

UNIVERSITY OF ALASKA

Delivering Alaska's Technical Vocational Education Program

2024

UA System

Three Universities, One System

16+

Colleges, campuses, and extension sites providing access statewide

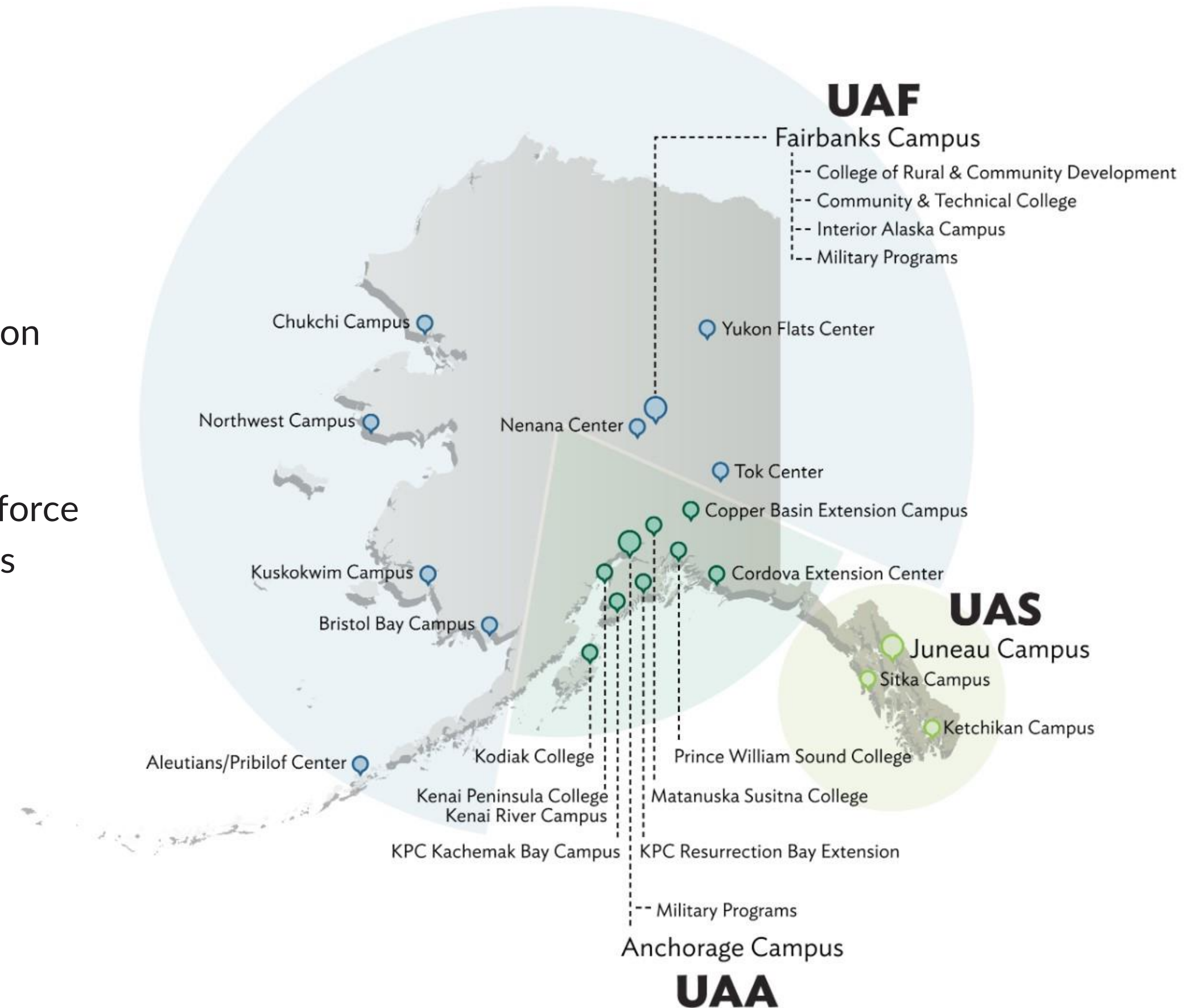
400+

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
Yuut Elitnaurviat	9.0%	\$1,233,500	470	46	516	\$2,391
University of Alaska*	45.0%	\$6,167,300	3,550	1,294	4,844	\$1,273
Totals	100.0%	\$13,714,000	6,371	2,157	8,528	\$1,608

**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

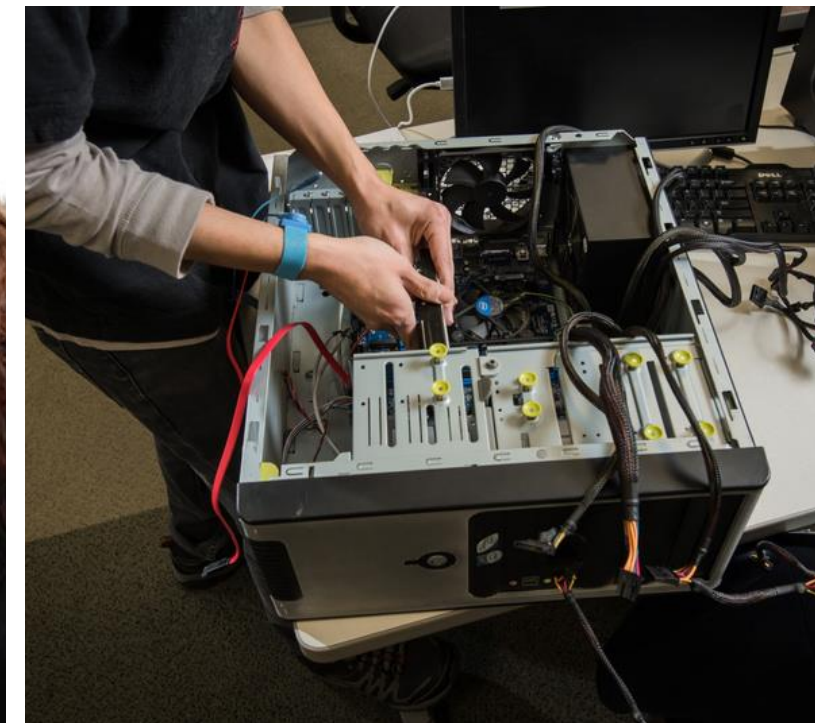
Technical and Vocational Education Program Report

State Fiscal Year 2023

A report prepared for the Alaska Legislature
and the Alaska Workforce Investment Board
by the Alaska Department of Labor and Workforce Development

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

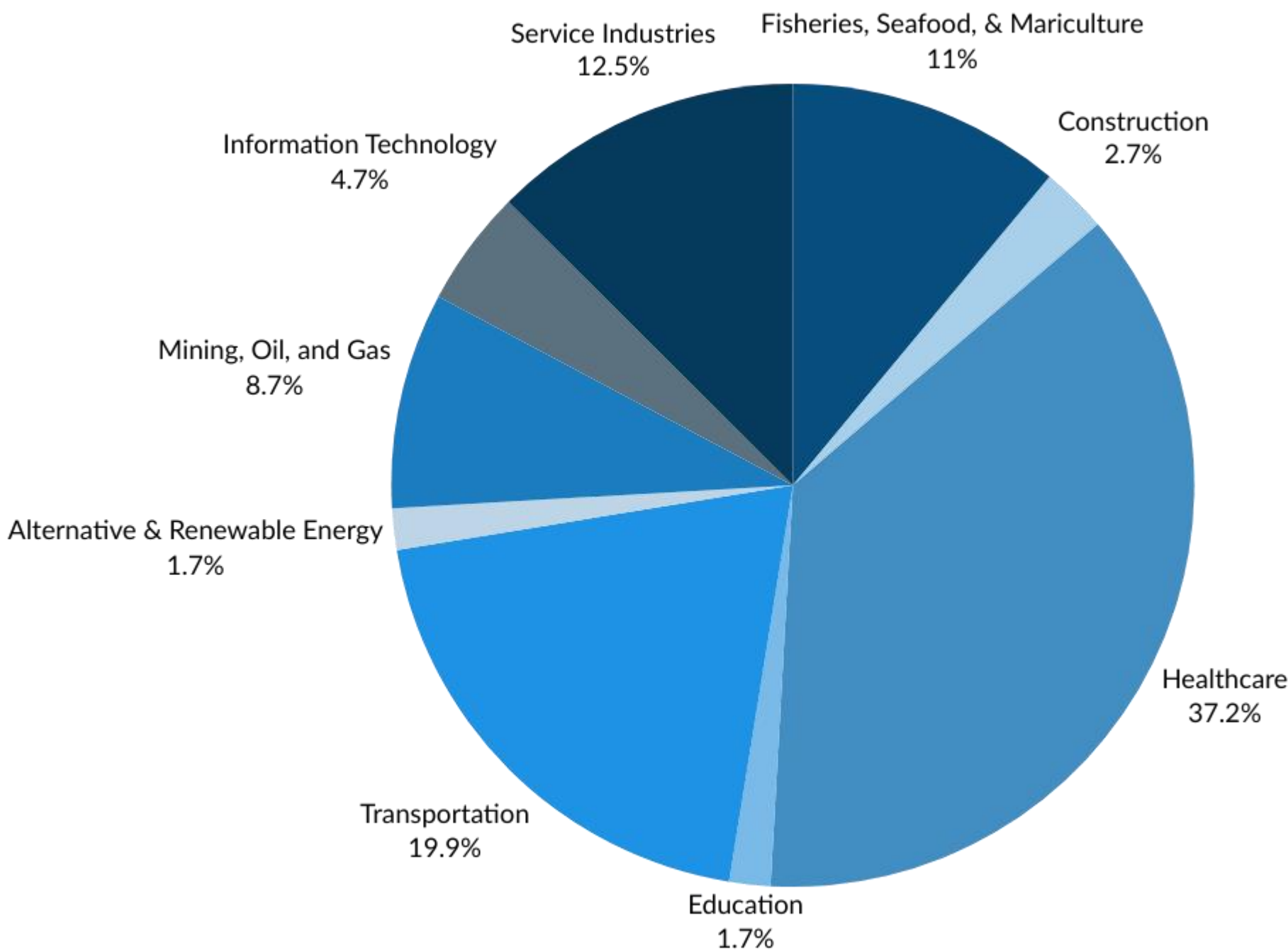


UA TVEP Support Alaska's...

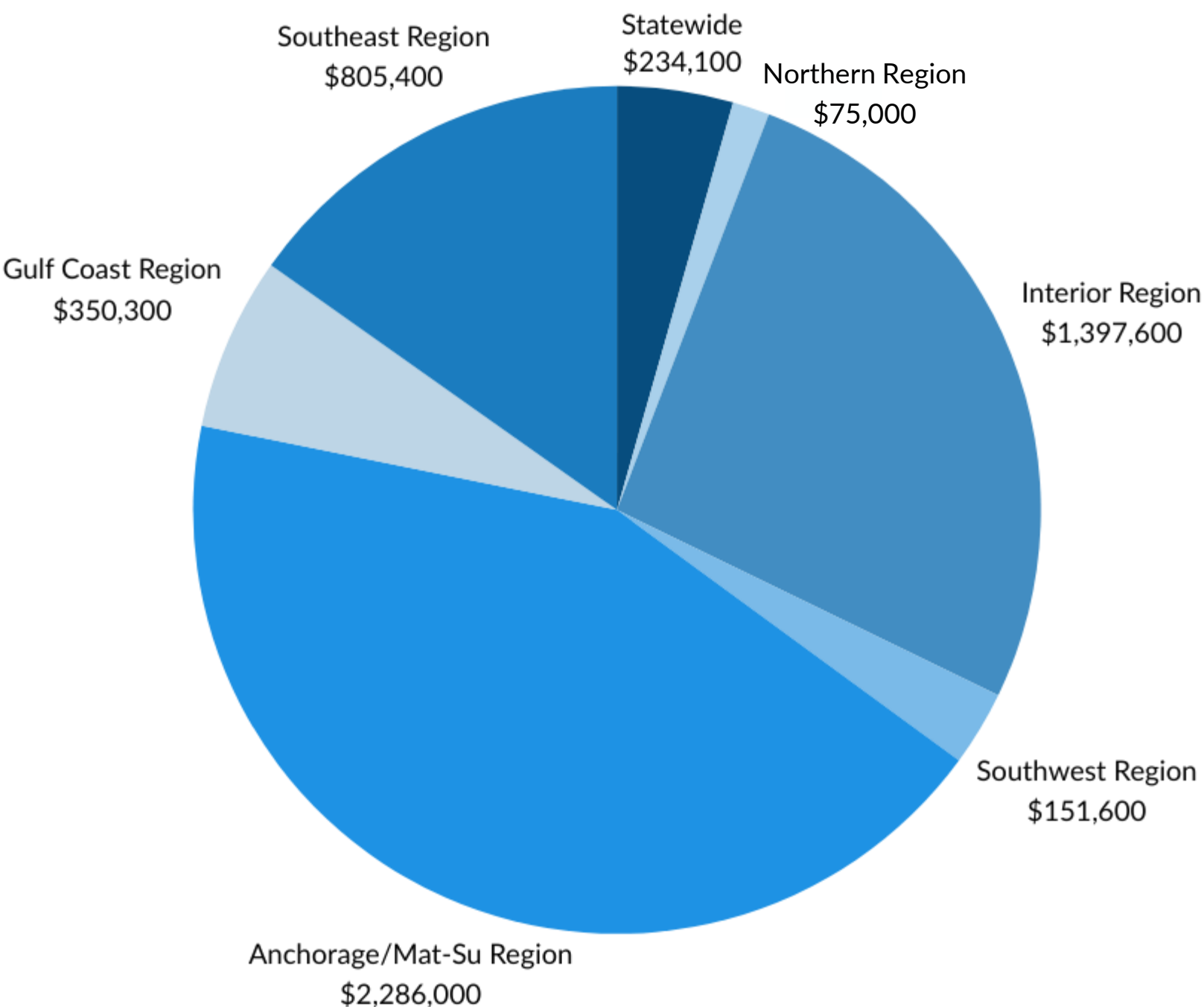
UA TVEP

Industry & Regional Impact

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



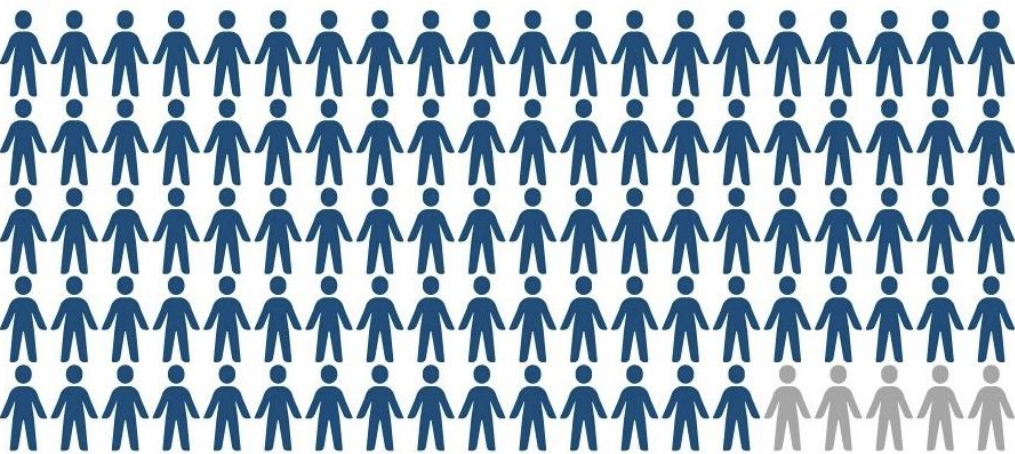
UA Graduate Outcomes

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

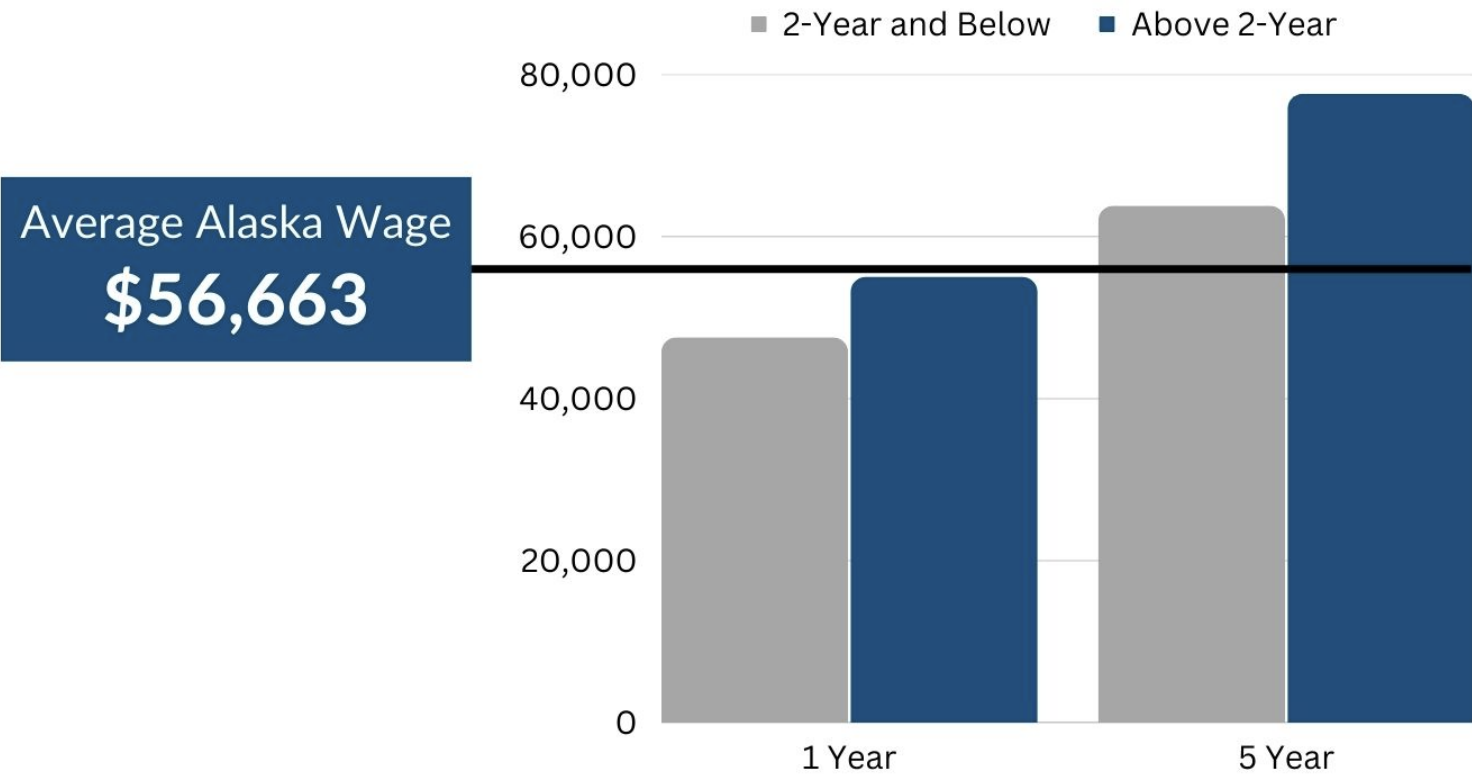
BOOST ALASKA’S HIRE RATE



94.8%
Of Working Graduates
are Alaska Residents

For comparison, residency is 79.8% for All Alaska Workers

GRADUATES' AVERAGE WAGE



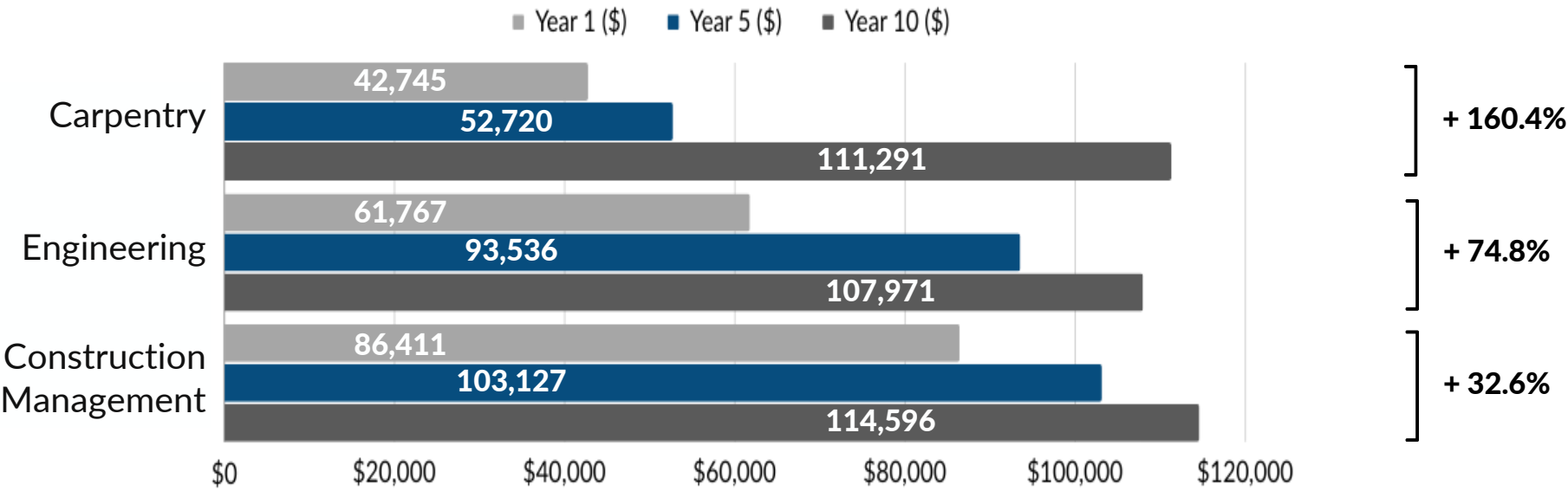
Average Alaska Wage
\$56,663

Construction

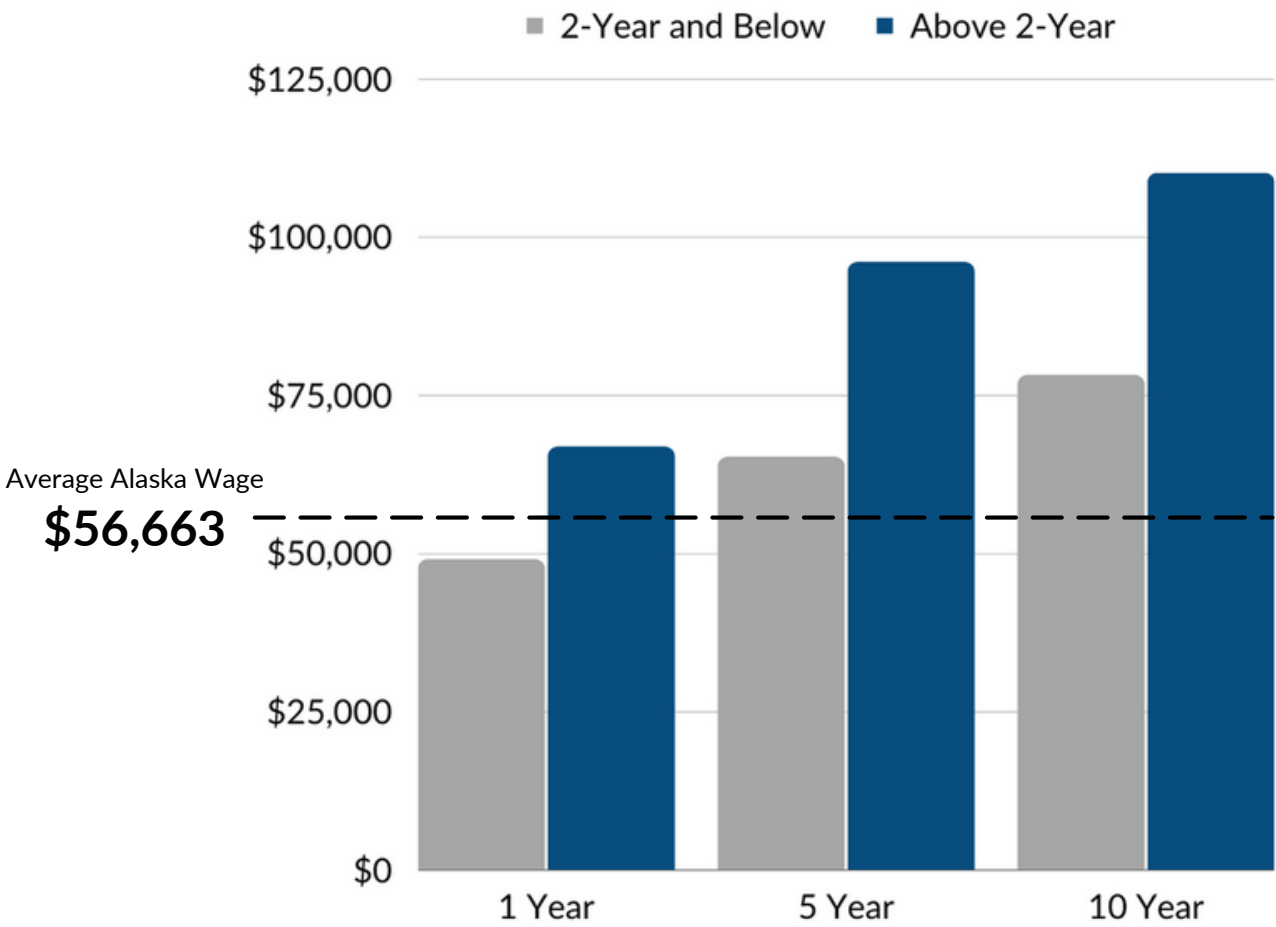
\$570,800

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

Wage Growth of High-Demand Jobs



Construction Graduates' Average Wage



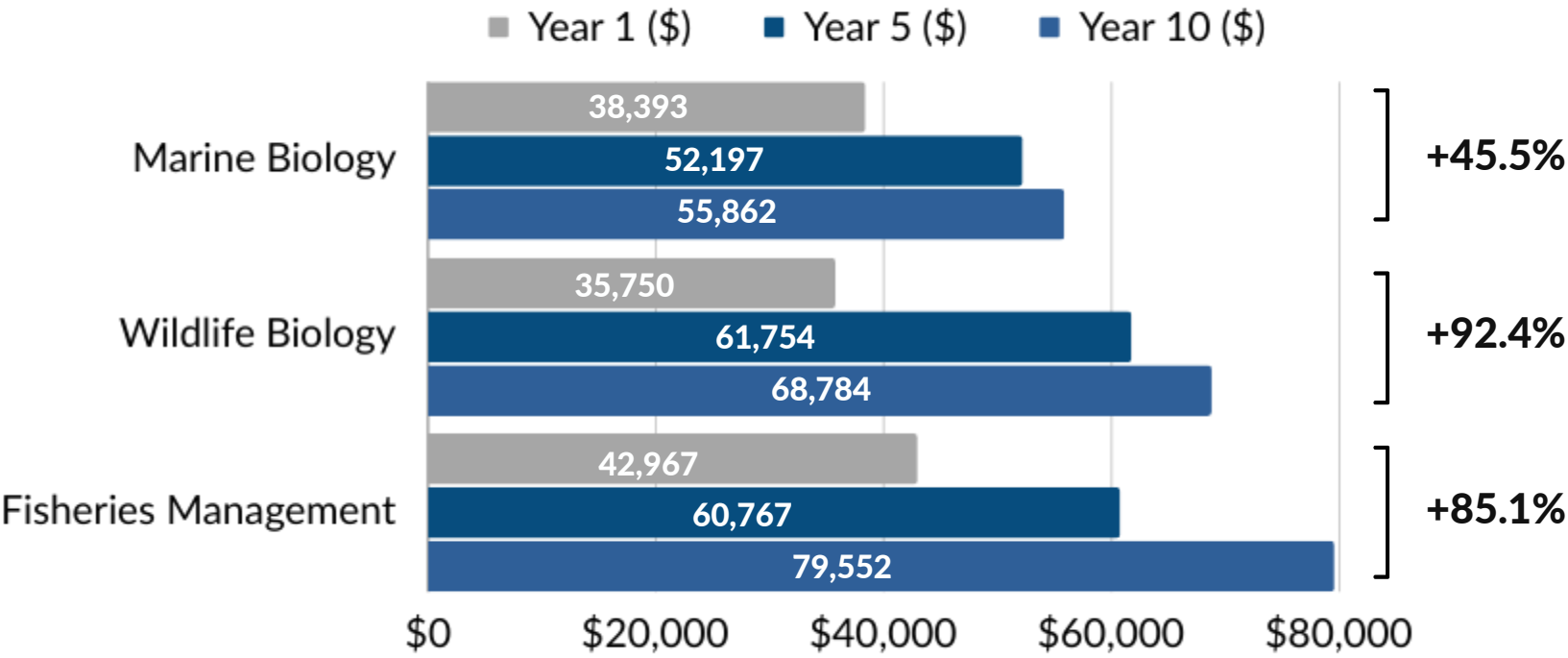
Employment data provided by the Alaska Department of Labor and Workforce Development's Research and Analysis Section

Fisheries, Seafood & Mariculture

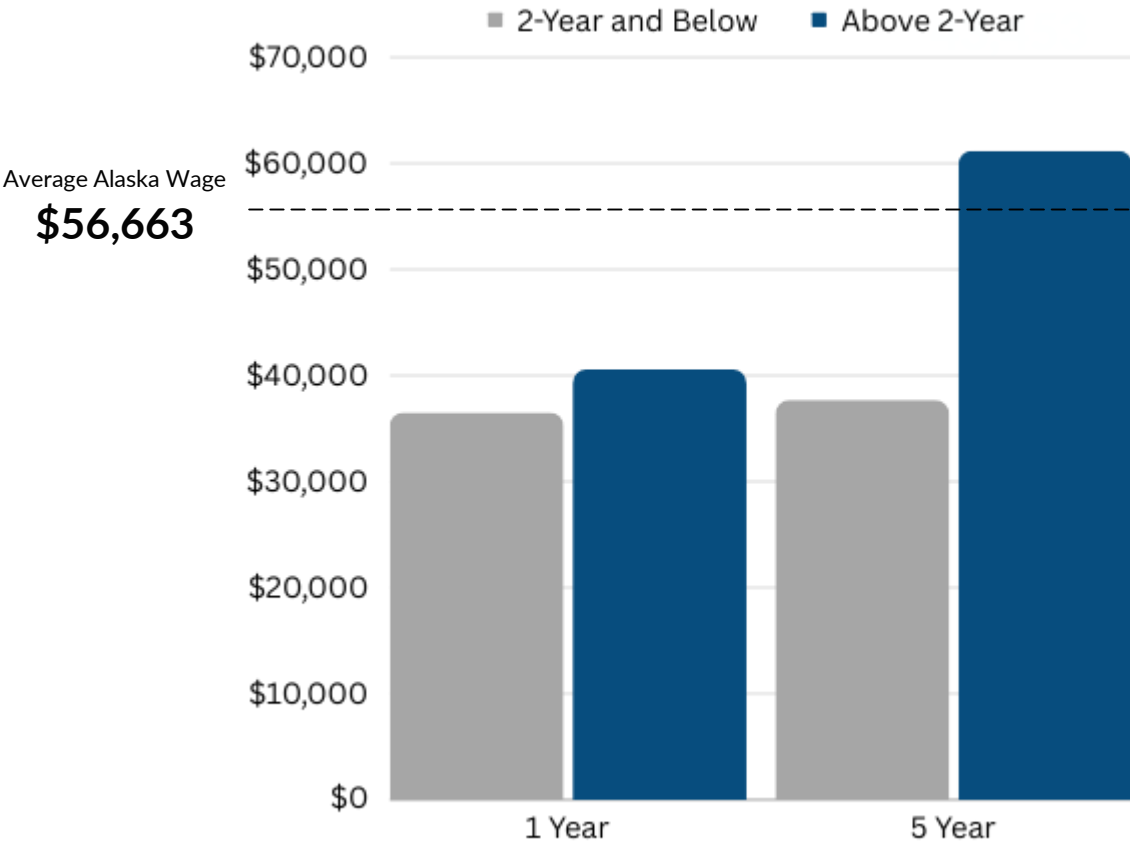
\$585,600

of TVEP FY23 funding invested in
UA fisheries, seafood, and mariculture programs

Wage Growth of High-Demand Jobs



Fisheries, Seafood & Mariculture
Graduates' Average Wage



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

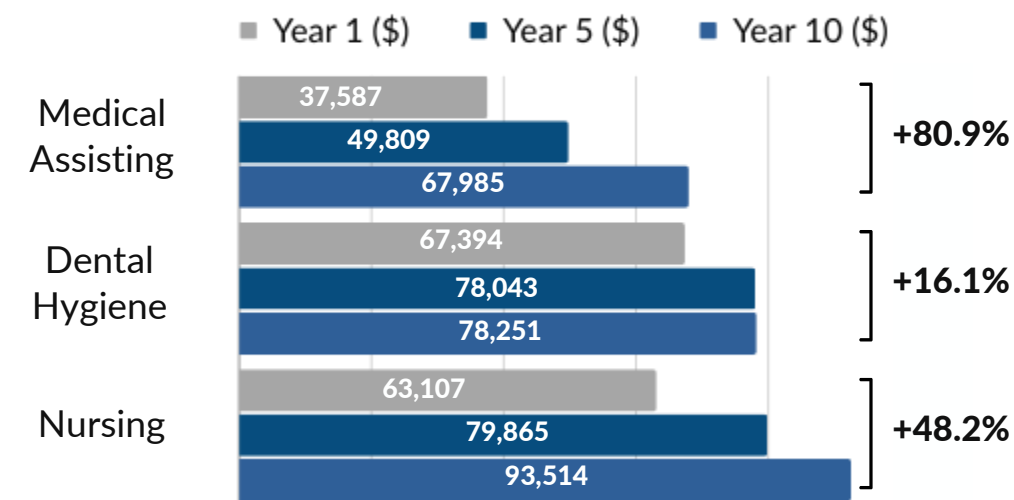
Healthcare

\$1,969,000

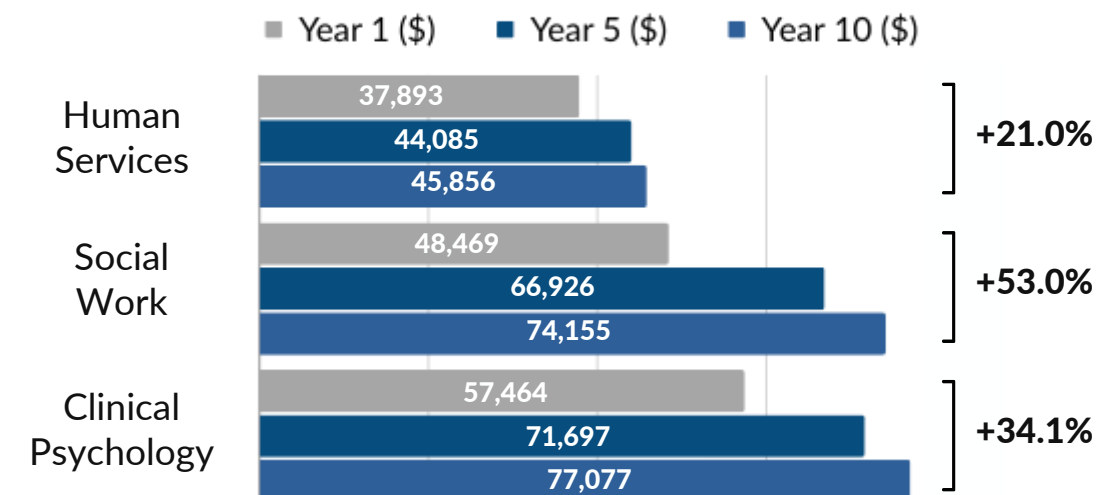
of TVEP FY23 funding
invested in
UA healthcare programs

Wage Growth of High-Demand Jobs

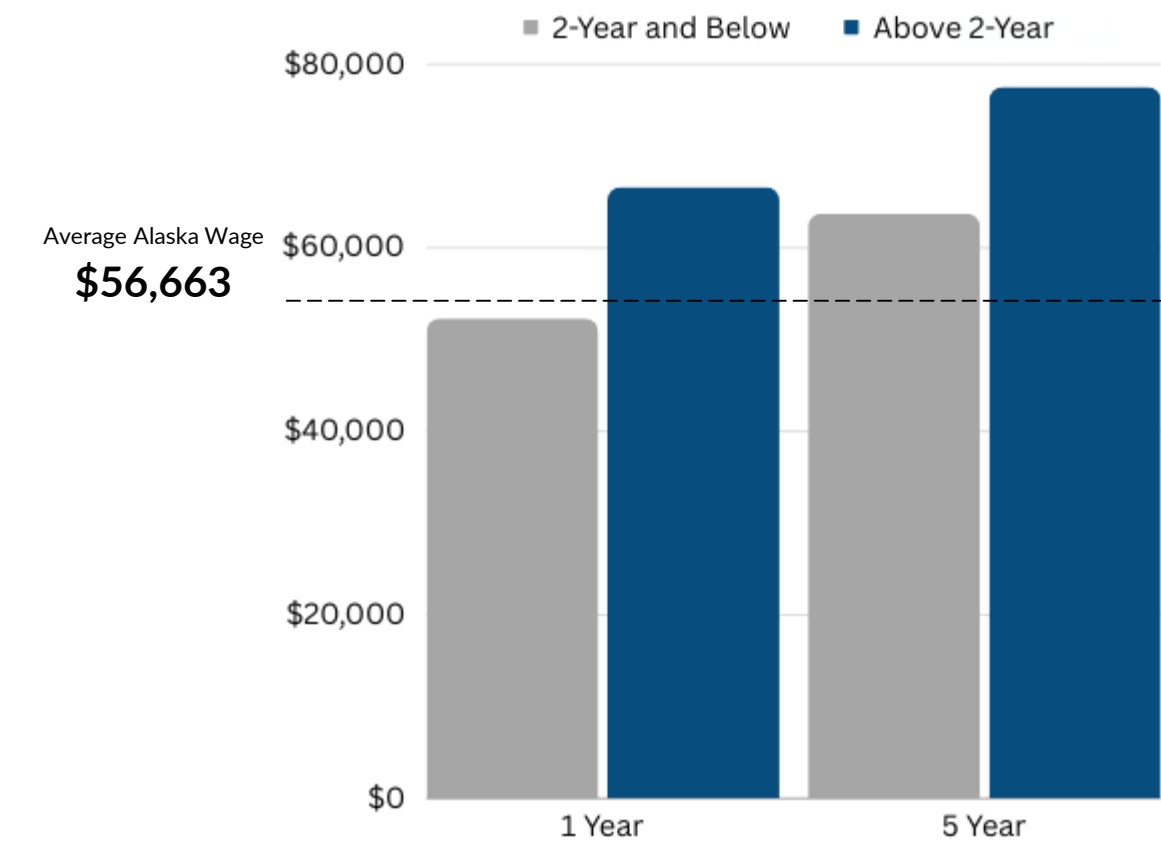
Clinical



Behavioral



Healthcare Graduates' Average Wage



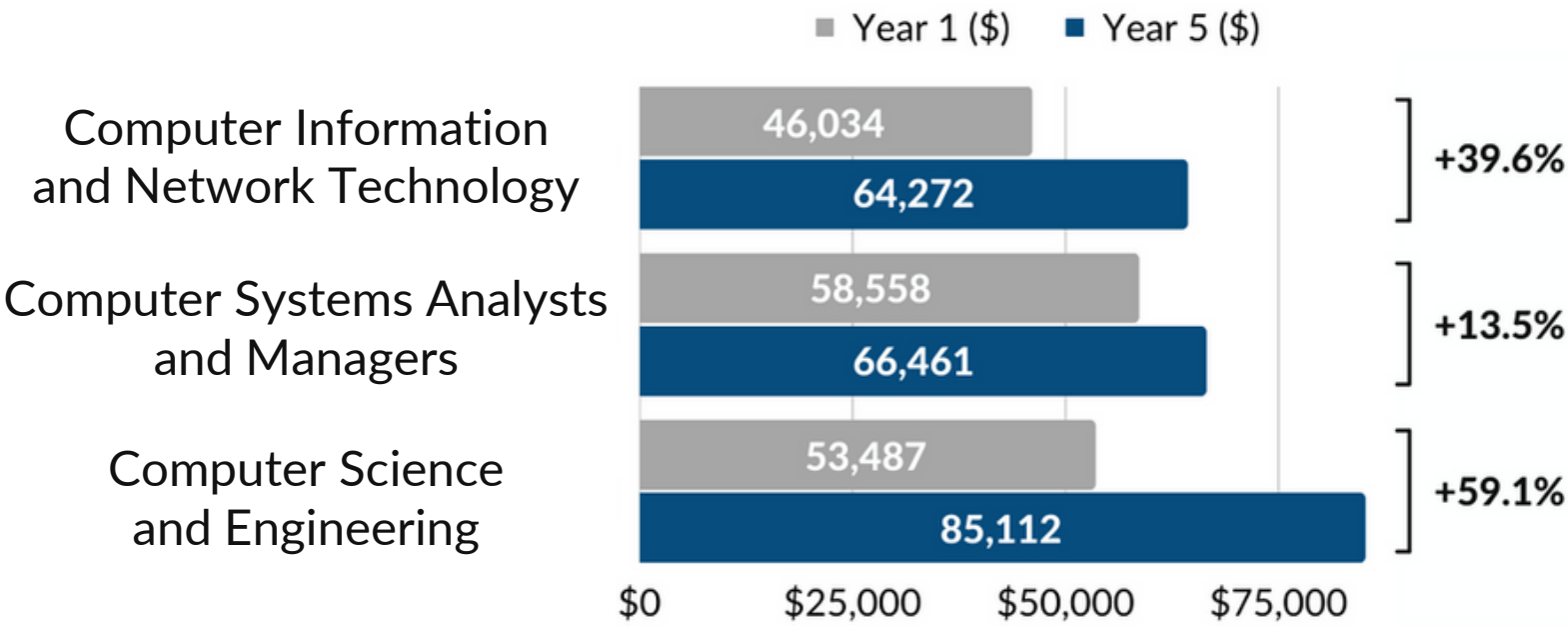
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Information Technology

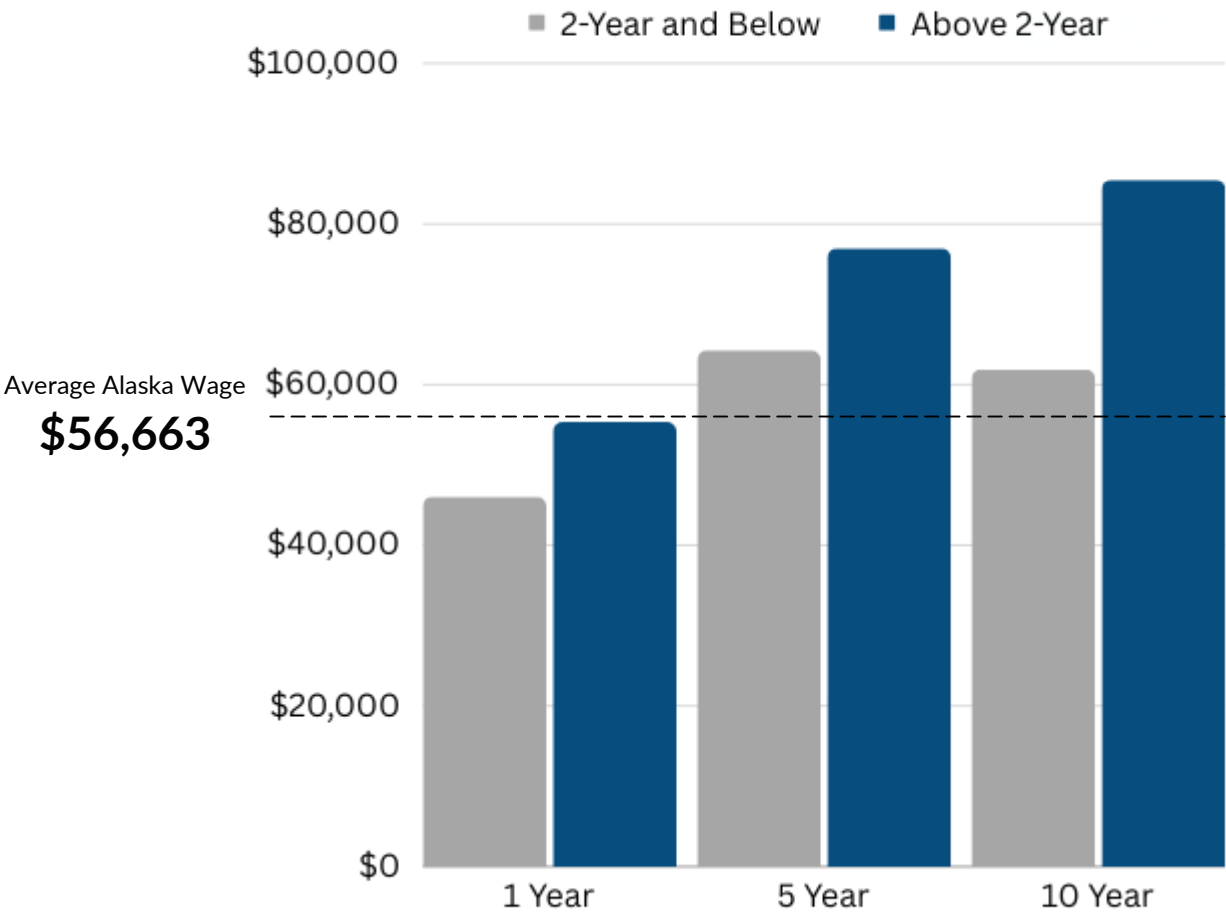
\$248,700

of TVEP FY23 funding invested in
UA information technology programs

Wage Growth of High-Demand Jobs



Information Technology Graduates' Average Wage



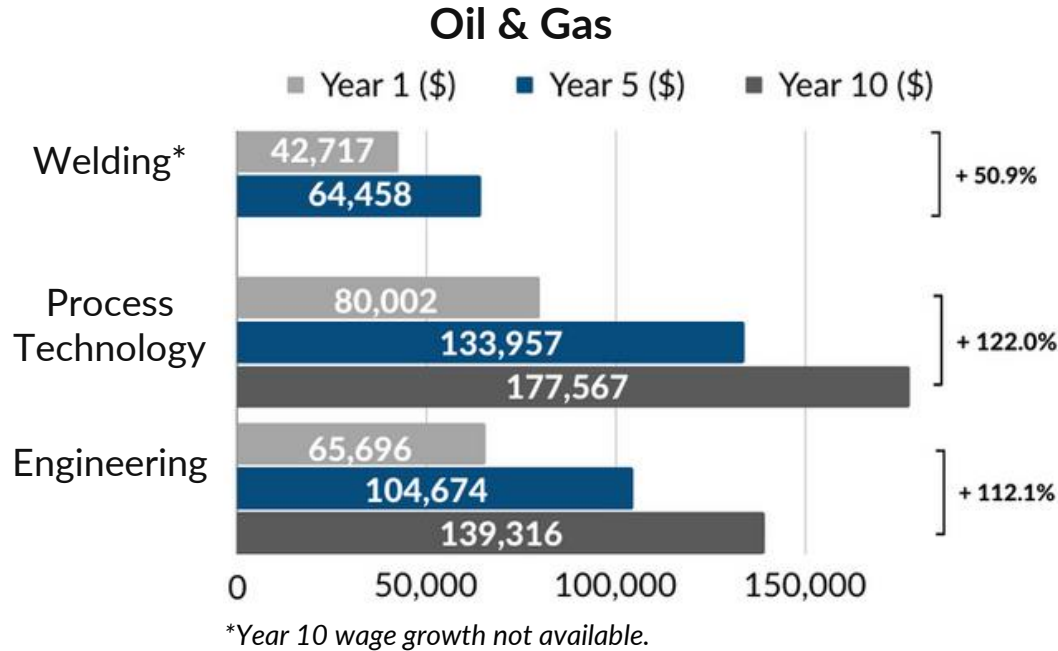
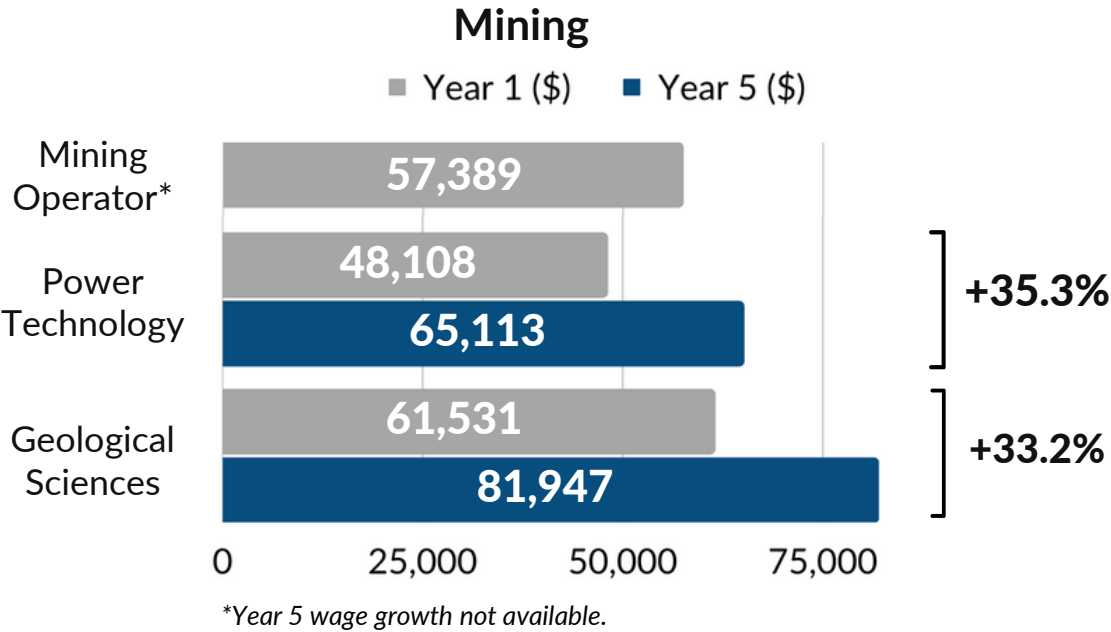
Employment data provided by the Alaska Department of Labor and Workforce Development's Research and Analysis Section

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



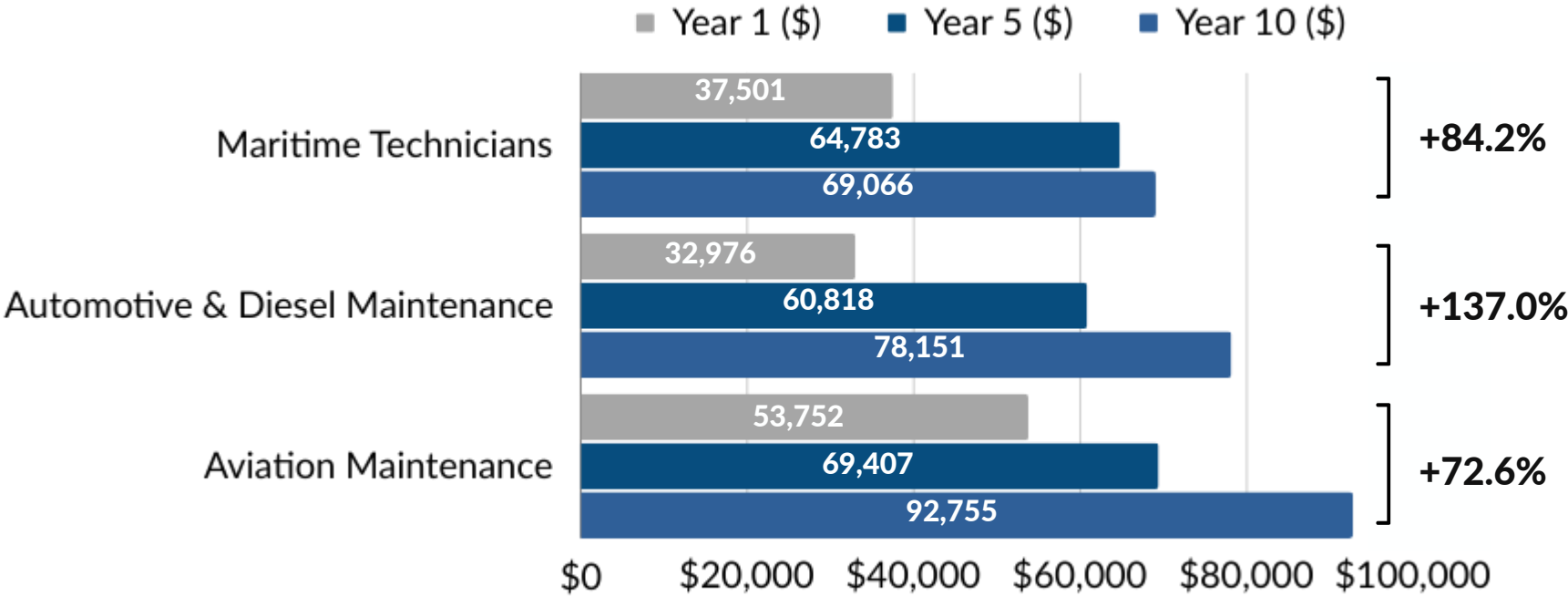
Employment data provided by the Alaska Department of Labor and Workforce Development's Research and Analysis Section

Transportation

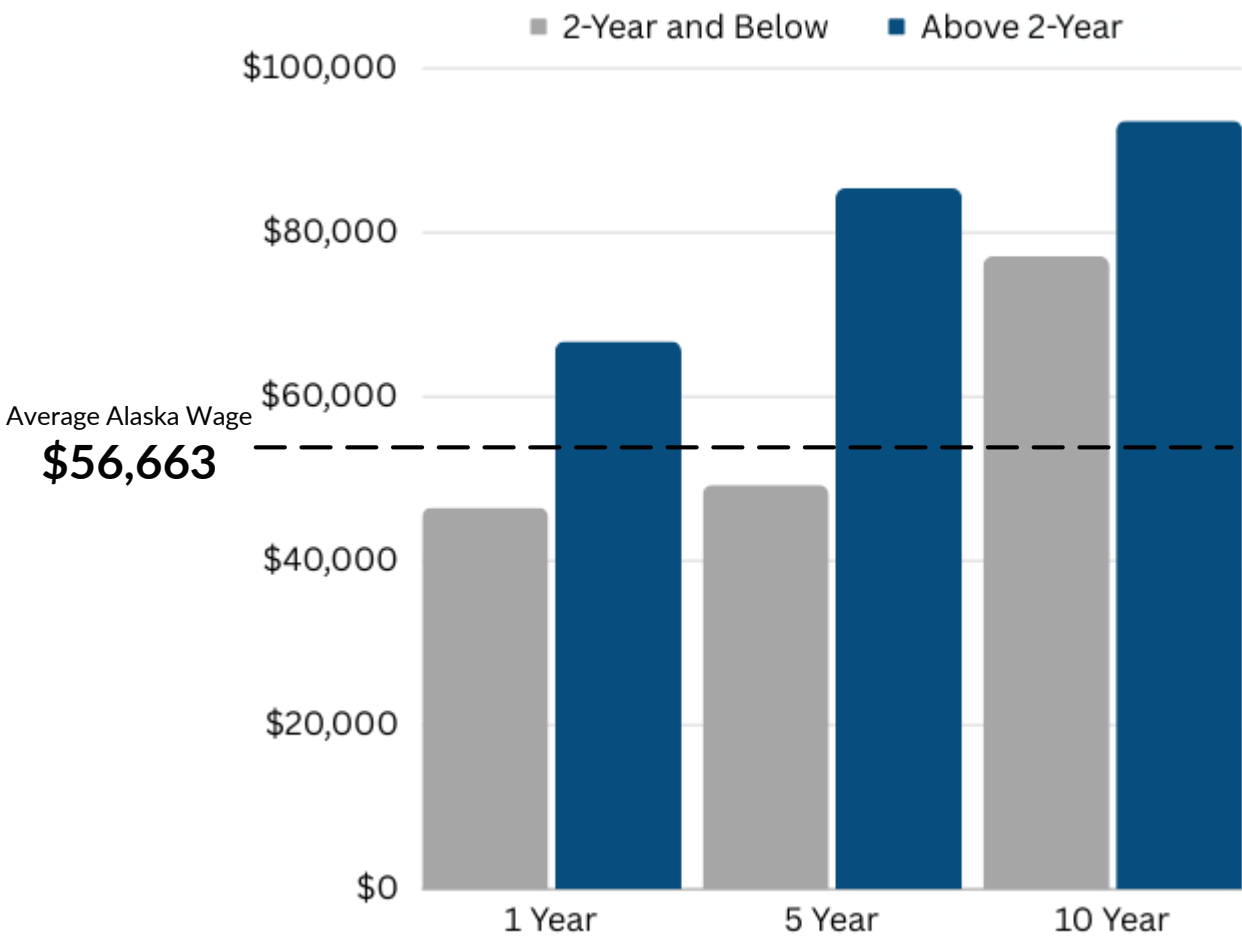
\$1,053,200

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



UNIVERSITY
of ALASKA
Many Traditions One Alaska

SARA PERMAN

State Relations Manager
srperman@alaska.edu
907.360.7271
alaska.edu/research/wd

