

# UNIVERSITY OF ALASKA

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*Delivering Alaska's Technical Vocational Education Program*

2024

# UA System

Three Universities, One System

**16+**

Colleges, campuses, and extension sites providing access statewide

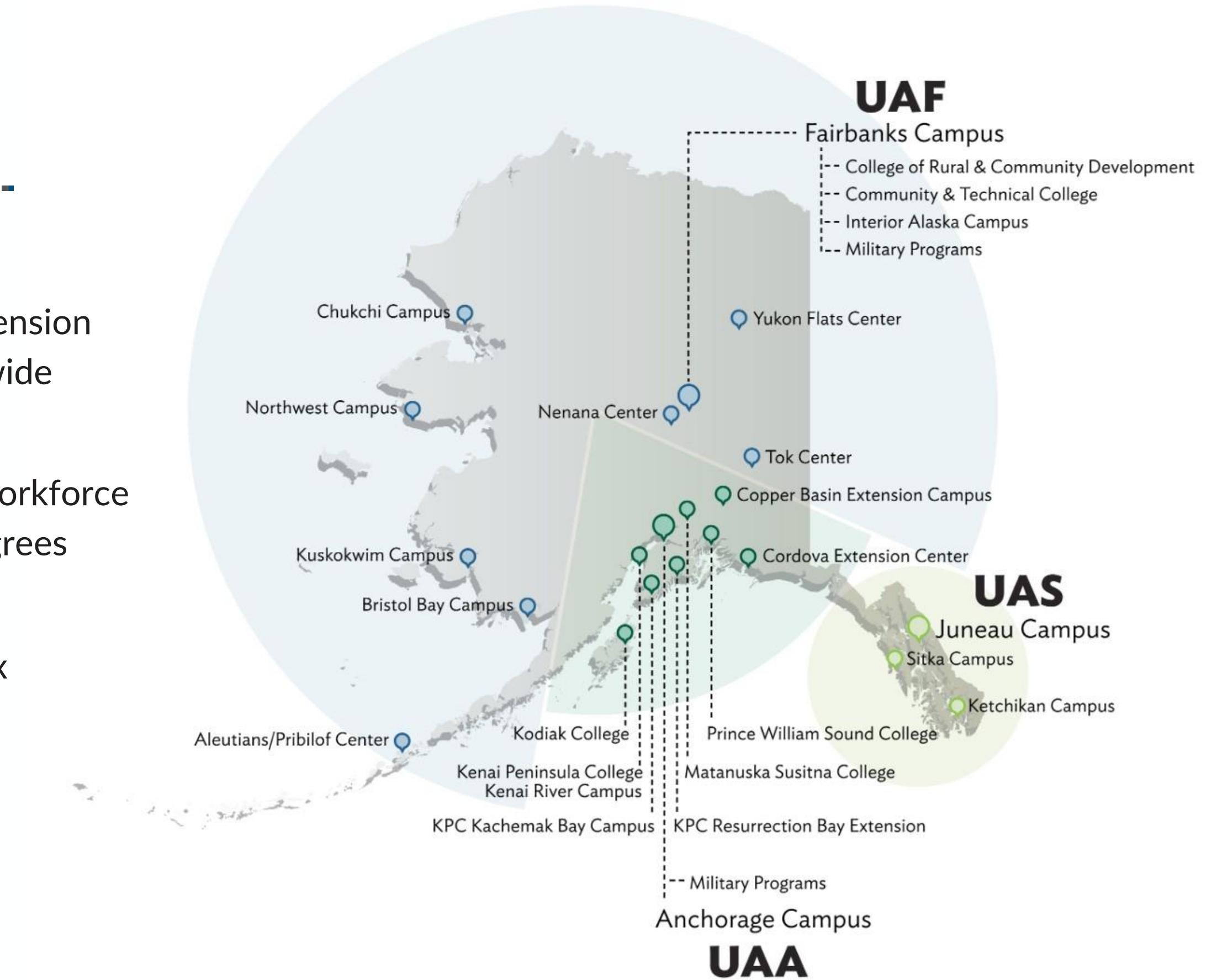
**400+**

Breadth of programs from workforce credentialing to doctoral degrees

**21K+**

Students served across all six economic regions

*Unique Missions Offering Diverse Value*



# 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**

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

The Technical Vocational Education Program (TVEP) was created in 2000 to adequately fund vocational and technical education across the state. The program is administered by the Alaska Workforce Investment Board (AWIB).

- ▶ TVEP funds come from a percentage of employee unemployment insurance contributions allocated to specific institutions in accordance with Alaska Statute 23.15.835.
- ▶ TVEP funds must be used for technical and vocational training programs that align with regional workforce demands and the Alaska Workforce Investment Board's industry priorities.

# FY23 TVEP Outcomes

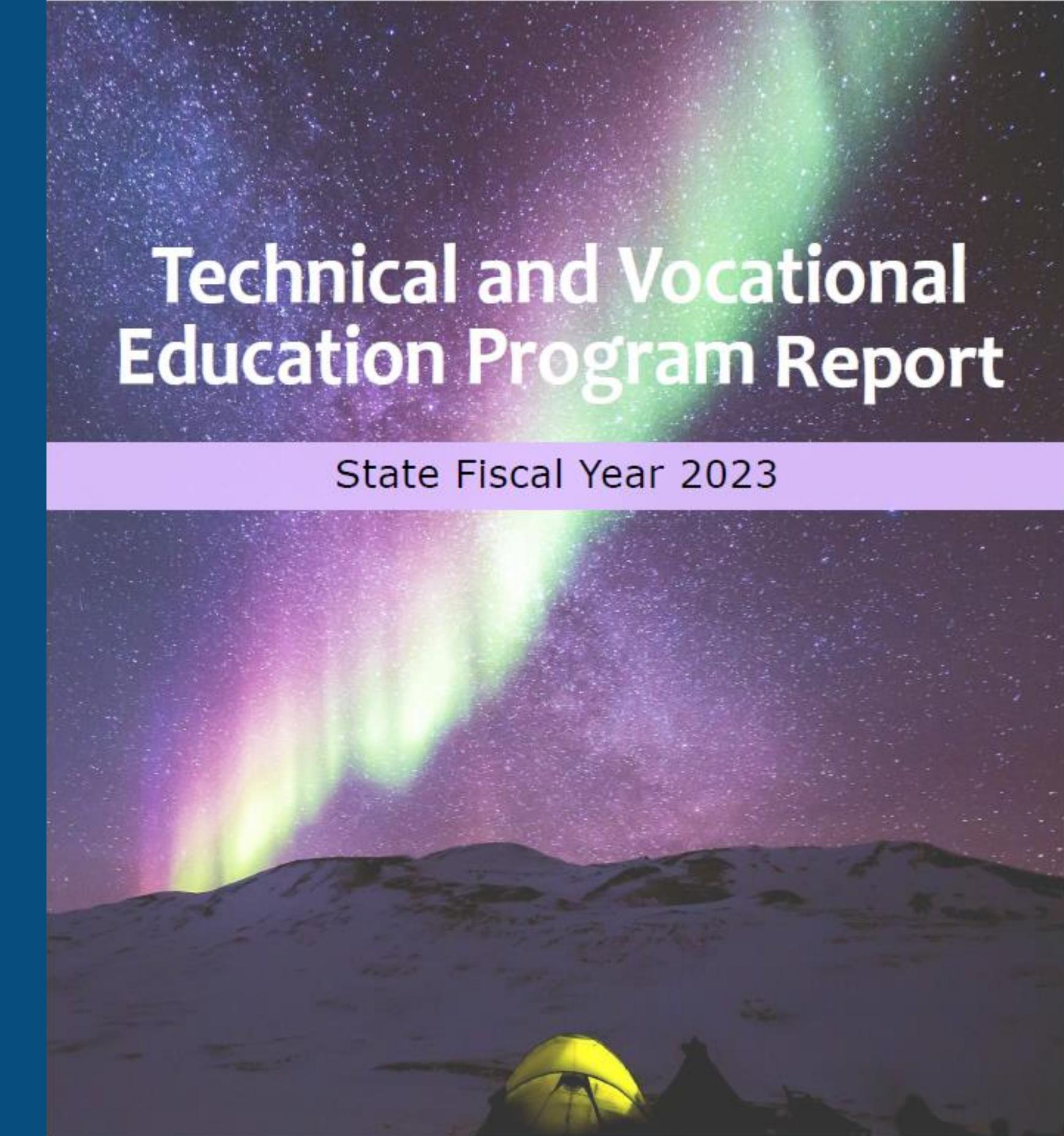
TVEP Allocations	% of Allocation	Grant Amount	# of Adults	# of High School Students	Total # of Participants	Investment per Participant
Alaska Vocational Technical Center (AVTEC)	17.0%	\$2,329,900	1,170	166	1,336	\$1,744
Alaska Technical Center	9.0%	\$1,233,500	85	5	90	\$13,706
Amundsen Educational Center	2.0%	\$274,100	5	0	5	\$54,820
Galena Interior Learning Academy	4.0%	\$556,800	0	211	211	\$2,639
Ilisagvik College	5.0%	\$685,300	799	89	888	\$772
Northwestern Alaska Career and Technical Center (NACTEC)	3.0%	\$411,200	27	233	260	\$1,582
Partners for Progress in Delta, Inc.	3.0%	\$411,200	90	105	195	\$2,109
Southwest Alaska Vocational and Education Center (SAVEC)	3.0%	\$411,200	175	8	183	\$2,247
Yuit Elitnaurviaat	9.0%	\$1,233,500	470	46	516	\$2,391
<b>University of Alaska*</b>	<b>45.0%</b>	<b>\$6,167,300</b>	<b>3,550</b>	<b>1,294</b>	<b>4,844</b>	<b>\$1,273</b>
<b>Totals</b>	<b>100.0%</b>	<b>\$13,714,000</b>	<b>6,371</b>	<b>2,157</b>	<b>8,528</b>	<b>\$1,608</b>

\*Fairbanks Pipeline Training Center received \$867,300 in pass-through funding from the University of Alaska to support construction, oil, and gas.

# TVEP Supports Workforce Development

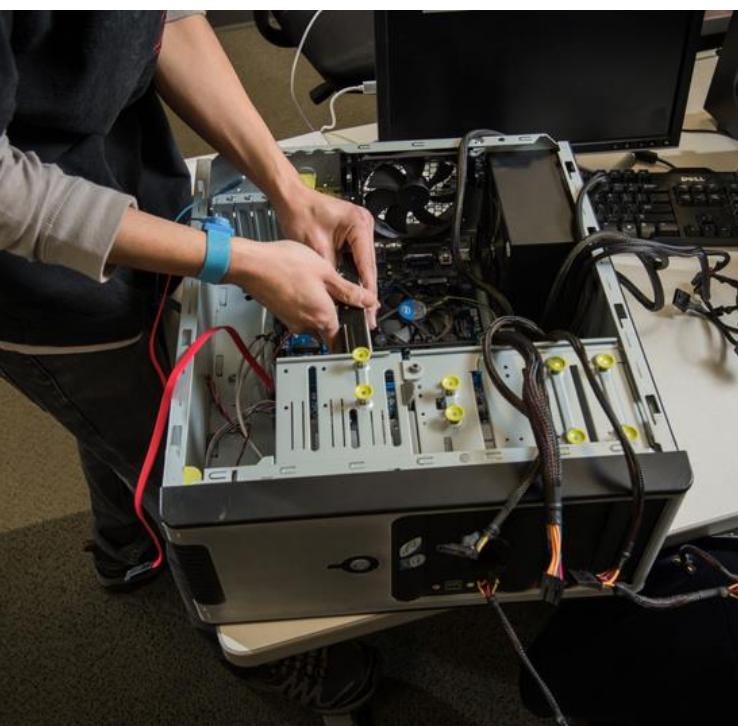
*Fiscal Year 2023 UA Outcomes*

- 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

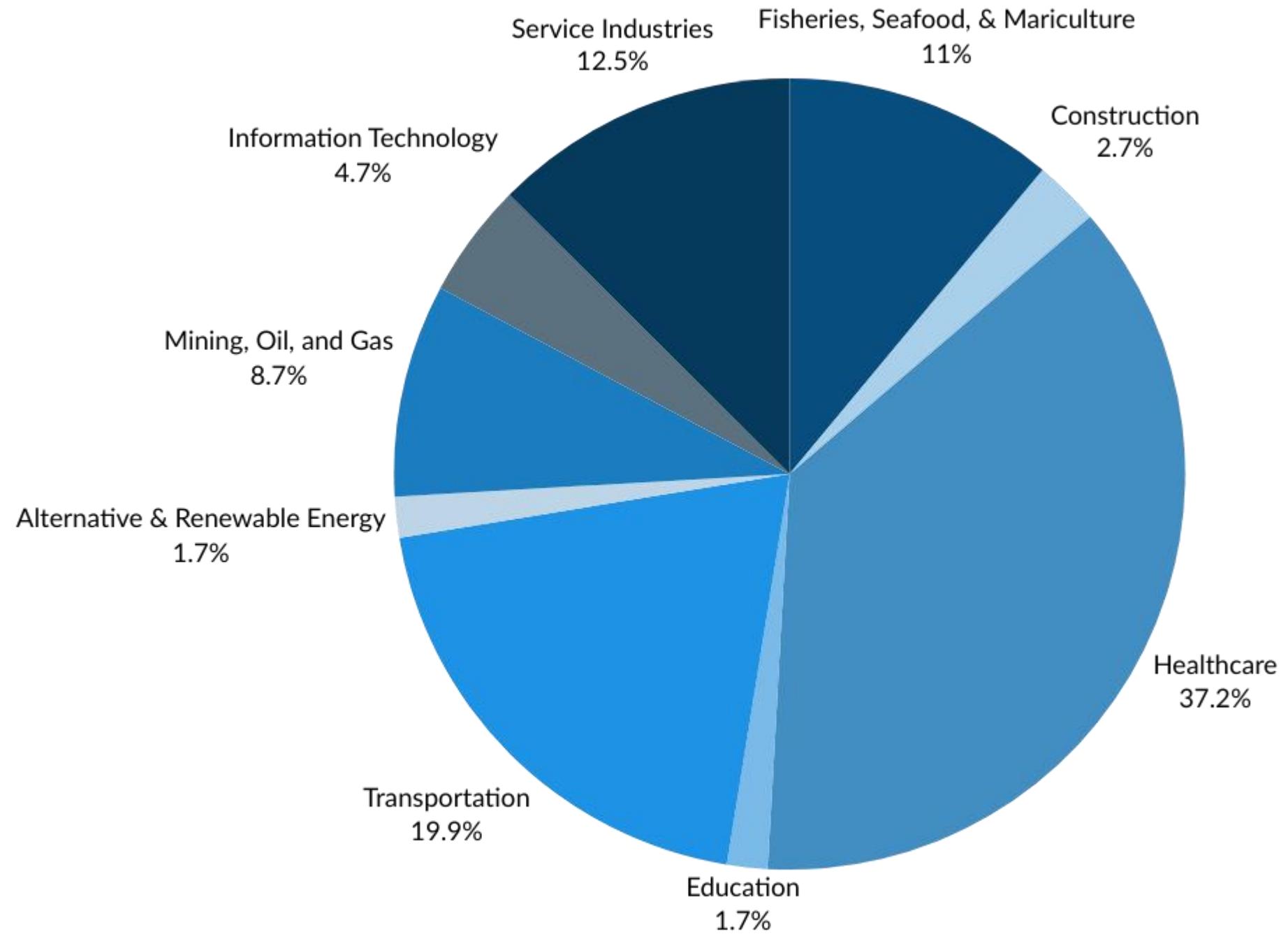


# UA's Competitive Grant Investment Strategies

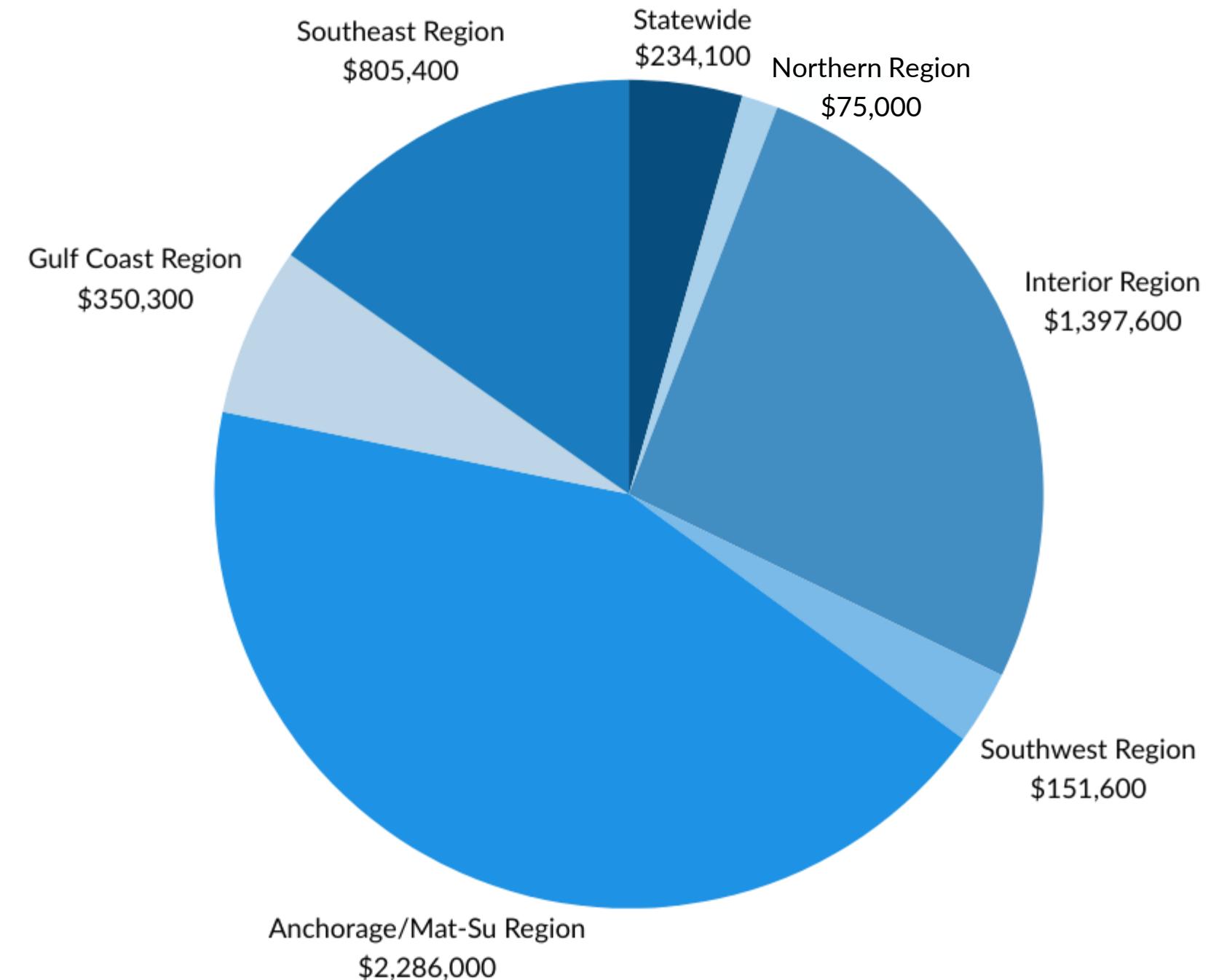
- ▶ Aligns with high-demand and/or regional workforce needs
- ▶ Increases access and flexibility of training delivery
- ▶ Assists with employment, retention, or career advancement
- ▶ Develops or enhances partnerships that strengthen career pathways between secondary, postsecondary, and employers



## High-Demand Industries



## Economic Regions



**8** In addition to these totals, Fairbanks Pipeline Training Center (FPTC) received \$867,300 in pass-through funding to support construction, oil, and gas.

## UA TVEP Supports Alaska's High-Demand Industries



*Education pays – people working jobs in Alaska that require a high school degree earn an average of \$44,679 annually, which jumps to \$63,883 for jobs that require associate degrees, \$86,140 for those that require bachelor degrees, and \$102,511 for jobs in Alaska that require graduate or professional degrees.*

*- Dan Robinson, Research Chief, Alaska Department of Labor and Workforce Development*



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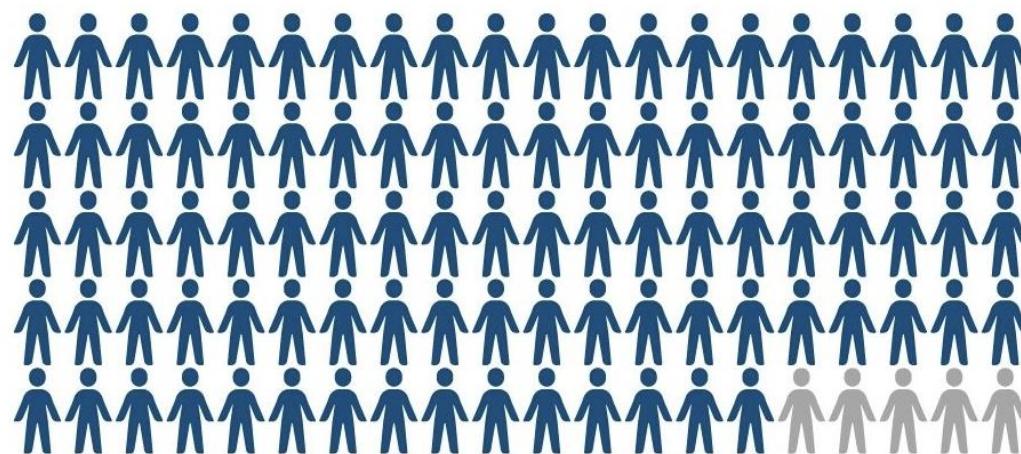
## UA Graduate Outcomes

**26,948**

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

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

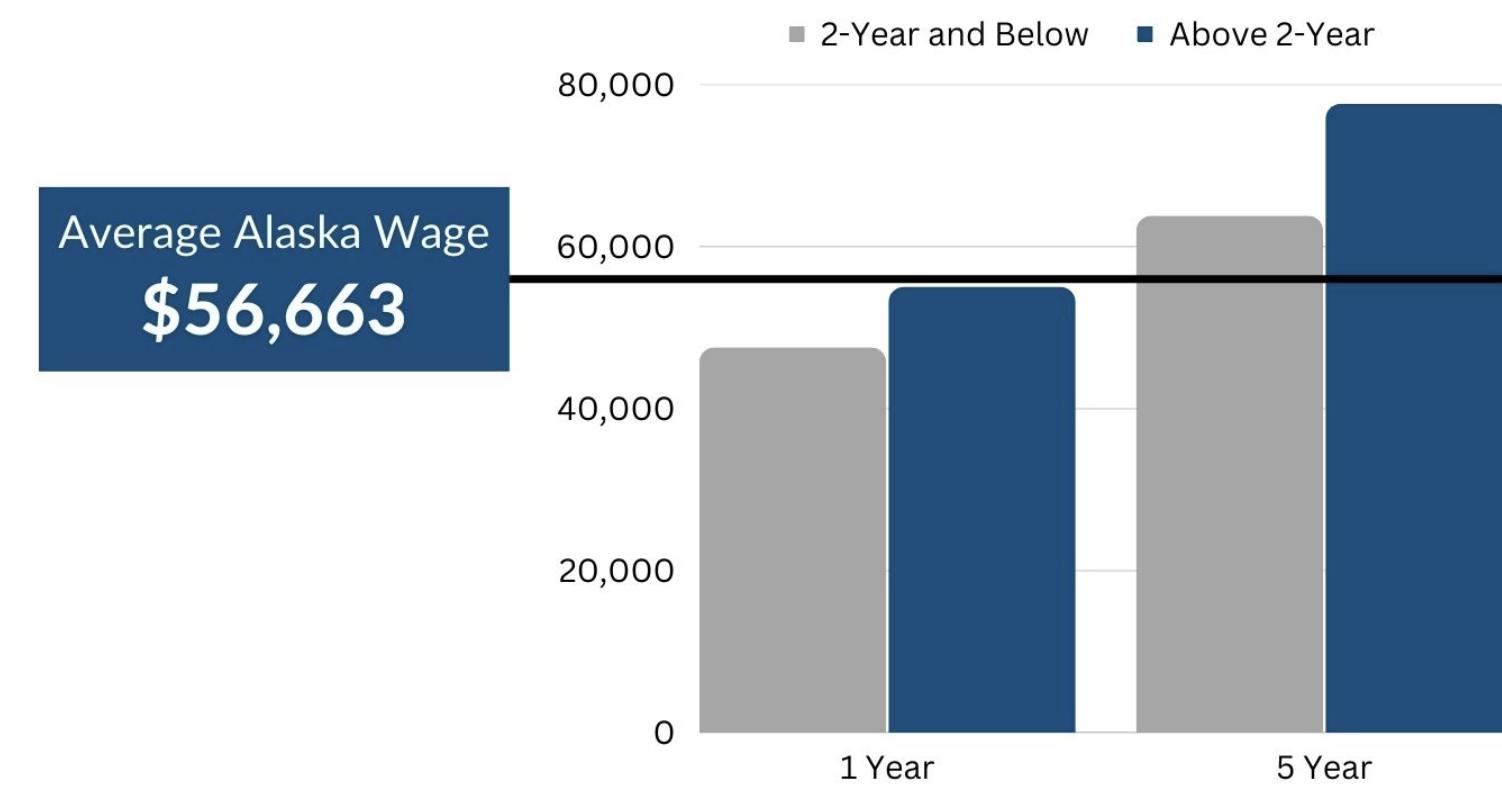


**94.8%**

Of Working Graduates are Alaska Residents

For comparison, residency is 79.8% for All Alaska Workers

### GRADUATES' AVERAGE WAGE

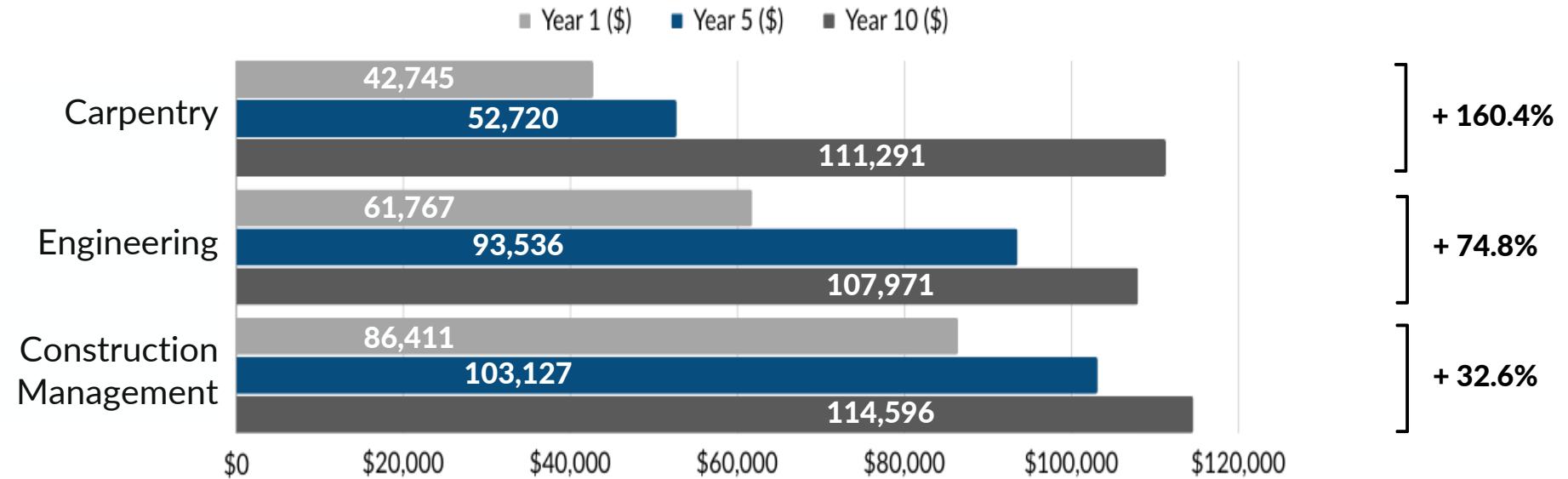


## Construction

**\$570,800**

of TVEP FY23 funding invested in  
UA and Fairbanks Pipeline Training Center  
construction programs

### Wage Growth of High-Demand Jobs



### Construction Graduates' Average Wage

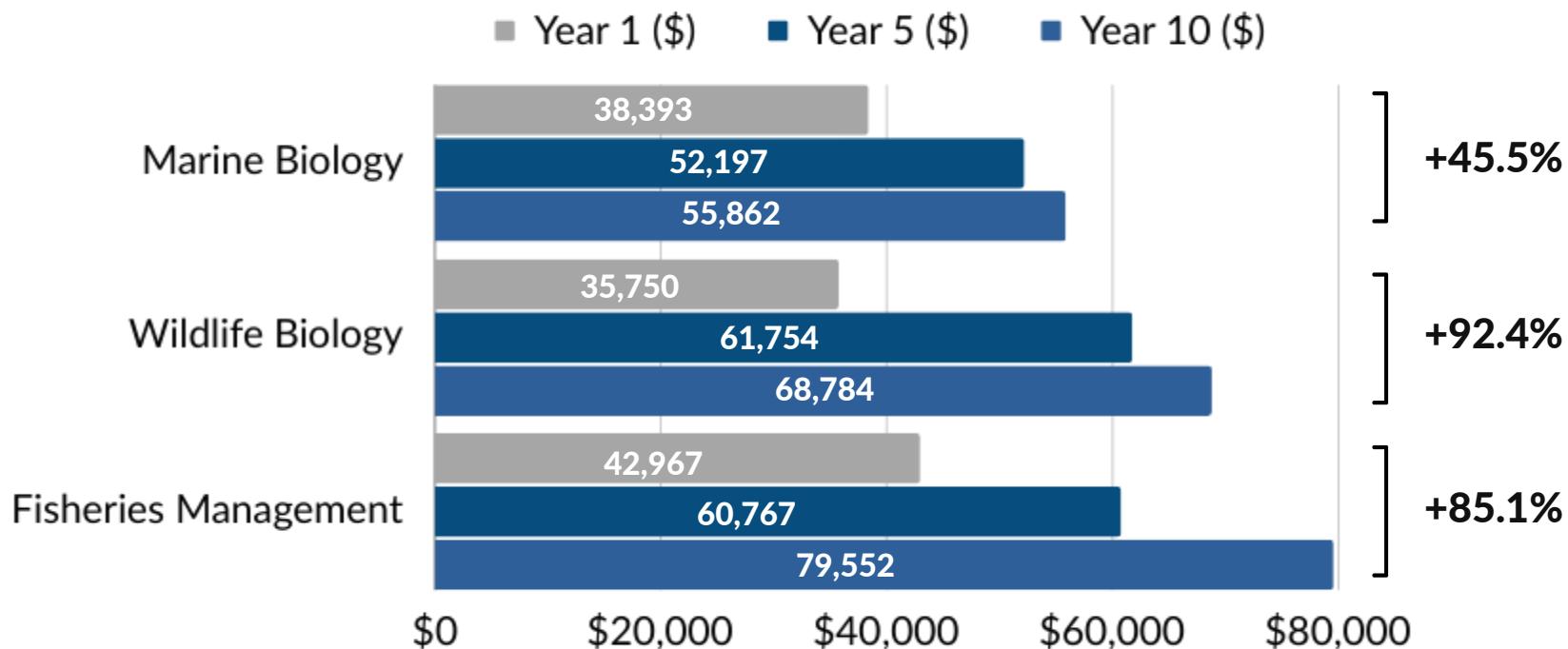


Employment data provided by the Alaska Department of Labor and Workforce Development's Research and Analysis Section

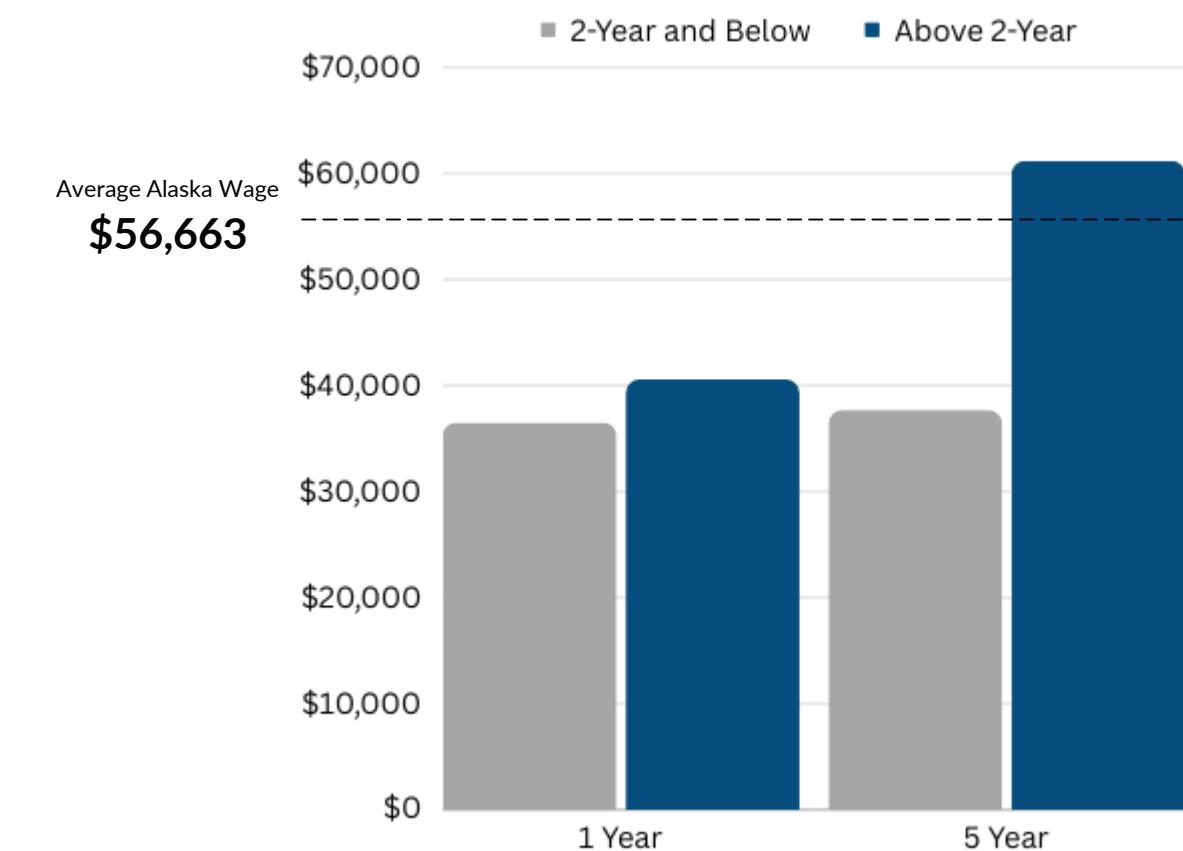
## Fisheries, Seafood & Mariculture

**\$585,600**  
of TVEP FY23 funding invested in  
UA fisheries, seafood, and mariculture programs

### Wage Growth of High-Demand Jobs



### Fisheries, Seafood & Mariculture Graduates' Average Wage

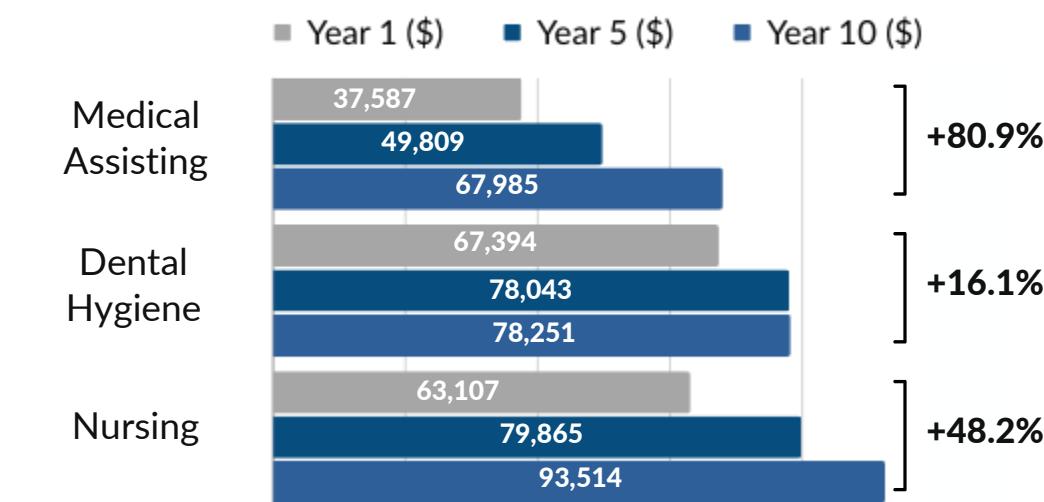


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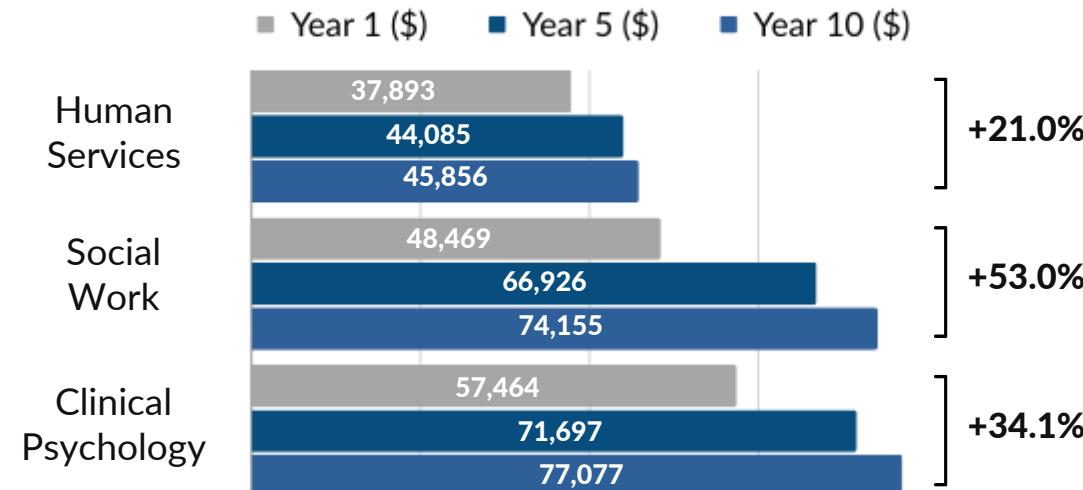
Healthcare  
**\$1,969,000**  
 of TVEP FY23 funding  
 invested in  
 UA healthcare programs

## Wage Growth of High-Demand Jobs

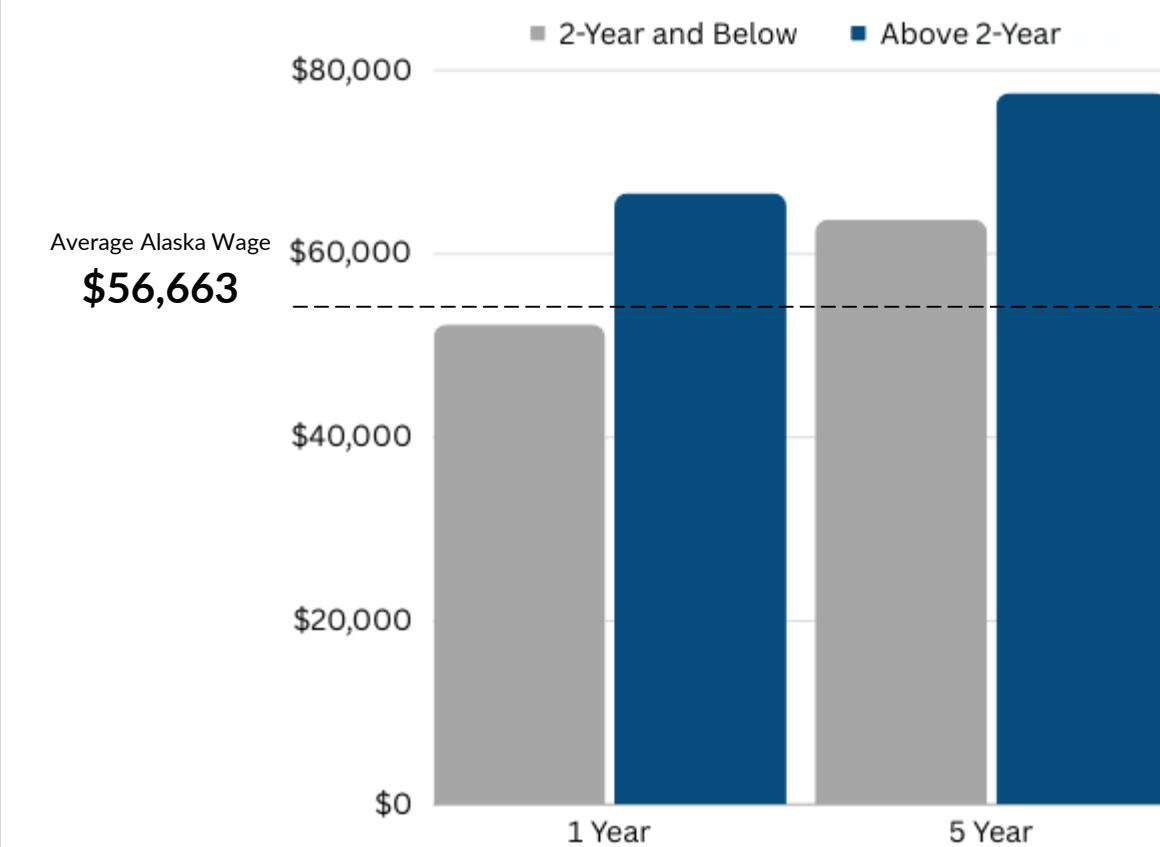
### Clinical



### Behavioral



## Healthcare Graduates' Average Wage

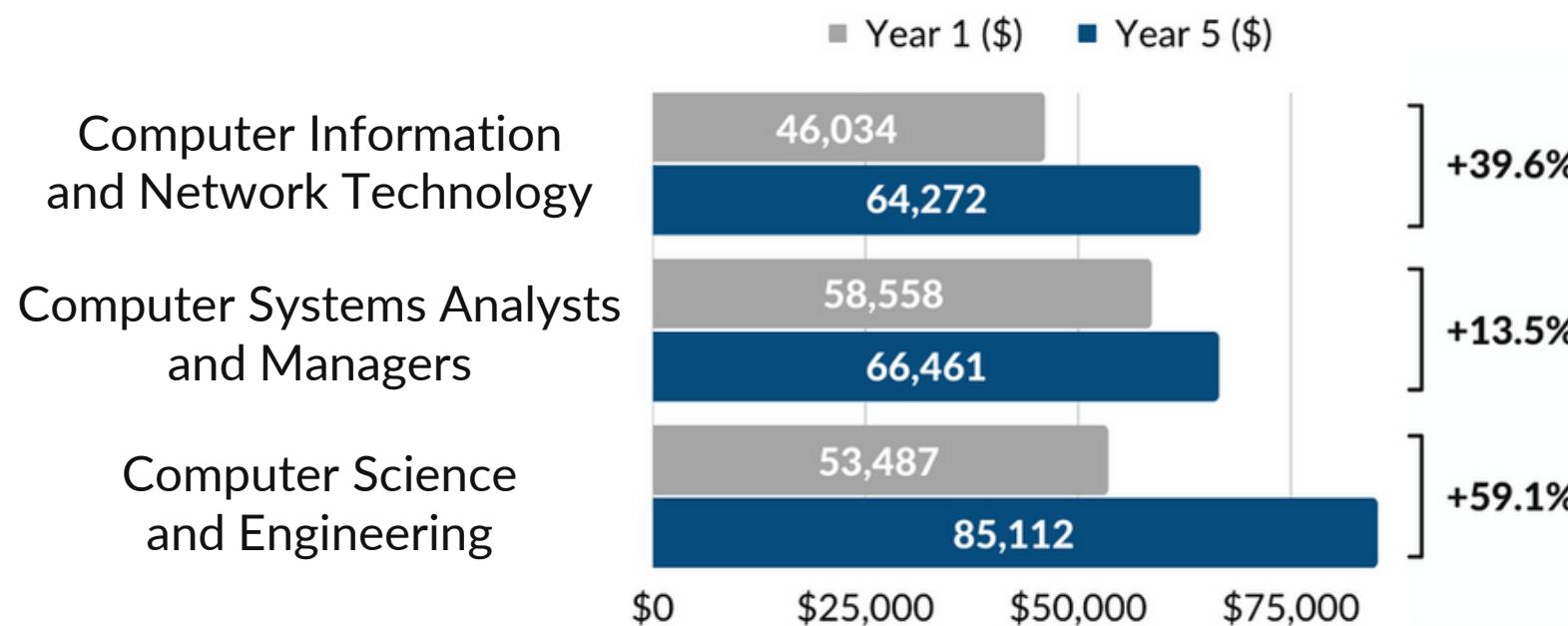


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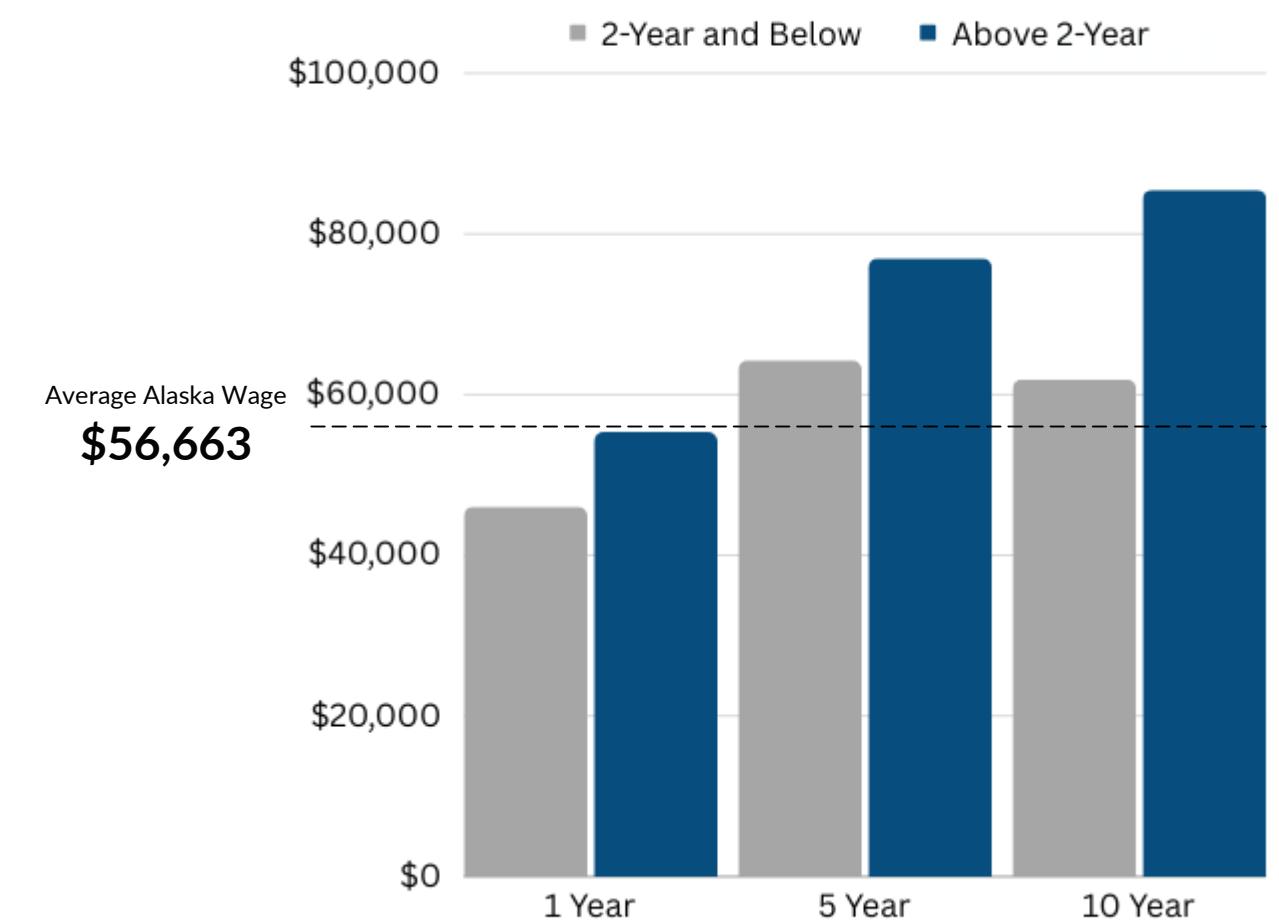
## Information Technology

**\$248,700**  
of TVEP FY23 funding invested in  
UA information technology programs

### Wage Growth of High-Demand Jobs



### Information Technology Graduates' Average Wage



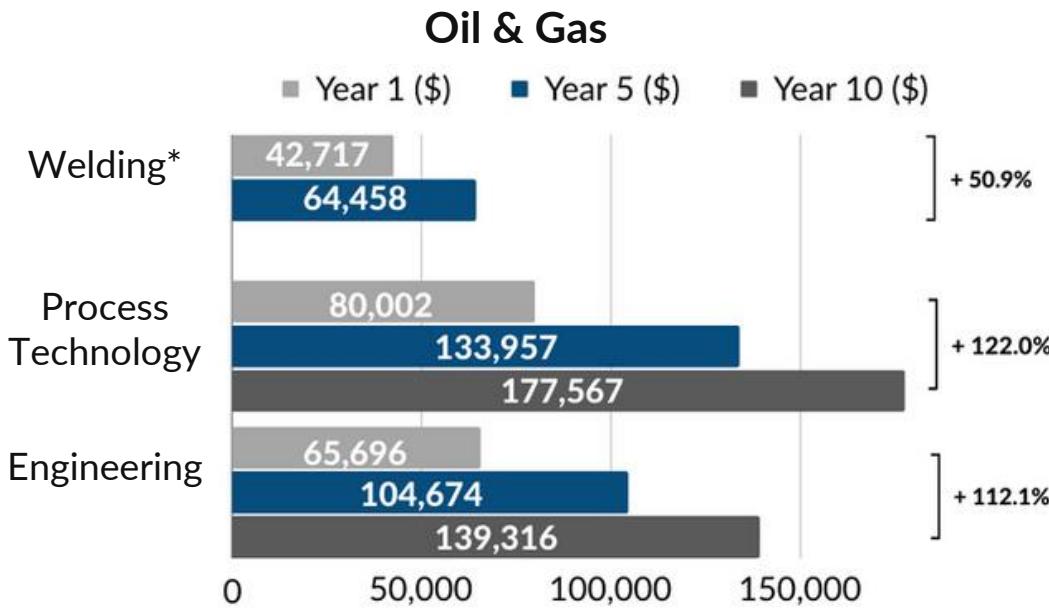
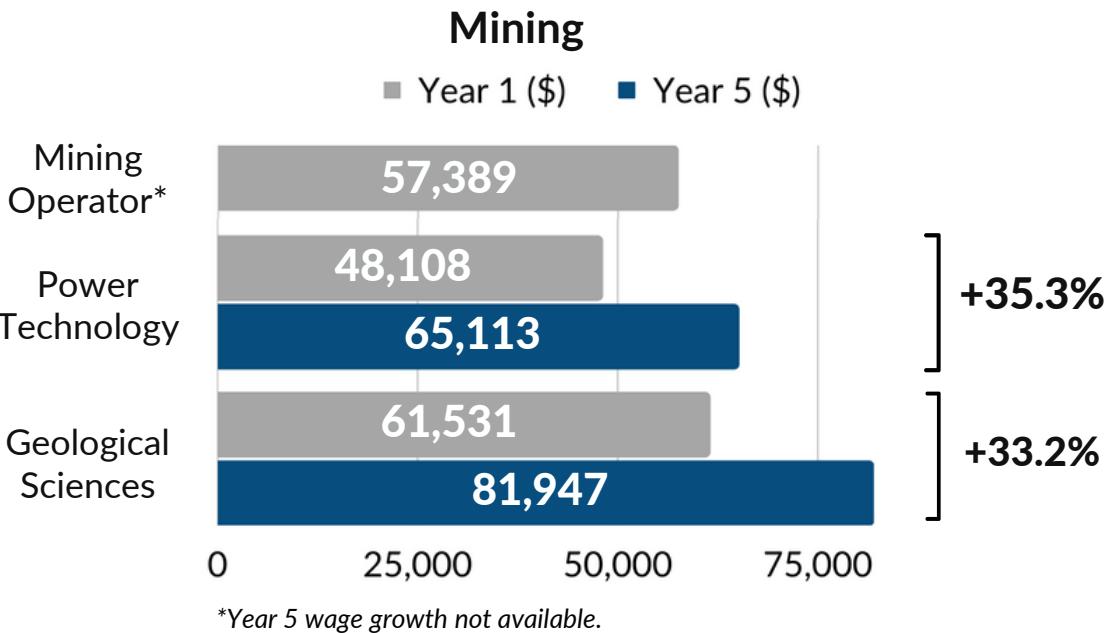
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## Mining, Oil, & Gas

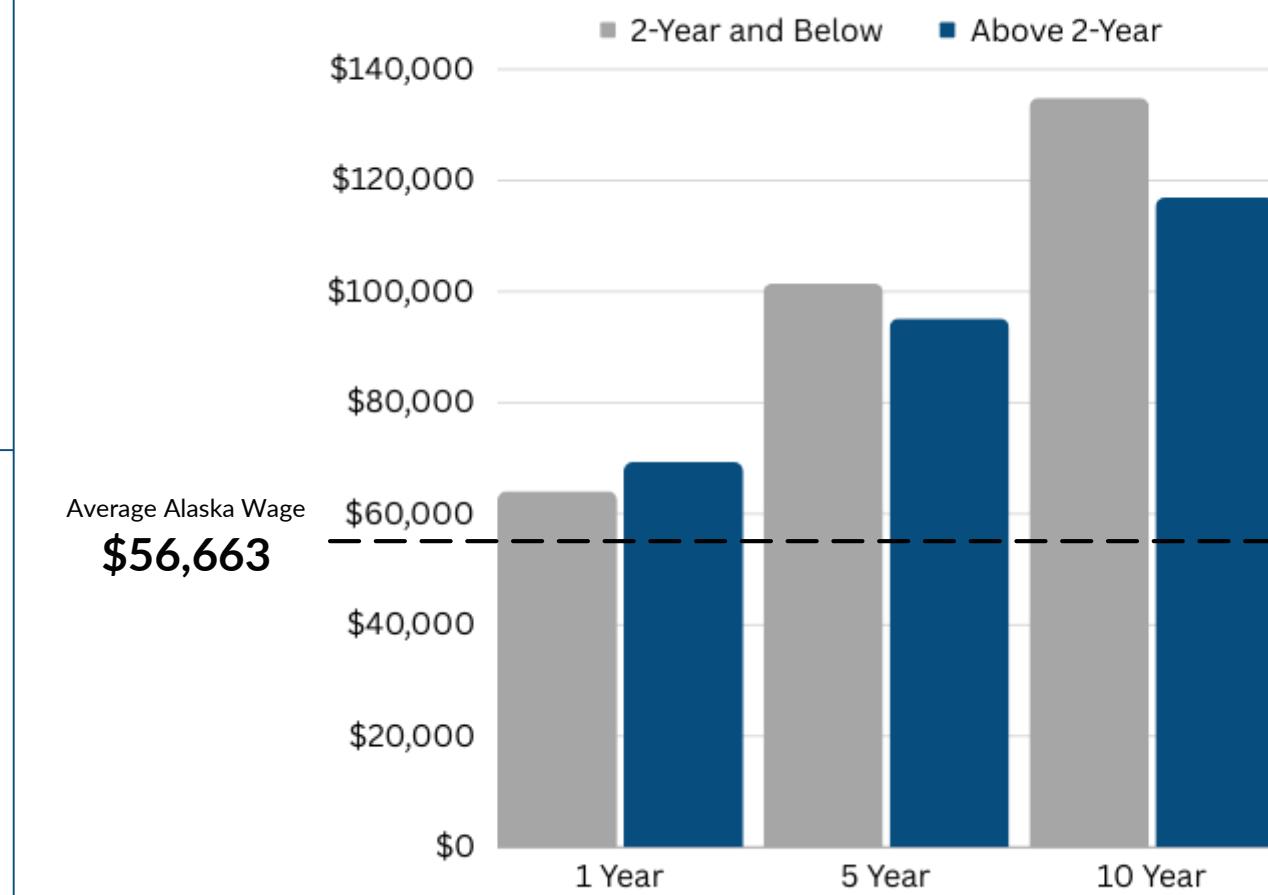
**\$593,000**

of TVEP FY23 funding invested in  
UA and Fairbanks Pipeline and Training  
Center mining, oil, and gas programs

### Wage Growth of High-Demand Jobs



### Mining, Oil, and Gas Graduates' Average Wage

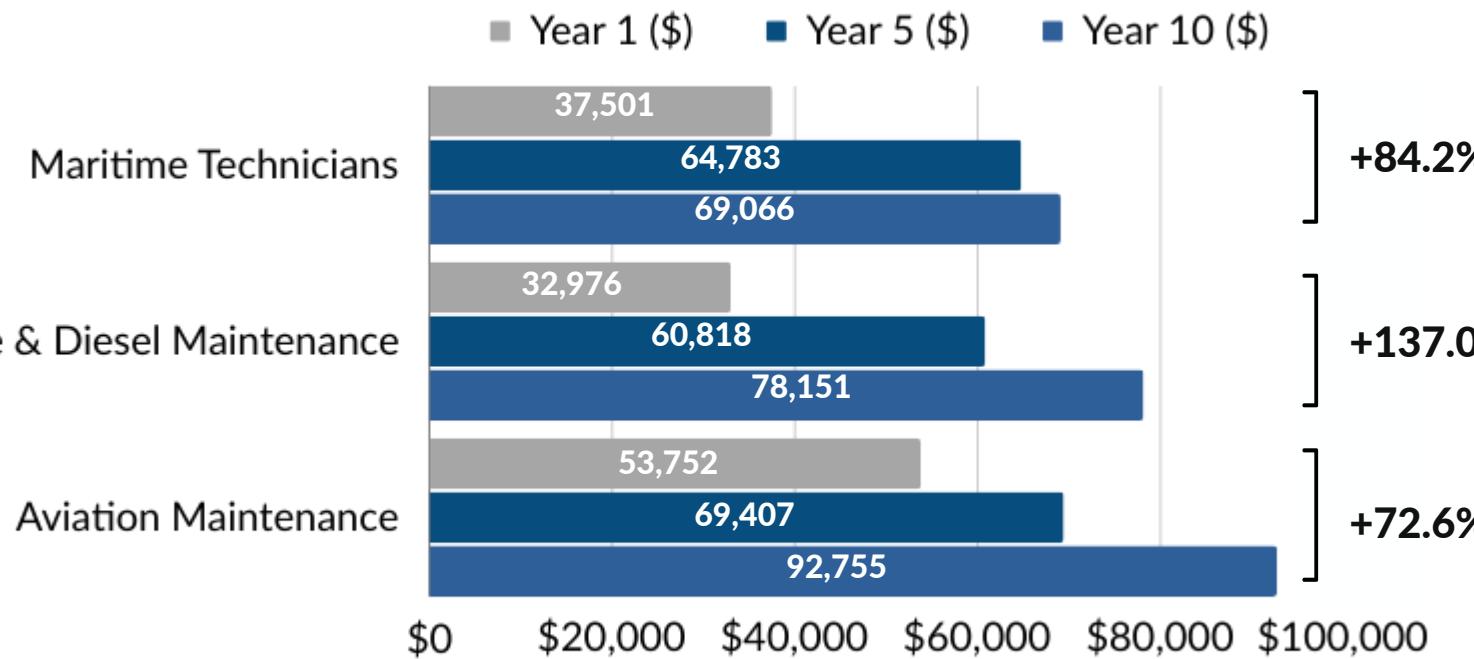


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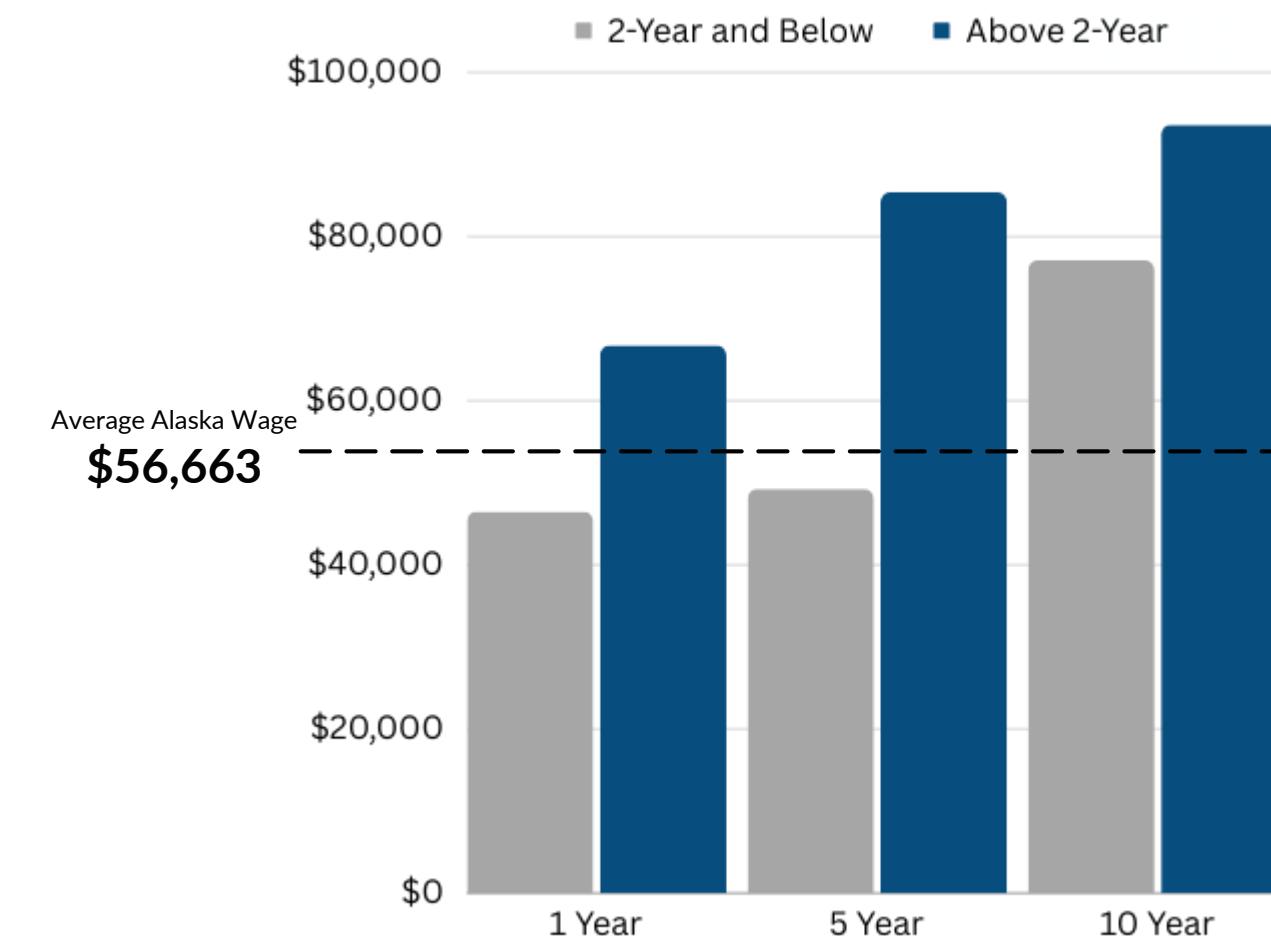
# Transportation

**\$1,053,200**  
of TVEP FY23 funding invested in  
UA transportation programs

## Wage Growth of High-Demand Jobs



## Transportation Graduates' Average Wage



Employment data provided by the Alaska Department of Labor and Workforce Development's Research and Analysis Section



## UA Strongly Supports the Reauthorization of TVEP that Assists in...

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



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