



# University of Alaska

*Providing a Skilled Alaskan Workforce*

University of Alaska  
House Finance Budget Subcommittee

February 6<sup>th</sup>, 2018



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*Many Traditions One Alaska*

# FY19 Operating Budget

(UGF Millions \$)

FY2018 Base Operating Budget	\$317.0
• Compensation	\$0.0
• Fixed Costs & Budget Adjustments	\$9.7
• Facilities Maintenance	\$3.7
• Utilities	\$3.1
• UAF Engineering Building Operating Costs	\$2.1
• Academic & Research Subscription Increases	\$0.9
• Strategic Investments by Objective	\$14.7
• Increase Degree Attainment	\$7.3
• Grow Our World Class Research	\$3.7
• <b>Provide A Skilled Alaskan Workforce</b>	<b>\$2.1</b>
• Contribute to Alaska's Economic Development	\$1.6
• Operate More Cost Effectively	\$0.0
FY2019 Board of Regents Budget Request	\$341.4



# Agenda

- Workforce Development Programs & Initiatives

*Fred Villa, Assoc VP, Workforce Programs*

- Teacher Education

*Rick Caulfield, Chancellor UAS*

- Health Professionals

*Jeff Jessee, Vice Provost Health Programs & Dean College of Health, UAA*



# Workforce Development

- **Career Pathways:** Provide education and training programs to prepare Alaskans for careers and successively higher levels of education and employment
- **High Demand Jobs:** Develop programs to respond to employment shortages and projected occupational demand
- **Economic and Community Development:** Respond to emerging industries and meet the workforce needs of Alaska's employers





[www.alaska.emsicc.com](http://www.alaska.emsicc.com)

## FEATURES:

- Interest Surveys
- Program Searches
- Occupational Searches
- Job Wage Ranges
- Occupational Forecasts
- Military-Civilian Occupations
- Resume Builder
- Real-time Job Postings in Alaska



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# Workforce Development



[www.alaska.edu/research/wp/funding](http://www.alaska.edu/research/wp/funding)

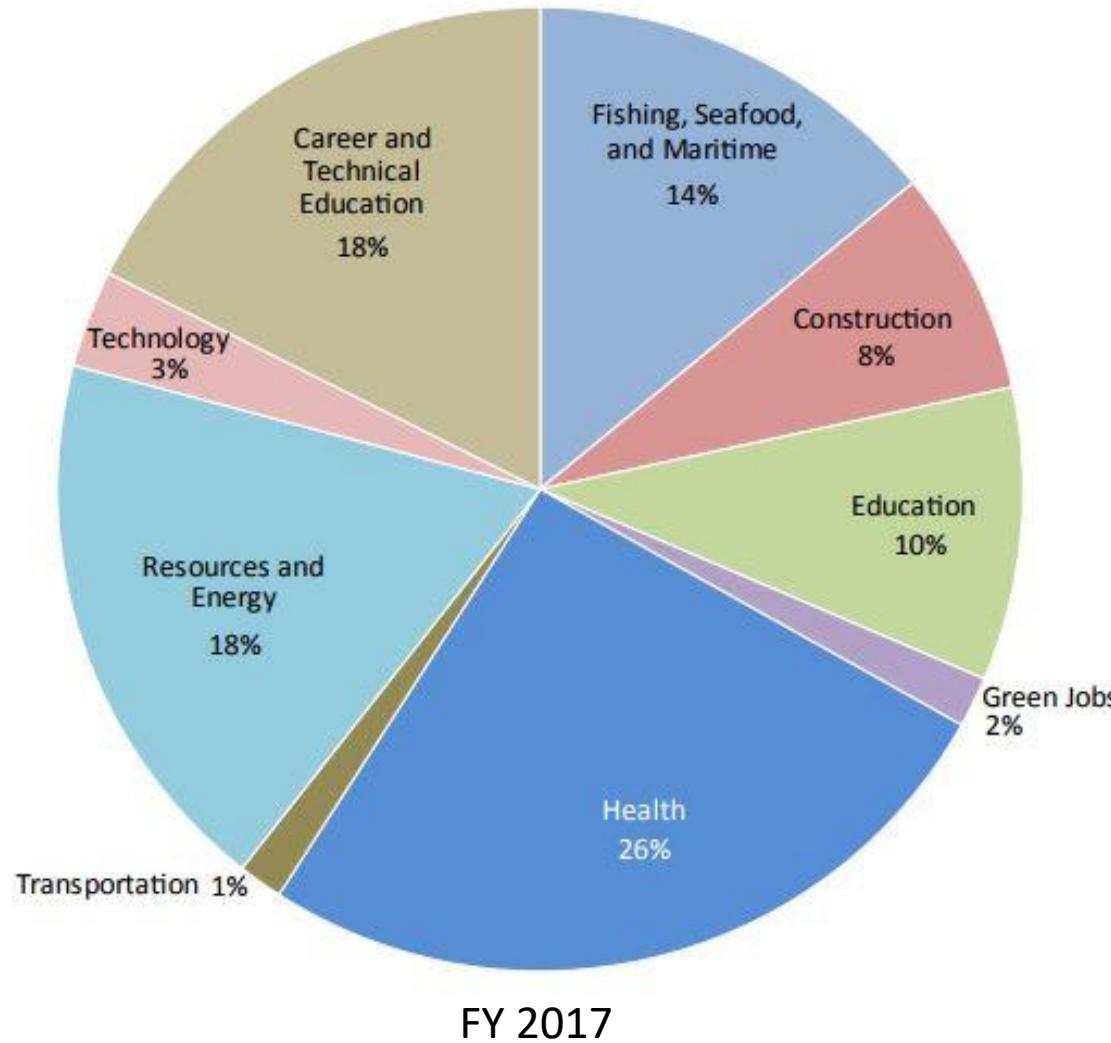
*The Technical Vocational Education Program (TVEP) provides grants to high-demand career and technical education entities for industry-specific, on-the-job and classroom training.*



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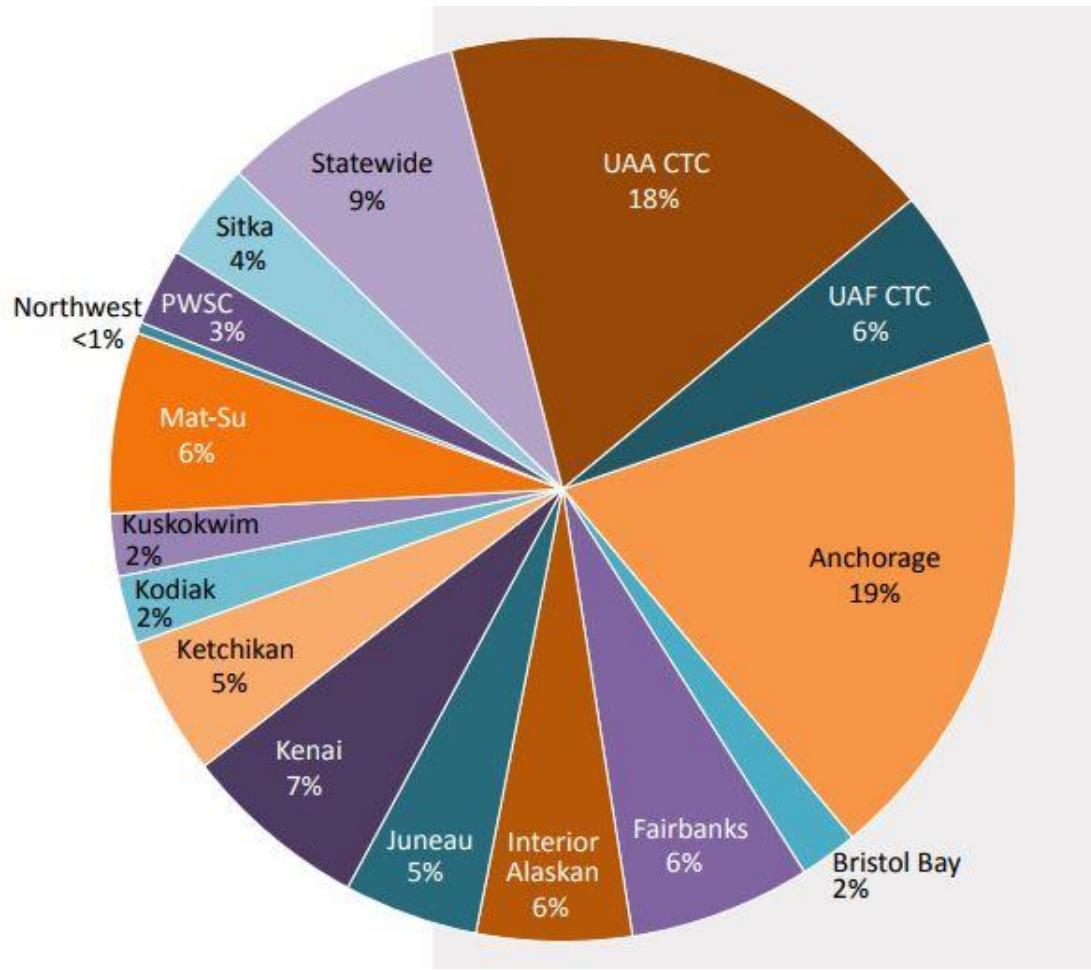
# Workforce Development

*TVEP Supports High Priority Industries*



# Workforce Development

*TVEP Supports Campuses Statewide*

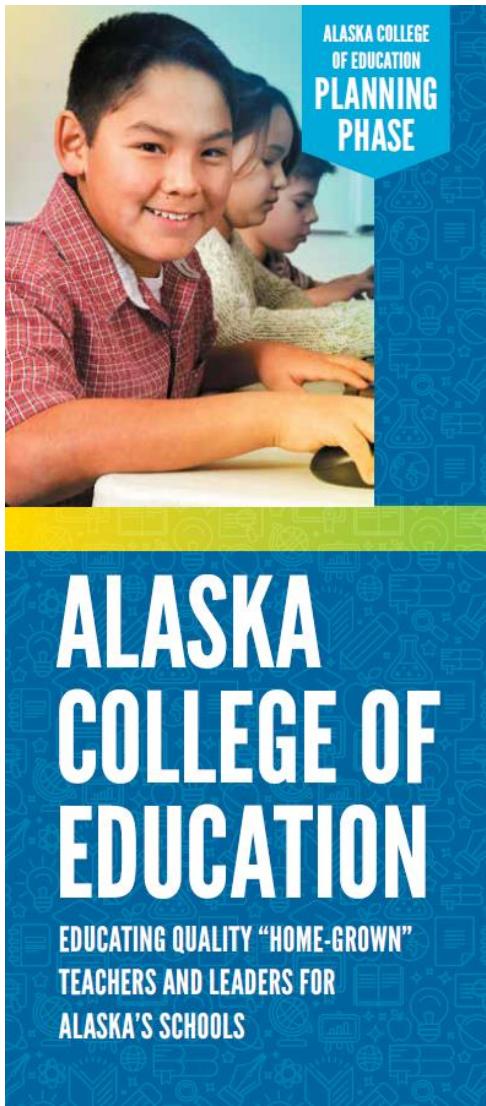


FY 2017



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# Teacher Education



**ALASKA'S CHILDREN  
DESERVE QUALITY  
TEACHERS WHO KNOW:**

*Our State  
Our Climate  
Our Economy  
Our Histories  
Our Cultures  
Our Languages  
Our Future*

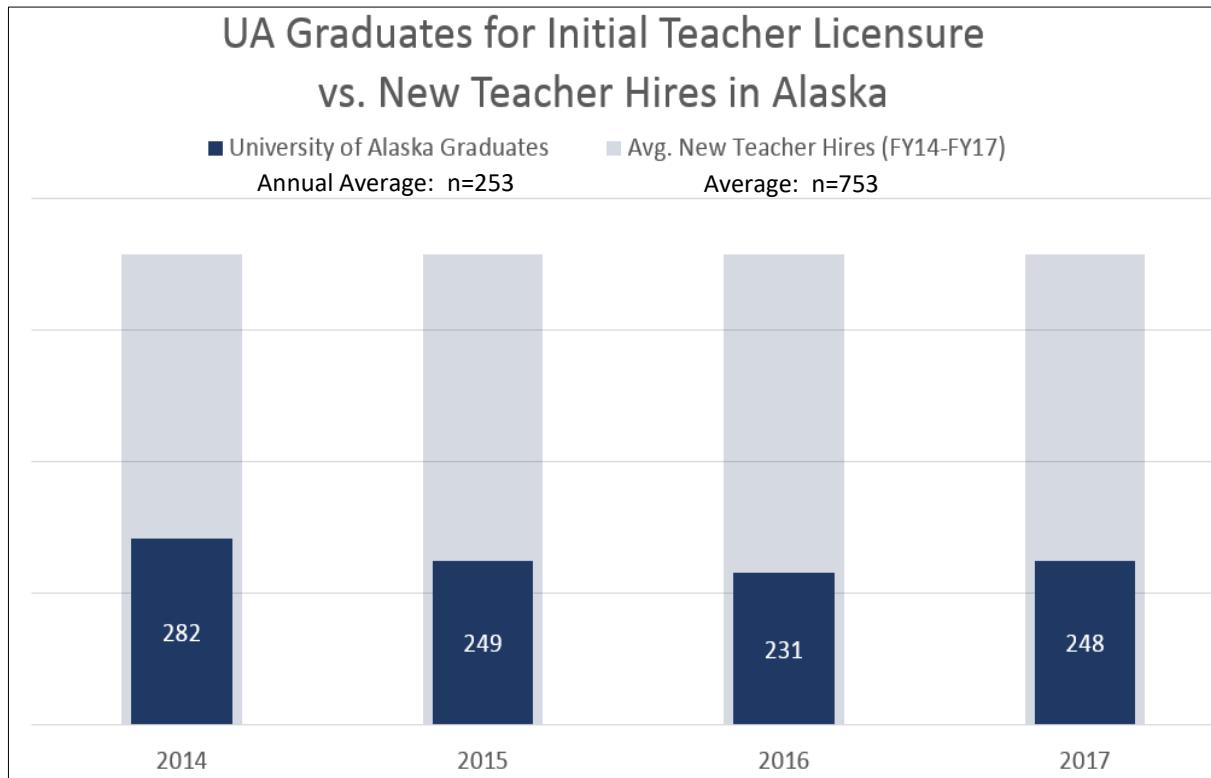


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# Teacher Education

UA produces approximately 30% of new teachers hired in Alaska each year

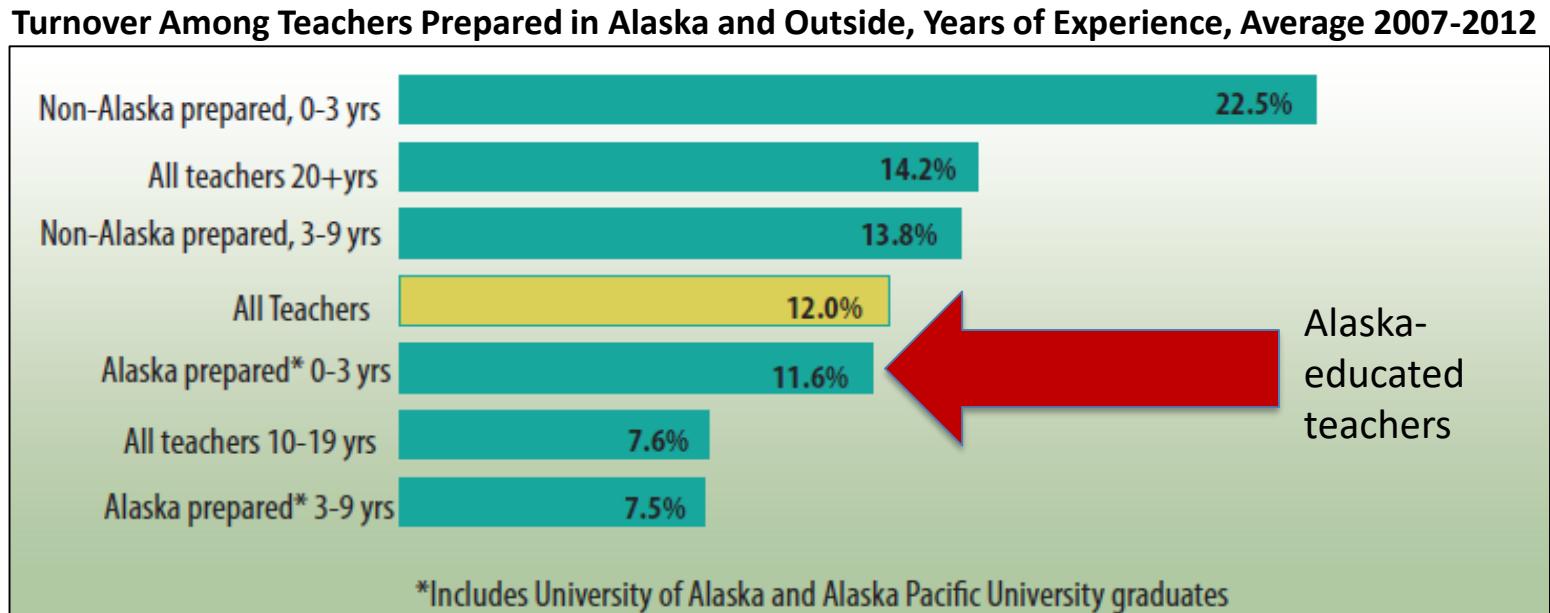
**Our goal is 90% by 2025**



# Teacher Education

Alaska-educated teachers have significantly lower turnover rates than those educated out-of-state

Turnover rates in some districts range from 30-50% annually



SOURCE: Alaska Teacher Turnover, Supply, and Demand  
Alexandra Hill and Diane Hirshberg, 2013



**PITAAS**

Preparing Indigenous Teachers &  
Administrators for Alaska's Schools

**INUPIAQ**  
**ST. LAWRENCE**  
**Is. YUP'IK**

Emmonak  
Scammon Bay  
Hooper Bay

**YUP'IK**  
**CUP'IK**

St. Paul

**ALEUT**  
**ALUTIIQ**

Barrow  
Kiana  
Buckland  
Huslia  
Deering  
Koyuk  
Unalakleet  
Fairbanks

Shageluk

St. Mary's  
Kasigluk

Akiachak  
Oscarville

Kongiganak  
Koliganek

Dillingham

Chignik Lagoon

**ATHABASCAN**

Wasilla  
Anchorage  
Nikiski

Anchor Pt.

**EYAK**  
**TLINGIT**  
**HAIDA**  
**TSIMSHIAN**

Juneau  
Angoon  
Petersburg  
Sitka  
Kake  
Wrangell  
Craig  
Ketchikan  
Metlakatla

PITAAS graduates  
are living and  
teaching in these  
communities.

**97%**

of Indigenous educators teach  
in Alaskan communities.

**OUR CULTURAL LANDSCAPE:**  
**Different Cultures Belonging to One Place**

Whether in villages or cities, along a coastline or in the interior,  
many Indigenous Alaskans seek to blend traditional ways of living  
with teaching and learning.

**PITAAS Teachers are  
the Face of Alaska**

When students have a teacher  
who has direct experience with  
their culture, they have a mentor,  
a leader, and an example of the  
power of education in their lives.



Jasmine James  
BA in Early Childhood  
Master of Arts  
in Teaching, Secondary  
Education

**160 degrees were awarded to  
126 Alaska Native students with  
PITAAS scholarship support.**

Source: UAS Institutional Effectiveness data

**87 of 126 PITAAS graduates  
hold active professional  
education licenses.**

Source: Alaska Department of Education and Early Development

**PITAAS graduates are  
employed by 26 of 54  
school districts across  
our vast state.**

Source: A replication of a study "Where are You Now PITAAS Graduates" initiated 2013 by  
The Institute of Social and Educational Research (I.S.E.R), University of Alaska, Anchorage



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SOUTHEAST**

**ALASKA COLLEGE  
OF EDUCATION**

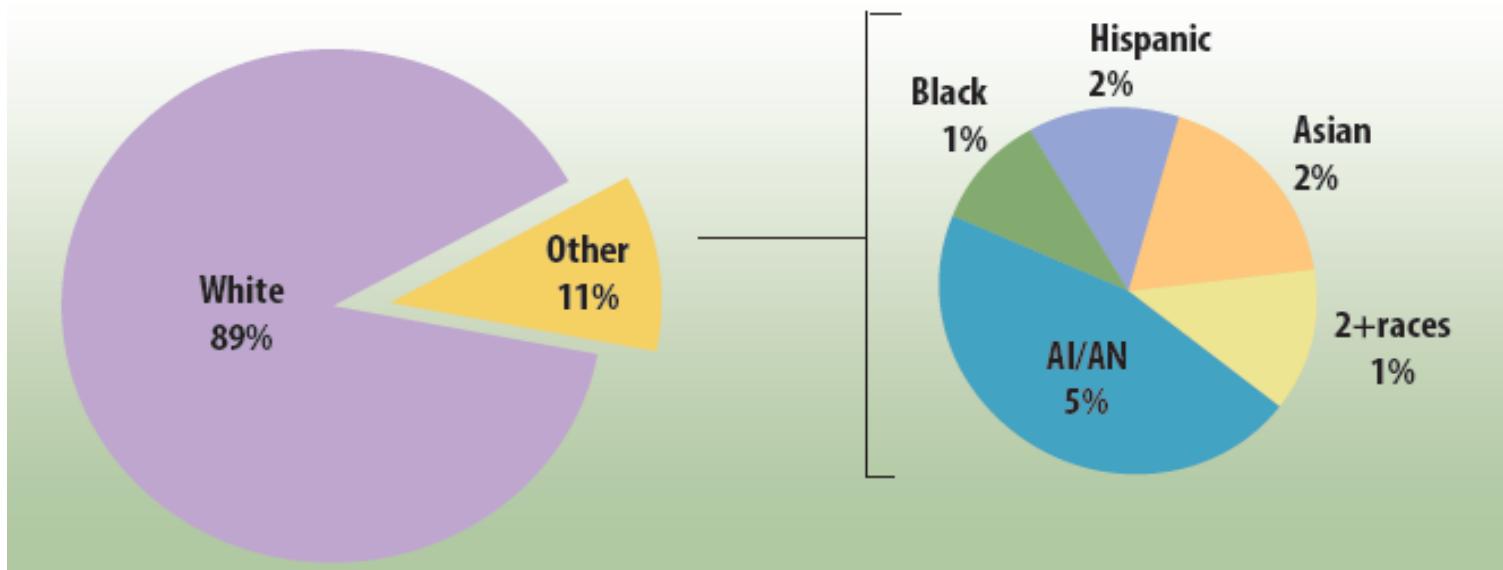
[uas.alaska.edu/education](http://uas.alaska.edu/education)

In partnership with  
**VALUES IN ACTION**  
**SEALASKA**

# Teacher Education

- 11% of teachers are from minority backgrounds
- 5% of teachers are Alaska Native

Figure 7. Teacher Ethnicity 2011-12



# Teacher Education

*Strategies to Grow Alaska's Future Educators*

- Create single Alaska College of Education
- Coordinate & align curriculum across UA
- Expand career pathways for future teachers
- Increase marketing & recruitment
- Increase Alaska Native & minority teachers
- Expand partnerships with DEED & districts



# Teacher Education

*Strategies to Grow Alaska's Future Educators*

## Educator Related FY19 Budget Increments:

Increase UA-trained new educators - \$1.230 million

- Expand educator recruitment (\$130K)
- Preparing teachers for rural schools (\$100K)
- Sustain statewide marketing (\$150K)
- Grow innovative programs: STEM, MAT (\$200K)
- Enhance UA-wide education data analysis (\$100K)
- Expand Rural Alaska Honors Institute education track (\$200K)
- Grow PITAAS program: Native educators (\$350K)

## Increasing Degree Attainment

- Expand “Educators Rising” career pathway (\$750K)

# Health Professionals

UA Board of Regents has established the goal of doubling the number of health graduates by 2025

From 874 graduates to 1,602 graduates

# Health Professionals

UAA College of Health tasked to lead statewide health program planning and development

- COH leadership has collaborated with both university campuses as well as the 14 community campuses partnering with faculty, staff and students
- Building relationships with health industry and community leaders

# Health Professionals

Expand current programs in response to industry need

- Nursing Program
- Certified Nursing Assistants
- Social Work Program (e.g. Mental Health & Substance Use Disorders)
- Allied Health Program (e.g. Surgical Techs, Medical Coding & Billing)
- Oral/Dental Health Program

# Health Professionals

## Industry Partners

- Connecting health industry program demands to development and expansion
  - Memorandums of Agreement (MOAs) for industry contributions
- Earned Revenue
  - Continuing Education Units (CEUs) and community education



# Health Professionals

## Health Graduates Related FY19 Budget Increments:

Increase Health Program Graduates - \$900K

- Masters Public Policy (\$300K)
- Increase Allied Health Faculty Program Capacity (\$100K)
- Health Care Careers Middle College (\$500K)





# APPENDIX



# Strategic Investment by Objective

	<b>State</b>	<b>Non-State <sup>(1)</sup></b>	<b>Total</b>
<b>1. Contribute to Alaska's economic development</b>	<b>\$1,620.0</b>	<b>\$1,650.0</b>	<b>\$3,270.0</b>
A. Increase STEM graduates	\$1,000.0	\$1,650.0	\$2,650.0
B. Increase the number of invention disclosures	\$620.0		\$620.0
<b>2. Provide Alaska's skilled workforce</b>	<b>\$2,130.0</b>	<b>\$1,650.0</b>	<b>\$3,780.0</b>
A. Increase % of educators hired	\$1,230.0		\$1,230.0
B. Double number of health program completers	\$900.0	\$1,650.0	\$2,550.0
<b>3. Grow our world class research</b>	<b>\$3,700.0</b>	<b>\$9,850.0</b>	<b>\$13,550.0</b>
A. Continue leading the world in Arctic research	\$1,320.0	\$2,760.0	\$4,080.0
B. Increase research expenditures	\$2,380.0	\$7,090.0	\$9,470.0
<b>4. Increase degree attainment</b>	<b>\$7,255.0</b>	<b>\$2,390.0</b>	<b>\$9,645.0</b>
A. Increasing enrollment	\$5,610.0	\$2,090.0	\$7,700.0
B. Increasing completions	\$1,645.0	\$300.0	\$1,645.0
<b>5. Operate more cost effectively</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>TOTAL</b>	<b>\$14,705.0</b>	<b>\$15,540.0</b>	<b>\$30,245.0</b>

1. May include State pass-through funding (e.g. from state agencies through inter agency receipts).

