

Alaska Vocational Technical Center

Labor House Finance Subcommittee

February 15, 2017



ALASKA DEPARTMENT OF LABOR & WORKFORCE DEVELOPMENT
COMMISSIONER HEIDI DRYGAS

Alaska Vocational Technical Center (AVTEC)

MISSION:

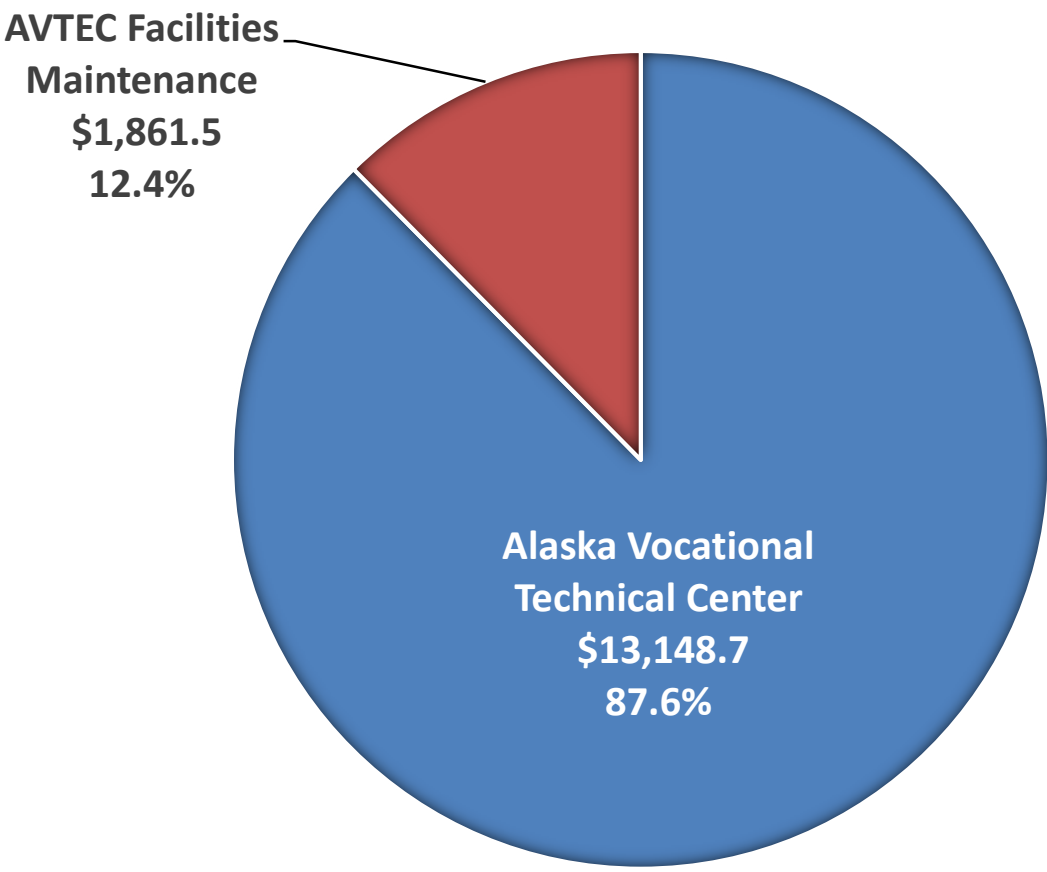
To provide market-driven vocational and technical training, preparing Alaskans for Alaska's jobs.

CORE SERVICES:

- Train a diverse and effective workforce that supports the economic growth and stability of Alaska.
- Offer long term vocational technical programs for Alaska's expanding and unique economy, and short term industry-specific training programs for Alaskans.
- Equip students with basic skills and workplace competencies to meet employer needs.
- Assist graduates in obtaining employment or pursue further education or training.



AVTEC FY2018 Budget by Component

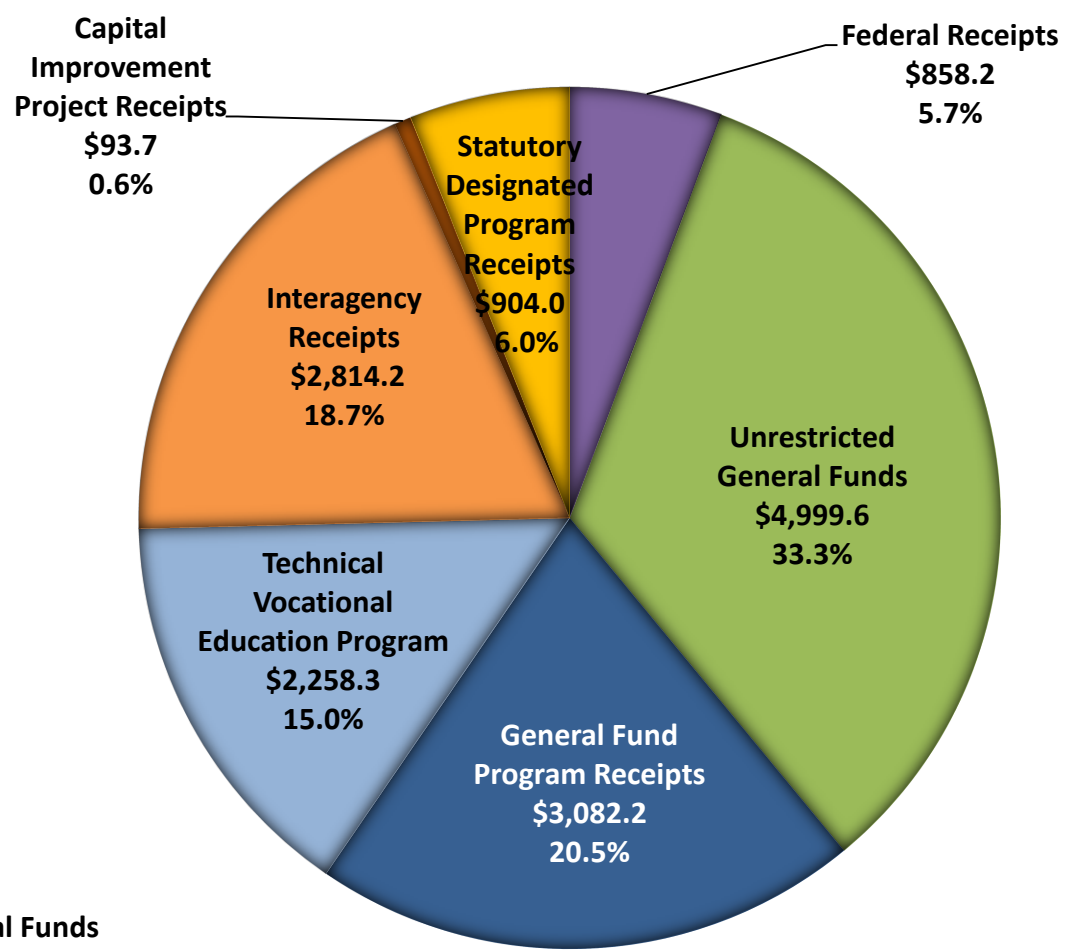


AVTEC FY18 Budget Changes

- Reducing reliance on Unrestricted General Funds:
 - Increase tuition and fees by 7.5% for the second year in a row and reduce UGF by **-\$184.4**
 - Revamp the Culinary Academy to generate more tuition and fee or contract training revenue and reduce UGF by **-\$192.1**
 - Reduce Plumbing & Heating and Construction program offerings from twice per year to once per year for a UGF instructor savings of **-\$50.8**



AVTEC FY2018 Budget by Fund Source



Blue = Designated General Funds
Orange = Other Funds

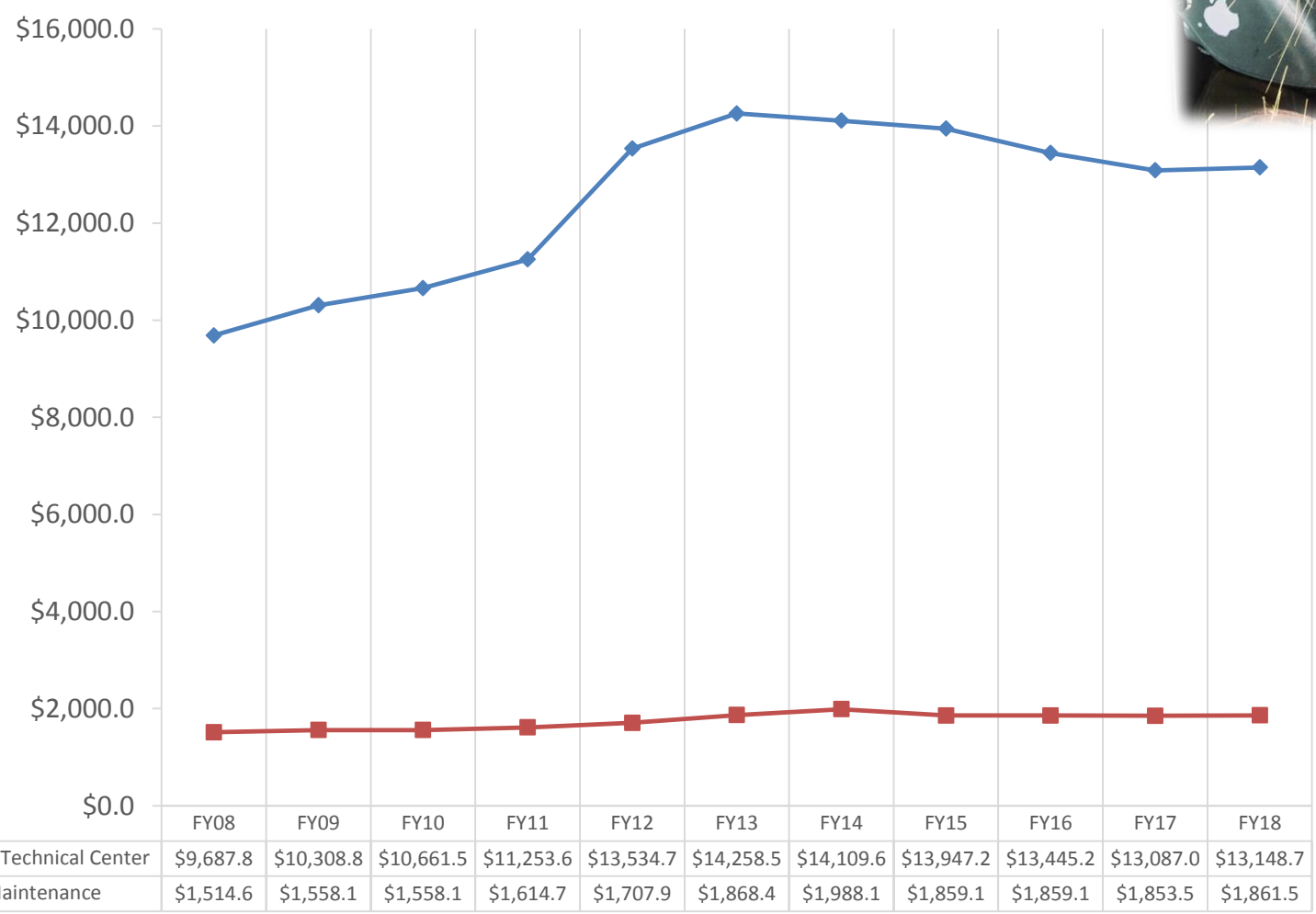


Alaska Vocational Technical Center Fund Source Information

| Fund Source | Income Source | Use |
|--|---|--|
| Unrestricted General Funds (UGF) | State general fund | AVTEC programs and operations |
| General Fund Program Receipts (DGF) | Student tuition and fees | AVTEC programs and operations |
| Technical and Vocational Education Program (DGF) | Employee contributions to unemployment insurance | AVTEC programs and operations |
| Interagency Receipts (Other) | Other agencies | Various trainings and services for other state agencies |
| Capital Improvement Project Receipts (Other) | Deferred maintenance capital projects | Maintenance staff support |
| Statutory Designated Program Receipts (Other) | Tax credit donations and contract training receipts | AVTEC operations and to cover the cost of customized contract training |
| Federal Receipts (Fed) | Federal government | Pass-through grants and loans to students training and living expenses |



AVTEC Budget by Component FY2008-FY2018



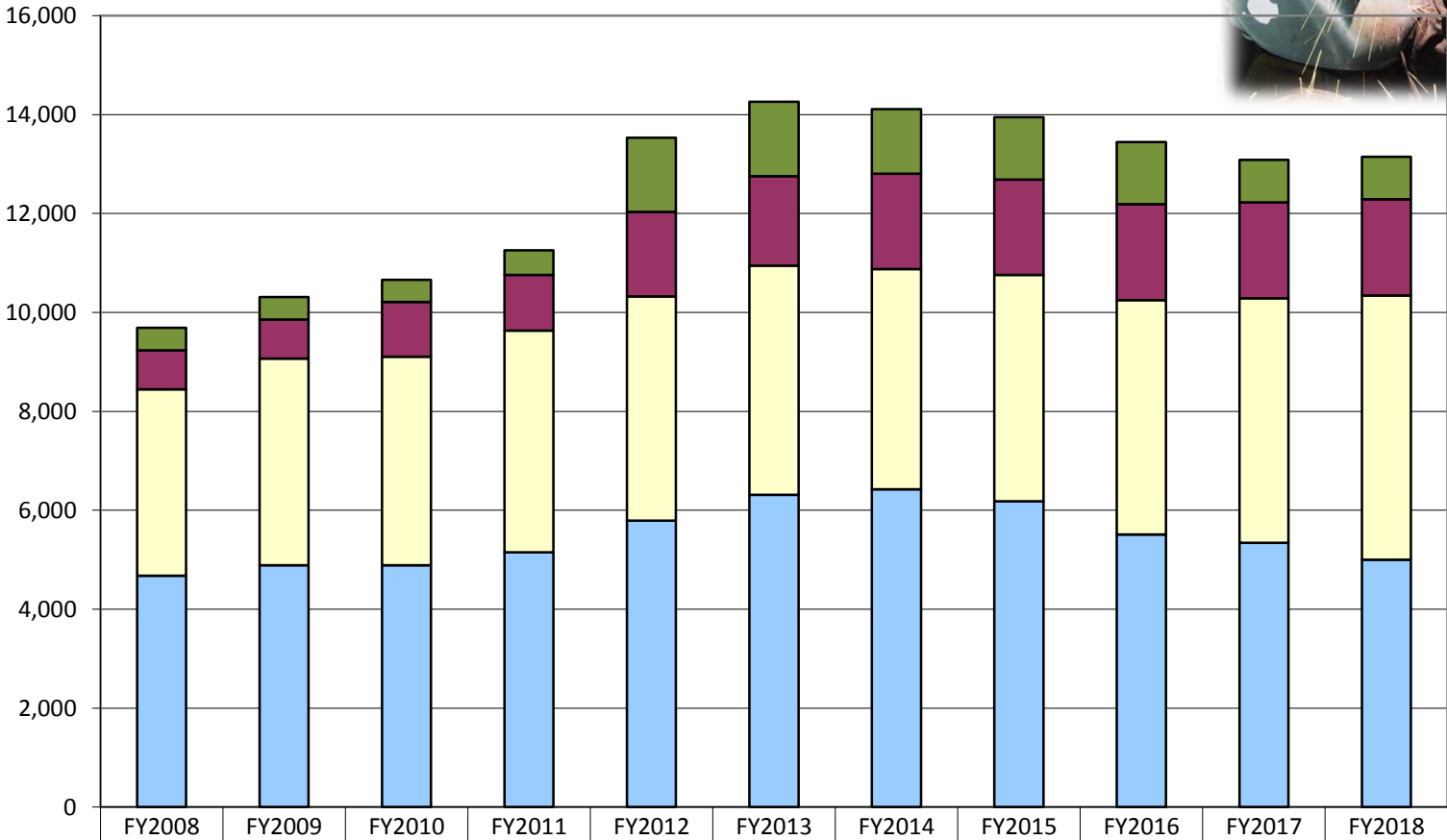


AVTEC Budget by Fund Source FY2008-FY2018

Between FY08 & FY18:

--UGF increased by \$318.4 million or 0.7% per year

--Down nine positions



| | FY2008 | FY2009 | FY2010 | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 |
|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Federal Receipts (Fed) | 450.0 | 450.0 | 450.0 | 493.2 | 1,501.7 | 1,502.9 | 1,302.9 | 1,258.2 | 1,258.2 | 858.2 | 858.2 |
| Other State Funds (Other) | 790.8 | 791.5 | 1,105.4 | 1,128.8 | 1,710.6 | 1,813.1 | 1,929.6 | 1,930.4 | 1,937.2 | 1,941.9 | 1,950.4 |
| Designated General (DGF) | 3,765.8 | 4,180.5 | 4,217.9 | 4,479.3 | 4,531.2 | 4,631.2 | 4,454.7 | 4,578.2 | 4,741.0 | 4,945.7 | 5,340.5 |
| Unrestricted General (UGF) | 4,681.2 | 4,886.8 | 4,888.2 | 5,152.3 | 5,791.2 | 6,311.3 | 6,422.4 | 6,180.4 | 5,508.8 | 5,341.2 | 4,999.6 |



AVTEC at a Glance – Programs

Twelve long term training programs with enrollments over 300 students each school year

Numerous and varied short term training programs with enrollments over 1,300 students each school year



AVTEC Long Term Training Programs

- **Applied Technologies:**
 - Combination Welding (structural & pipe)
 - Diesel/Heavy Equipment Technology
- **Energy Building Trades:**
 - Industrial Electricity
 - Construction*
 - Refrigeration*
 - Plumbing & Heating*
 - Power Plant Operator



*Facilities Maintenance Combination



AVTEC Long Term Training Programs

- Culinary Academy:
 - Professional Cooking & Baking
- Maritime:
 - Master/Mate Not more than 200 Tons
 - Qualified Member of the Engine Department
- Information Technology:
 - Business & Office Technology
 - Information Technology (Networking)



AVTEC Short Term Training Programs

- Energy Building Trades:
 - Bulk Fuel Operator
 - Advanced Power Plant Operations
- School Bus Driver Instructor
- Maritime:
 - Introduction to Nautical Skills
 - Young Fisherman's Program
 - Able Seaman
 - Basic & Advanced Fire Fighting



AVTEC Short Term Training Programs

- Maritime:
 - Basic Training
 - Bridge Resource Management
 - Crowd Management
 - Electronic Chart Display and Information System
 - Proficiency in Survival Craft
 - Radar Observer
 - Global Maritime Distress & Safety System



AVTEC at a Glance – Outcomes

In FY16, **88%** of AVTEC's long term program students graduated

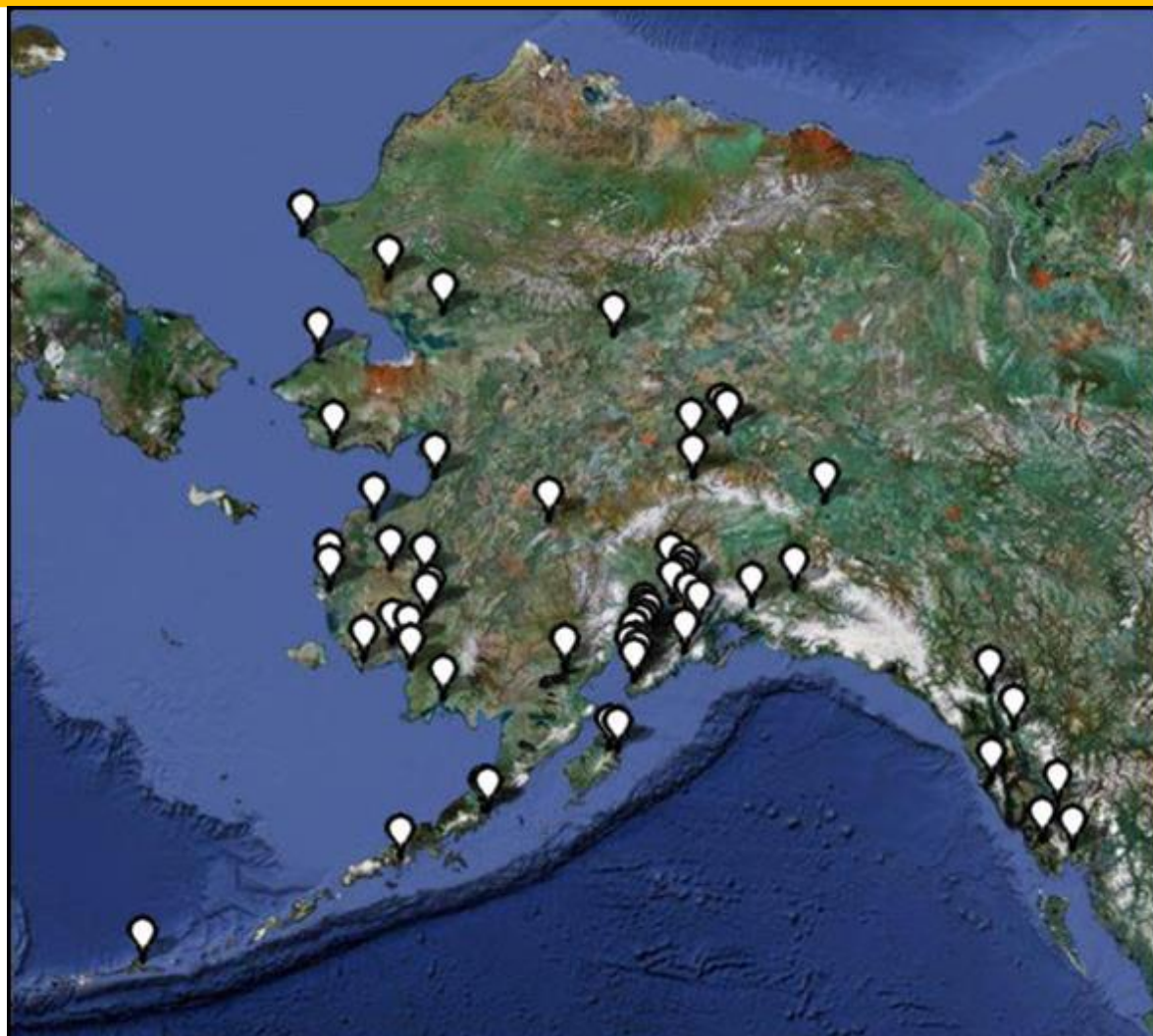


90% of AVTEC's FY15 graduates were employed in training-related jobs in FY16



AVTEC at a Glance – Students

**Serving a
statewide
mission**

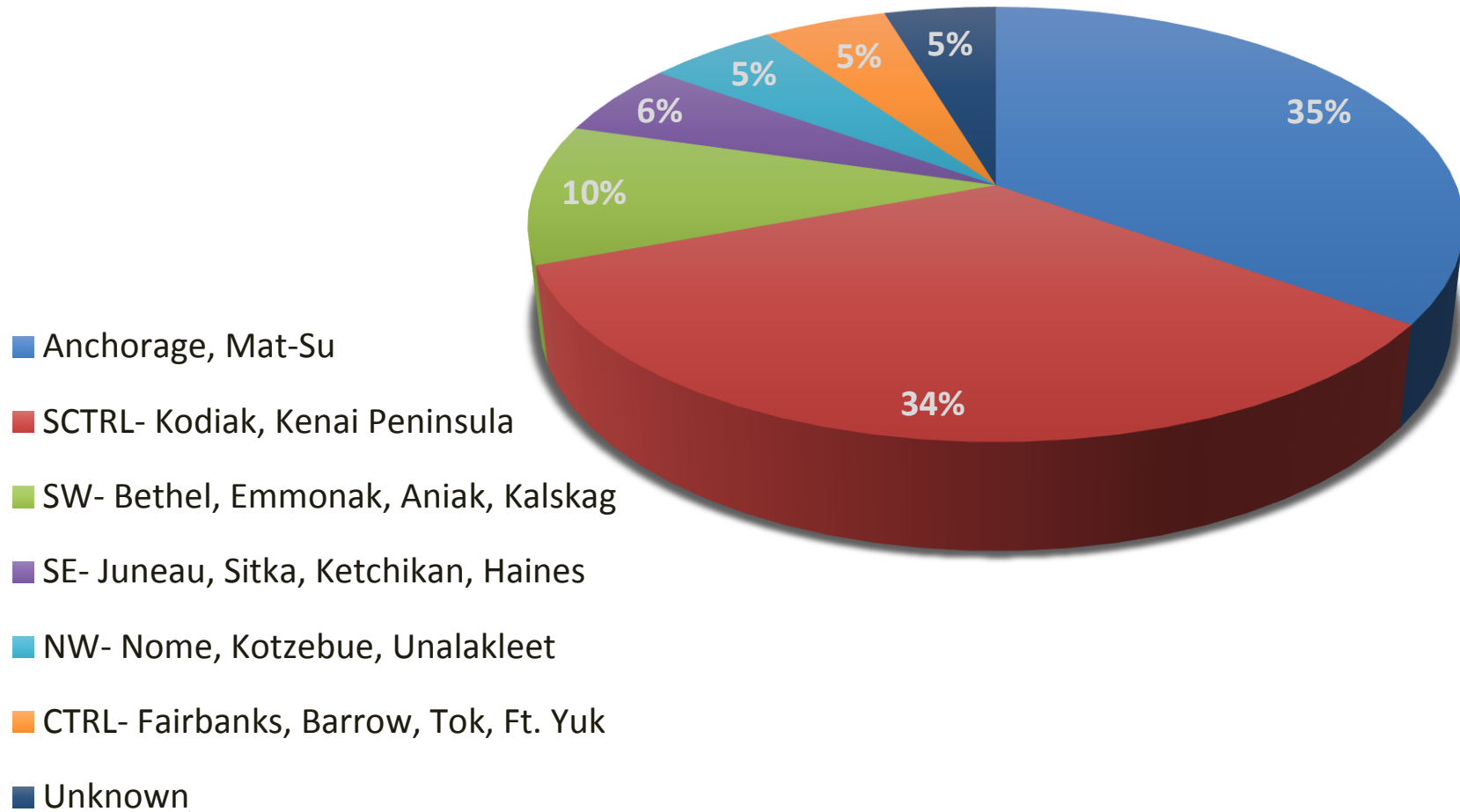


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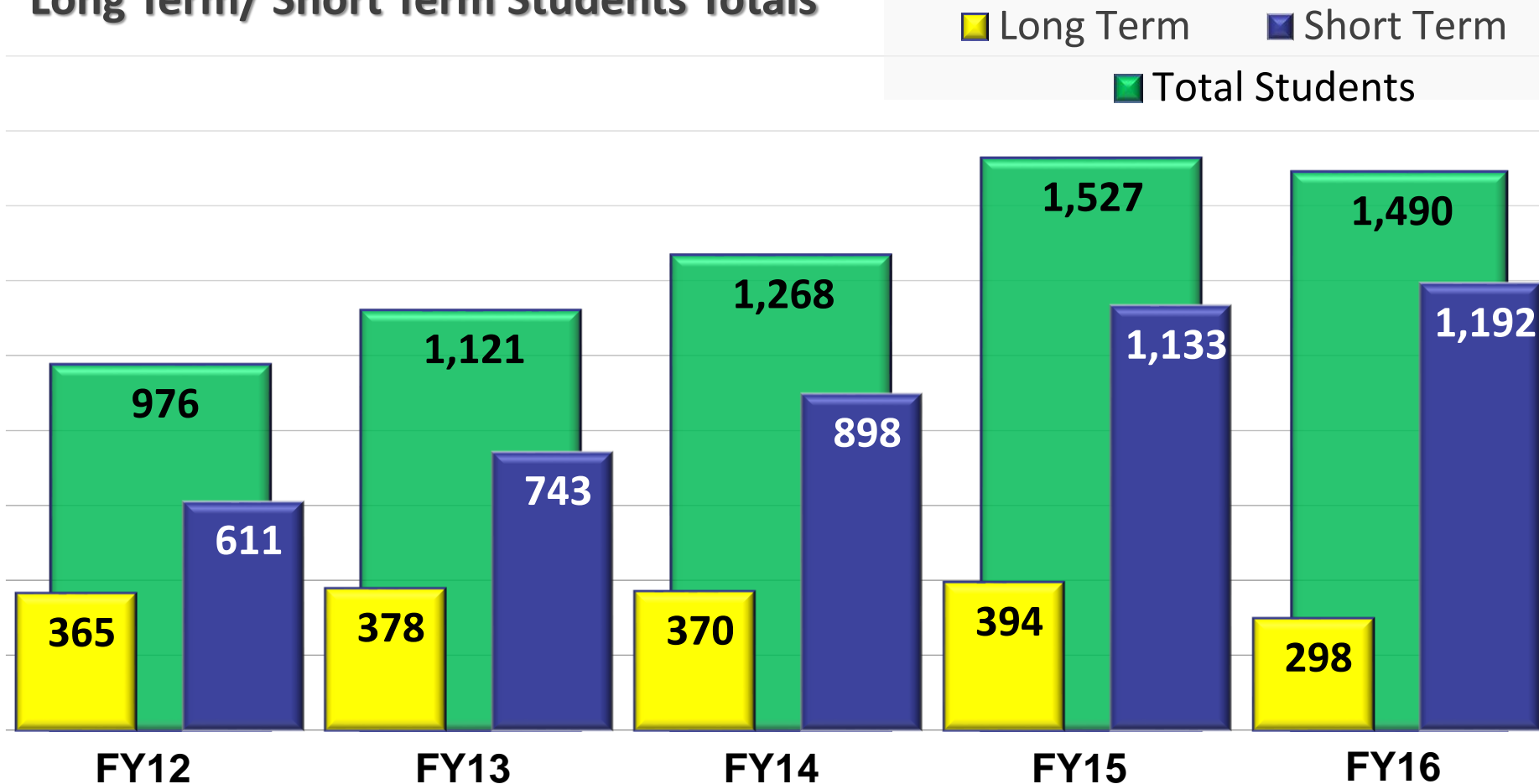
AVTEC at a Glance – Students

Students BY Region FY12 - FY16 Unduplicated



AVTEC Unduplicated Student Count

Long Term/ Short Term Students Totals



AVTEC Training Programs



- Experiential hands-on learning environment
- Competency-based assessment – industry credential
- Employability skills embedded in the training model



AVTEC Training Partnerships



- University of Alaska – articulation agreements and program alignment
- Regional Training Centers – student transition support and program alignment
- High schools – tours and experience at AVTEC
- Registered Apprenticeships – related technical instruction

AVTEC Industry Partnerships

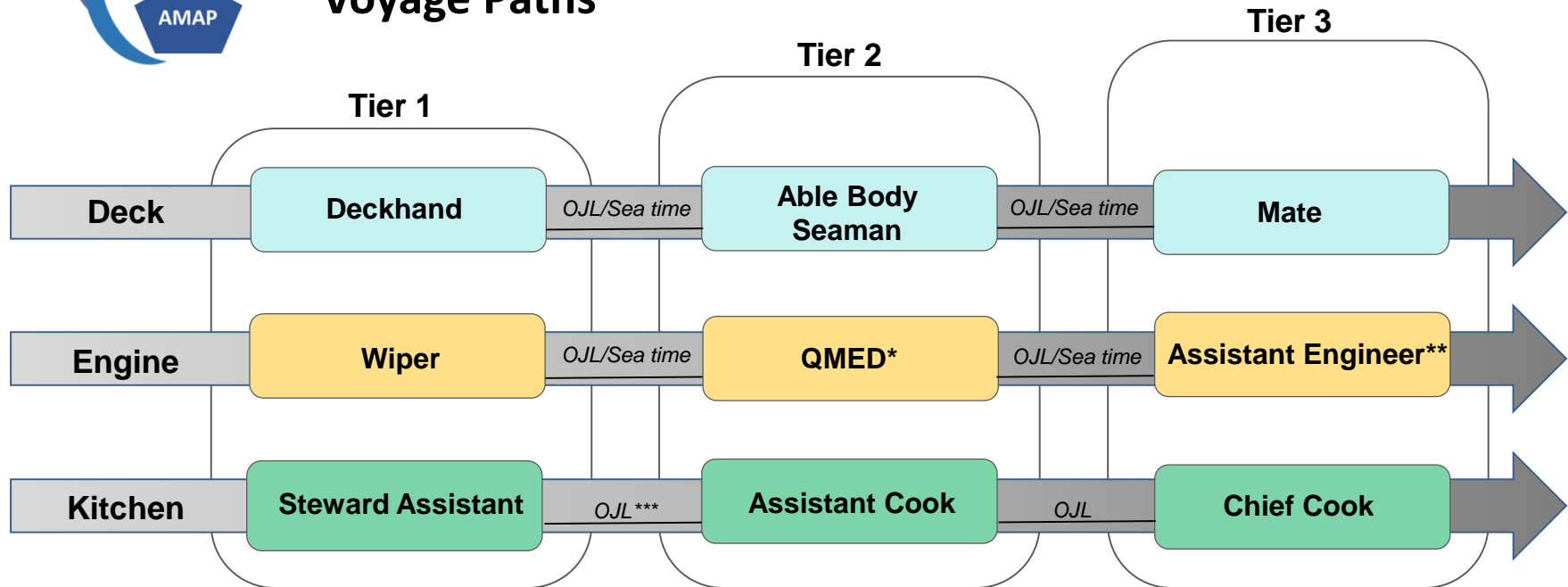
- **Advise** – program advisory committees, statewide advisory board, and Alaska Workforce Investment Board
- **Assist** – equipment donations, financial contributions, scholarships for students
- **Advocate** – support AVTEC mission through communication and contract training



AVTEC Industry Partnerships – Calista



Alaska Maritime Apprenticeship Program Voyage Paths



* QMED: Qualified Member of Engine Department

** Engine: Tier 3, Apprentice may choose either Designated Duty Engineer (Limited), or Third Engineer (Unlimited)

*** OJL: On-the-Job Learning

House Finance AVTEC Inquiry Responses

- *How many AVTEC students received an Alaska Performance Scholarship (APS)?* – In FY17, 28 AVTEC students received an APS, which is up from 18 in FY16.
- *How did that usage compare to the number of AVTEC's students who might have been eligible for the APS?* – In FY17, 132 AVTEC students were under 23 and might have been eligible to apply for the APS if they met all the criteria.
- *What are the requirements for a vocational training APS?* – For a student to be eligible for APS funds toward a CTE postsecondary education they must meet the 1) course requirements, 2) GPA above 2.5, and 3) test score criteria PLUS 4) complete a Free Application for Federal Student Aid.
- *What can/has been done to raise student awareness?* – Partners are making a concerted effort to talk with students early in their high school years and encourage them to complete a Personal Learning and Career Plan (PLCP) that takes into consideration the requirements of the APS.



WE'RE PREPARING ALASKANS FOR THE JOBS OF TODAY—AND TOMORROW.

**Alaska Department of Labor and
Workforce Development**

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