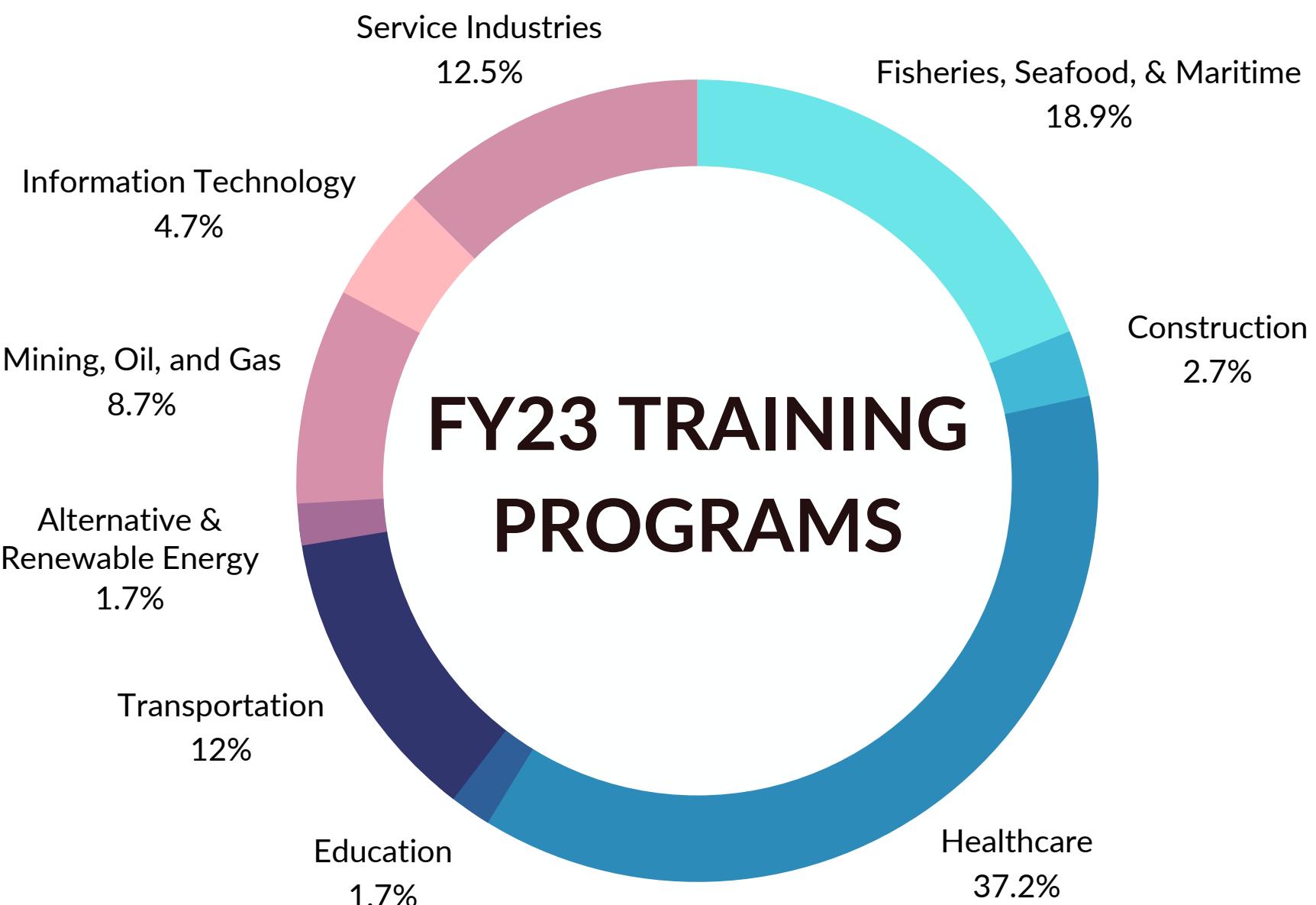


## Fiscal Year 2023 UA Outcomes

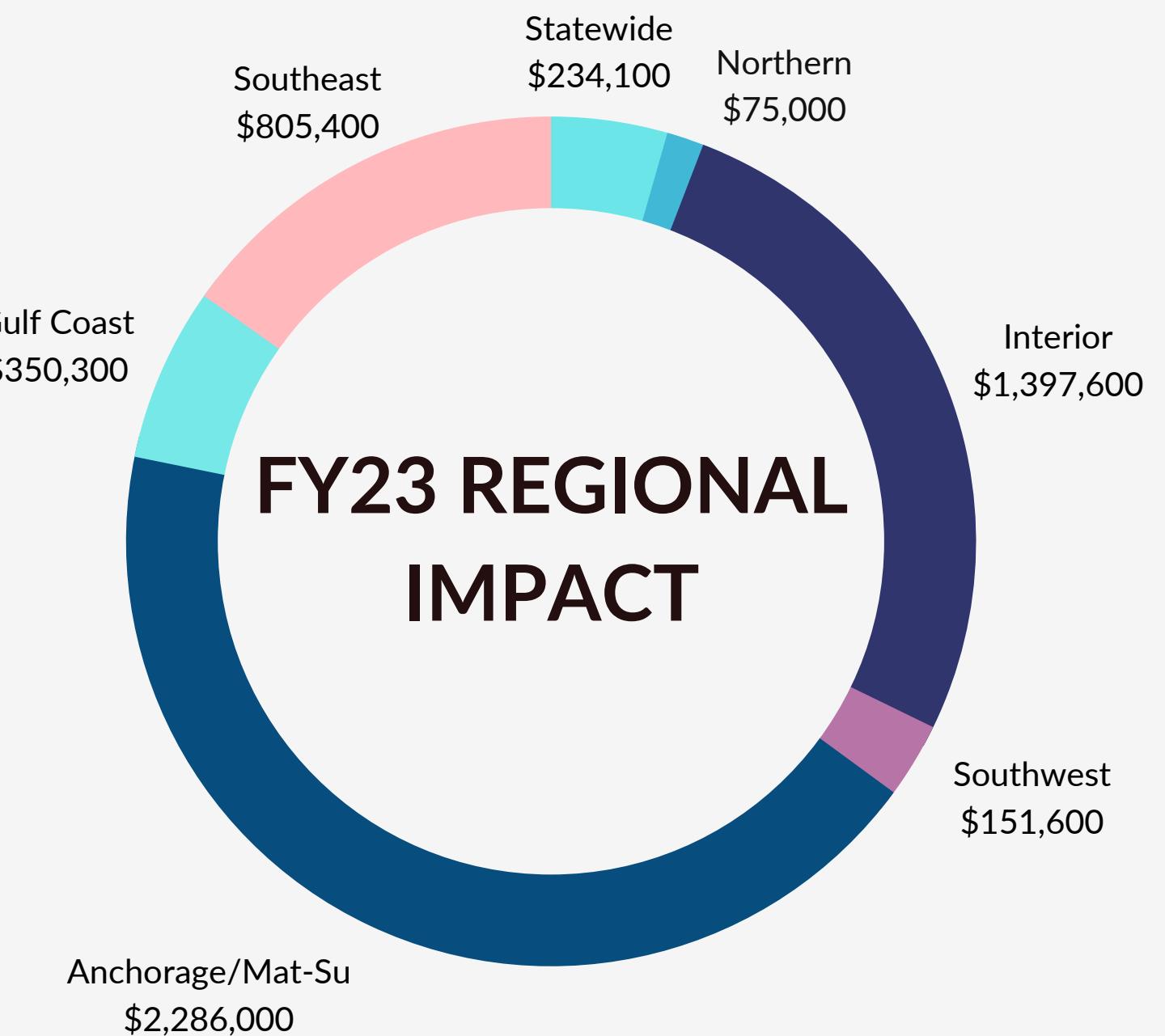
- UA's 45% allocation trained 57% of students served by TVEP
  - 4,844 students trained
  - 1,294 high school students received college credit
  - 80% employed 1-12 months after exit
- UA's competitive grant process adheres to these priorities:
  - Supporting programs aligned to high-demand priorities identified by the Alaska Workforce Investment Board
  - Training that leads to employment, retention, or career advancement
  - Developing or strengthening partnerships



## TVEP SUPPORTS HIGH PRIORITY INDUSTRIES



## TVEP SUPPORTS ALL REGIONS



In addition to these totals, the Fairbanks Pipeline Training Center received \$867,300 in pass-through funding for construction, oil, and gas.



# TECHNICAL VOCATIONAL EDUCATION PROGRAM

The Technical Vocational Education Program (TVEP) provides grants to high-demand career and technical education entities for industry-specific, on-the-job, and classroom training.

FY23 TVEP Allocations	% of TVEP Allocation	Grant Amount	# of Adults Served	# of High School Students Served	Total # of Participants	Investment Per Participant
Alaska Vocational Technical Center (AVTEC)	17%	\$2,329,900	1,170	166	1,336	\$1,744
Alaska Technical Center	9%	\$1,233,500	85	5	90	\$13,706
Amundsen Educational Center*	2%	\$274,100	5	0	5	\$54,820
Galena Interior Learning Academy	4%	\$556,800	0	211	211	\$2,639
Ilisaġvik College	5%	\$685,300	799	89	888	\$772
Northwestern Alaska Career and Technical Center (NACTEC)	3%	\$411,200	27	233	260	\$1,582
Partners for Progress in Delta, Inc.	3%	\$411,200	90	105	195	\$2,109
Southwest Alaska Vocational and Education Center (SAVEC)	3%	\$411,200	175	8	183	\$2,247
Yuut Elitnaurviaat	9%	\$1,233,500	470	46	516	\$2,391
<b>University of Alaska*</b>	<b>45%</b>	<b>\$6,167,300</b>	<b>3,550</b>	<b>1,294</b>	<b>4,844</b>	<b>\$1,273</b>
<b>FY23 TVEP Totals</b>	<b>100%</b>	<b>\$13,714,000</b>	<b>6,371</b>	<b>2,157</b>	<b>8,528</b>	<b>Avg: \$1,608</b>

\*Fairbanks Pipeline Training Center received \$867,300 in pass-through funding, based on a fiscal note accompanying the 2008 TVEP reauthorization to support construction, oil, and gas.



**UA strongly supports the reauthorization of TVEP (HB 55) that assists in:**

- Strengthening pathways to Alaska jobs
- Delivering programs aligned to Alaska's high-demand workforce needs
- Providing professional development for retention or career advancement



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