



University of Alaska

Providing a Skilled Alaskan Workforce

University of Alaska
House Finance Budget Subcommittee

February 6th, 2018



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
• Provide A Skilled Alaskan Workforce	\$2.1
• 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

FEATURES:

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

Workforce Development

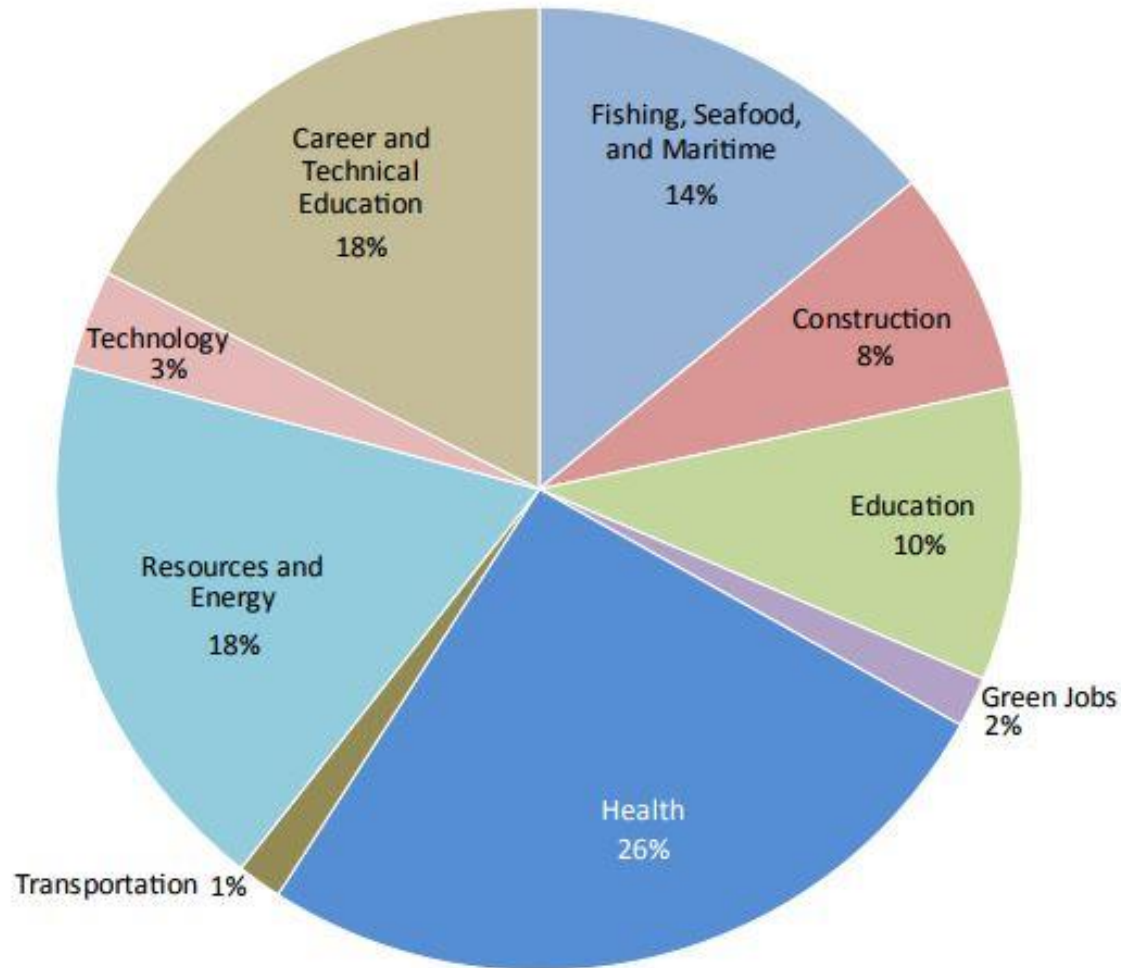


www.alaska.edu/research/wp/funding

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.

Workforce Development

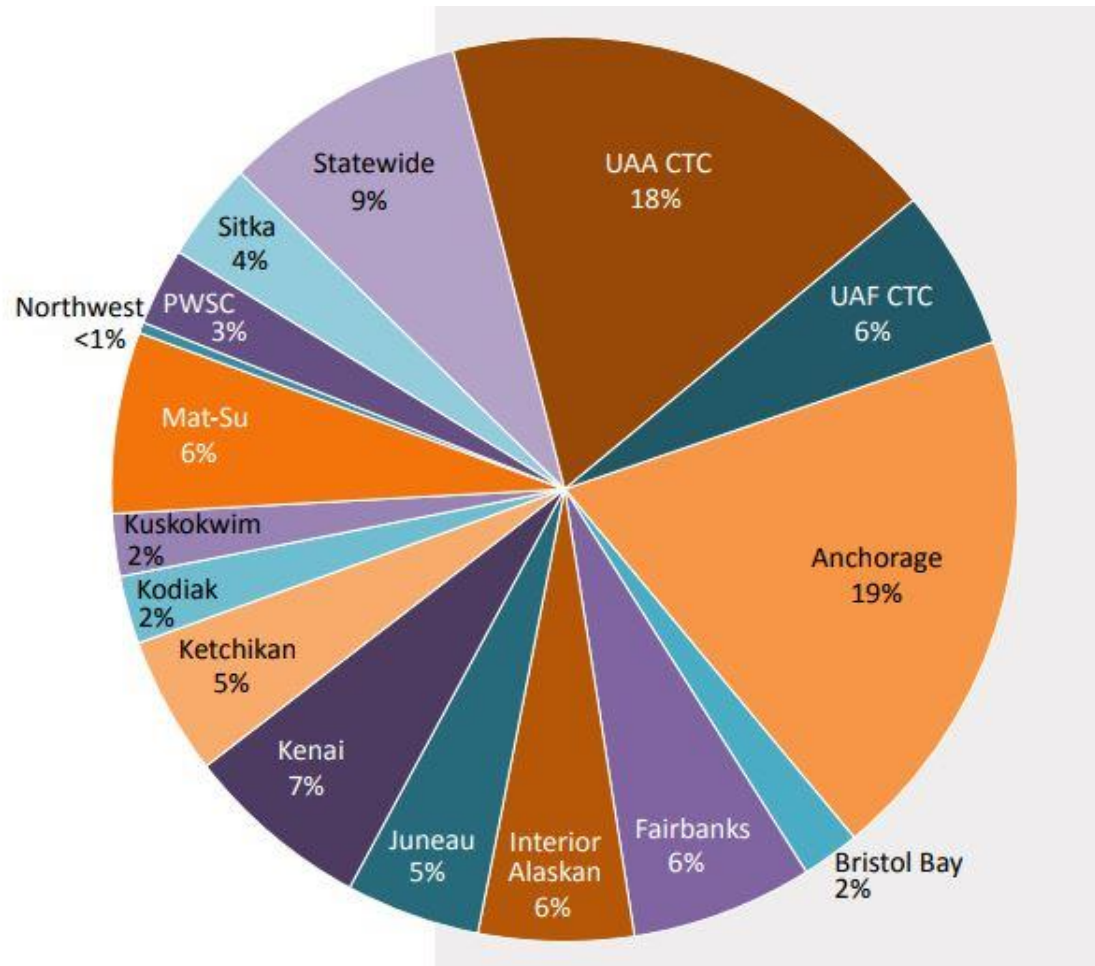
TVEP Supports High Priority Industries



FY 2017

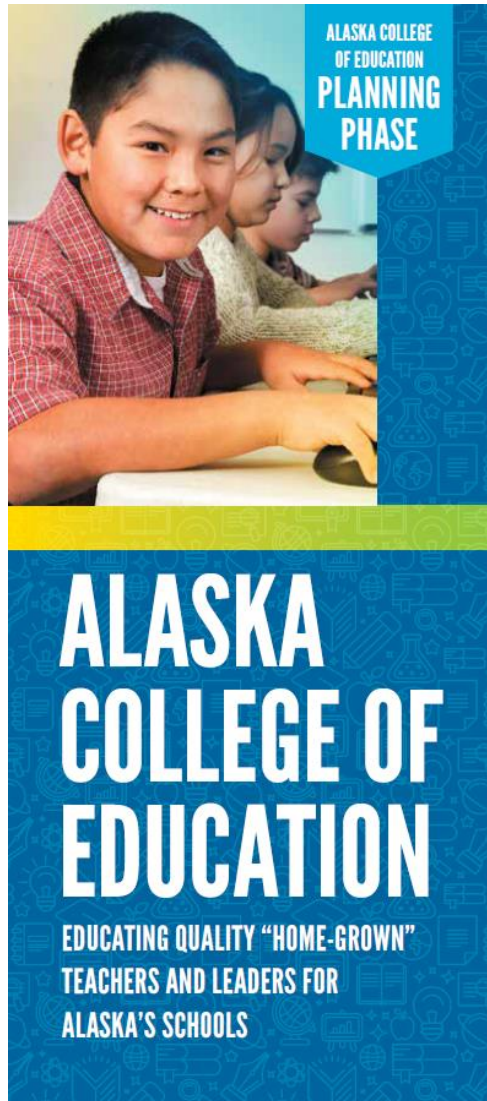
Workforce Development

TVEP Supports Campuses Statewide



FY 2017

Teacher Education



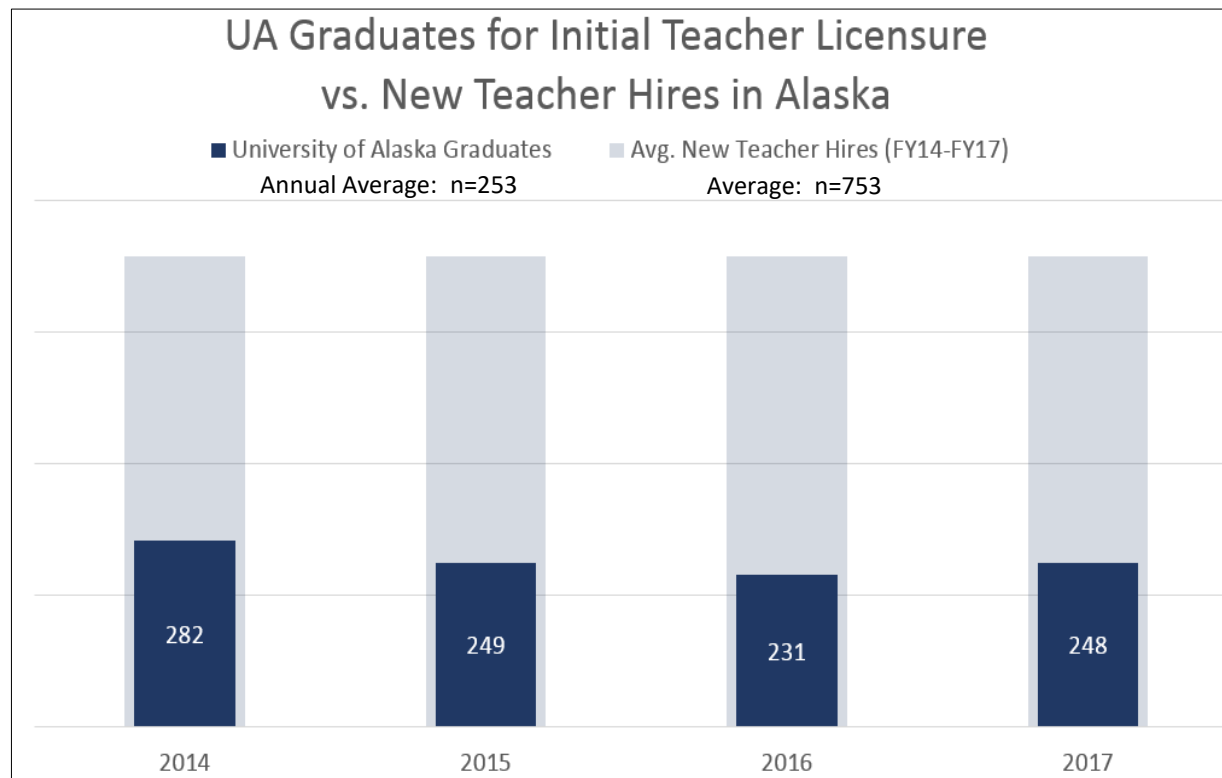
**ALASKA'S CHILDREN
DESERVE QUALITY
TEACHERS WHO KNOW:**

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

Teacher Education

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

Our goal is 90% by 2025



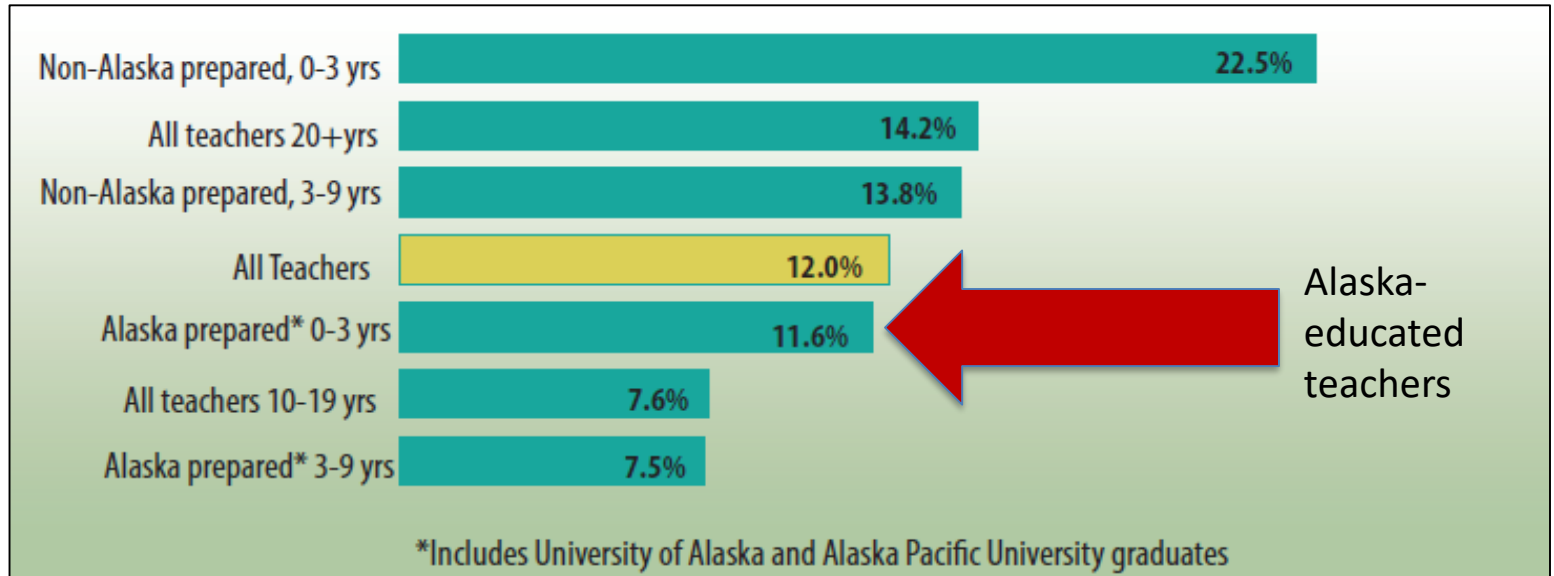
SOURCE: UAS Office of Institutional Effectiveness

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

Turnover Among Teachers Prepared in Alaska and Outside, Years of Experience, Average 2007-2012



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



PITAAAS

Preparing Indigenous Teachers & Administrators for Alaska's Schools

Alaska is diverse, and so are our educators.

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

★
PITAAAS graduates
are living and
teaching in these
communities.

**YUP'IK
CUP'IK**

**ALEUT
ALUTIIQ**

ATHABASCAN

**EYAK
TLINGIT
HAIDA
TSMISHIAN**



PITAAAS 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.



Jasmina James
Yukon, Alaska
Master of Arts
in Teaching,
Secondary
Education

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

Source: UAS Institutional Effectiveness data

87 of 126 PITAAAS graduates hold active professional education licenses.

Source: Alaska Department of Education and Early Development

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

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

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.



**UNIVERSITY
of ALASKA
SOUTHEAST**

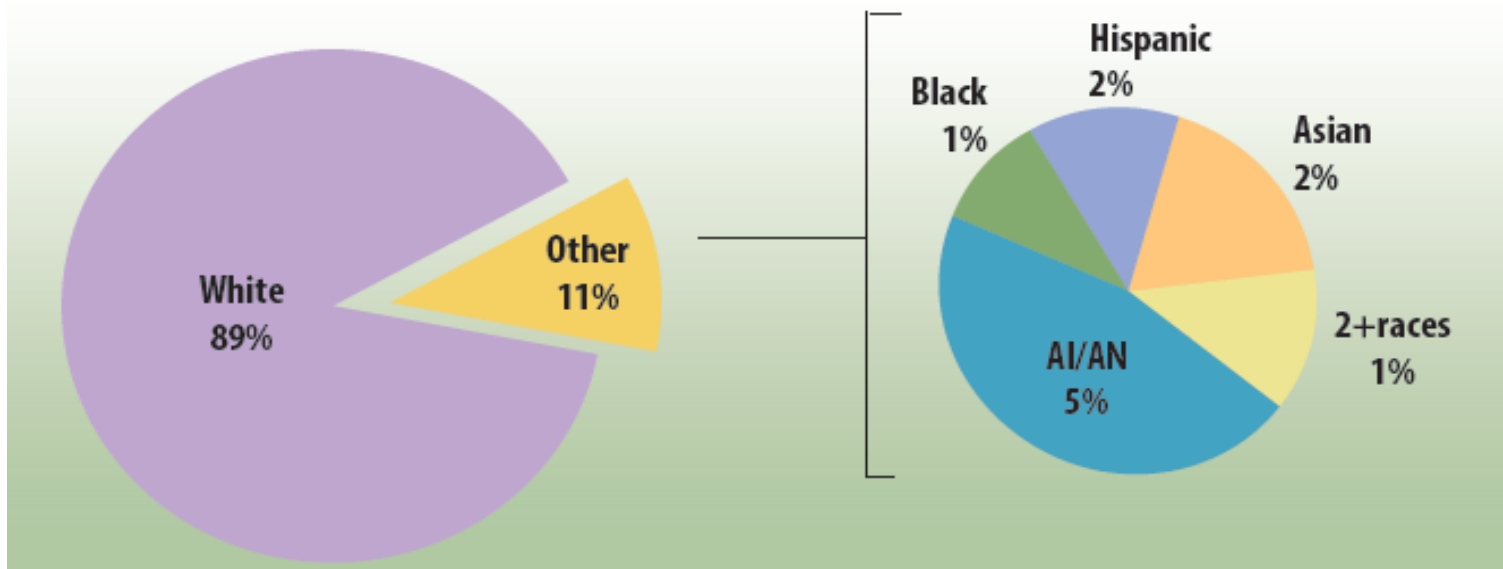
**ALASKA COLLEGE
OF EDUCATION**

uas.alaska.edu/education

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

	State	Non-State ⁽¹⁾	Total
1. Contribute to Alaska's economic development	\$1,620.0	\$1,650.0	\$3,270.0
A. Increase STEM graduates	\$1,000.0	\$1,650.0	\$2,650.0
B. Increase the number of invention disclosures	\$620.0		\$620.0
2. Provide Alaska's skilled workforce	\$2,130.0	\$1,650.0	\$3,780.0
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
3. Grow our world class research	\$3,700.0	\$9,850.0	\$13,550.0
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
4. Increase degree attainment	\$7,255.0	\$2,390.0	\$9,645.0
A. Increasing enrollment	\$5,610.0	\$2,090.0	\$7,700.0
B. Increasing completions	\$1,645.0	\$300.0	\$1,645.0
5. Operate more cost effectively	\$0.0	\$0.0	\$0.0
TOTAL	\$14,705.0	\$15,540.0	\$30,245.0

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