

**02/26/15  
PRESENTATIONS:  
SECONDARY  
SCHOOL BOARDING  
STIPEND PROGRAM  
AND DISTRICT  
OPERATED  
RESIDENTIAL  
SCHOOL OPTIONS**

<TARGET><BILL></BILL><SUBJECT>02-26-15 PRESENTATIONS  
SECONDARY SCHOOL BOARDING STIPEND PROGRAM AND DISTRICT  
OPERATED RESIDENTIAL SCHOOL  
OPTIONS</SUBJECT><COMM>SEDC29</COMM></TARGET>



A Five Minute Overview of:

Alaska Statutes Authorizing Three Residential Education School Options Through The Department of Education & Early Development.

# Three Residential School Options

There are three types of residential opportunities provided for in Alaska Statute Chapter 14 under the Department of Education & Early Development.

- ▶ 1) Secondary Boarding Stipend Program  
AS 14.07.030 (2), 4AAC 09.050
  
- ▶ 2) Mt. Edgecumbe State Boarding School  
AS 14.16.020
  
- ▶ 3) School Districts Operating Residential Schools  
AS 14.16.100, 4AAC 33.090

## Secondary Boarding Stipend Program

- ▶ The Secondary Boarding Stipend Program was established in 1966 in order to provide a secondary school education within Alaska for students from areas without a local high school.
- ▶ During the 1960's and 1970's the student enrollment in this program was significantly higher than today.
- ▶ Currently the Boarding stipend serves approximately 20 students across approximately six districts. The approximate cost is \$185,000 annually, funds are distributed to participating districts.
- ▶ The eligibility includes secondary students who do not have daily access to a school of appropriate grade level.
- ▶ Funding includes a monthly stipend using and one round trip transportation.

## Secondary Boarding Stipend

- ▶ The placement process for the secondary boarding program is outlined in regulation and made by the district of residence.
- ▶ A typical example of this program may be a student from a small community with only one or two high school students and thus the stipend boarding program is used to place the students with a family in another community within the district for high school.
- ▶ This relatively small program provides an option for students to participate in high school in a neighboring community when the high school cohort drops to small numbers in their community school.

# School Districts Operating Residential Schools

- ▶ In 2006 the legislature passed HB 16 which provides funding for statewide residential boarding programs at AS 14.16.200.
- ▶ The initial law included districts that prior to January 1, 2005 were operating a statewide residential program for grades 9 through 12. This included three programs: Galena, Lower Kuskokwim and Nenana.
- ▶ Programs are approved through an application process with a maximum student capacity aligned to the program and dormitory facilities.
- ▶ Funding includes a per pupil monthly stipend rate set in law for nine months a year and one round trip transportation reimbursement.

# School Districts Operating Residential Schools

- ▶ The programs are funded for residential costs for eligible students that live outside the community where the residential school is located.
- ▶ After operating under AS 14.16.200 for approximately five years and providing funding to the initial three districts that were in operation when the law was passed, the 2011 legislature in special session passed HB84 which amended the residential program in two ways:
  - A provision was added allowing the Department to request applications and approve, if applicable, up to three additional programs.
  - The stipend rate was increased by doubling the rates in law, for a two year period. Subsequent law retained and increases rates to current statutory funding.

# School Districts Operating Residential Schools

- ▶ Subsequently both the Regulations and Statue (SB47 enacted in 2013) were amended to include variable term programs.
- ▶ Variable term programs are approved to fund the same number of students throughout the entire school year, however the actual students housed change to provide sessions of residential instruction to different groups of students.
- ▶ The variable term program provides transportation support through one round trip ticket cost per approved bed, to be used to offset actual costs.
- ▶ The variable term program may not claim students for foundation funding as the student is claimed in their full time district of residence.

# School Districts Operating Residential Schools

- ▶ Stipend rates are set in statute by region:
  - Region 1: Southeast \$1,230
  - Region 2: Southcentral \$1,200
  - Region 3: Interior \$1,452
  - Region 4: Southwest \$1,509
  - Region 5: Northern /Remote \$1,776
  
- ▶ The monthly rate x 9 months x actual eligible and approved student count = a district's reimbursement for the residential stipend.
  
- ▶ In addition to the stipend, one round-trip ticket per student, at the least expensive means, between the student's community of residence and the school if the district expends money for the trip.

## School Districts Operating Residential Schools

- ▶ The most recent program change was enacted through HB278 effective July 1, 2015 which sets into law an annual period of application; this does not require that new programs be approved. Application program approvals are made contingent on funding of the added programs.

## FY2015 and FY2016 Approved Applications

- ▶ Open application periods in 2013–2014 and 2014–2015 resulted in five additional approved residential schools:
  - Anchorage – Dena’ina Academy (for approved funding in FY2015)
  - Bering Strait – NACTEC (for approved funding in FY2015)
  - Chugach – Voyage to Excellence (for approved funding in 2015)
  - Northwest Arctic – Star of the Northwest (for approved funding in FY2015, delayed to FY2016 due to dorm construction.)
  
  - Lower Kuskokwim – Ready Academy (for approved funding in FY2016)
  - Nenana applied for and was approved to increase beds by 12 students to a total of 100 students. (for approved funding in FY2016.)

# School Districts Operating Residential Schools

<u>District</u>	<u>School Name</u>	maximum # of students <u>approved</u>	<u>1st year of funding</u>	<u>Year-long/ Variable-term</u>	<u>Funding Region</u>
Anchorage	Dena'ina Academy	4	FY2015	year-long	Region 2
Bering Strait	NACTEC	26	FY2015	variable-term	Region 5
Chugach	Voyage to Excellence	24	FY2015	variable-term	Region 2
Galena	GILA	210	FY2007	year-long	Region 5
Lower Kuskokwim	Kuskokwim Learning Academy	35	FY2007	year-long	Region 4
Lower Kuskokwim	Ready Academy	40	FY2016	variable-term	Region 4
Nenana	Nenana Living Center	100	FY2007	year-long	Region 3
NW Arctic	Star of the Northwest	40	FY2015	year & variable	Region 5

## **4 AAC 09.050. Secondary boarding programs**

(a) The governing body of a district shall make available, at no cost to the student or the student's parent, a basic boarding program to all secondary school age children in the district who do not have daily access to a school of the appropriate grade level by being transported a reasonable distance. The following rules apply:

(1) A basic boarding program must provide for each student

(A) suitable living accommodations, including room and board and supervision while the student is not in school, which satisfy the applicable requirements of state law and regulations;

(B) round-trip transportation to and from the student's usual home; and

(C) daily access to a school offering the appropriate grade level.

(2) Students in a basic boarding program must be placed in accordance with their best interests, taking into account special educational needs.

(3) To qualify for funding by the Department of Education and Early Development, a district's basic boarding program must satisfy the requirements of (1) and (2) of this subsection. Applications for funding must contain the following:

(A) the name, village and grade level of each student;

(B) the location of each student's boarding placement; and

(C) a budget showing transportation, room and board, and out-of-school supervision costs.

(4) Direct costs that may be claimed for reimbursement under this section are:

(A) those associated with one annual round trip between the community of residence and the school location;

(B) a room and board stipend during the school year; and

(C) up to 30 percent of the stipend amount for out-of-school supervision of students at locations outside the school district of residence.

(5) Administrative and out-of-school supervision costs for pupils attending schools within their school district of residence are the responsibility of the school district.

(6) Indirect costs may be claimed against approved expenditures based upon the Department of Education and Early Development annual approved indirect cost rate.

(7) The commissioner will review and adjust stipend rates annually, based upon information prepared by the Alaska Department of Labor and Workforce Development, the University of Alaska Cooperative Extension Service, and the U.S. Department of Labor Consumer Price Index for the Anchorage area. The commissioner will notify school districts of final rates, and the information upon which adjustments were based, by August 15 of the school year to which they apply.

(8) If claims for reimbursement under this section exceed the amount appropriated for that purpose, the commissioner will deny reimbursement of administrative costs, reduce or deny costs associated with student supervision, and prorate student stipends based upon days served, in that order.

(b) No student may be suspended or expelled from a boarding program without due process of law. A student suspended or expelled from a boarding program is not, by that action, considered unavailable to attend a local secondary school required by 4 AAC 05.040.

**History: Eff. 9/3/76, Register 59; am 3/12/86, Register 97; am 1/15/87, Register 101**

**Authority: AS 14.07.020 (1)**

AS 14.07.030

AS 14.07.060

Editor's note: As of Register 151 (October 1999), the regulations attorney made technical revisions under AS 44.62.125 (b)(6) to reflect the name change of the Department of Education to the Department of Education and Early Development made by ch. 58, SLA 1999, and the corresponding title change of the commissioner of education.



# What is the Voyage to Excellence Residential School?

The Voyage to Excellence (VTE) Variable-Term Residential School provides high school students from across Alaska with the skills necessary to successfully make the transition into life after high school. We primarily serve Alaska Native students from rural communities in eight different school districts.

Our goals are:

- To excite students about their future, discuss their options, help them refine their career goals, and empower them with the tools they need to get started in their chosen career.
- To teach students the importance of finishing high school and post-secondary education, financial literacy, healthy living habits, and the employability skills necessary to be successful adults who contribute to their communities and the State of Alaska.

# Program Offerings and Partners

We determine our program offerings at the start of each school year through discussion with our partner districts and businesses, teachers, students, and our district administration. Our business partners include multiple Alaska Native corporations, and many of the careers we base our sessions around such as health aides, construction, and heavy equipment operation are in demand in rural communities.

## **School District partners include:**

Yupiit School District  
Kuspuk School District  
Lake and Peninsula School District  
Bering Strait School District  
Copper River School District  
Kenai Peninsula Borough Schools  
Yukon Koyukuk School District

## **Business partners include:**

Chugach Alaska Corporation  
Chugachmiut  
Tatitlek Corporation  
Chenega Corporation  
Alaska Vocational Technical Center  
Girdwood Fire & EMS  
Alaska Pacific University

# Tuition and Student Totals

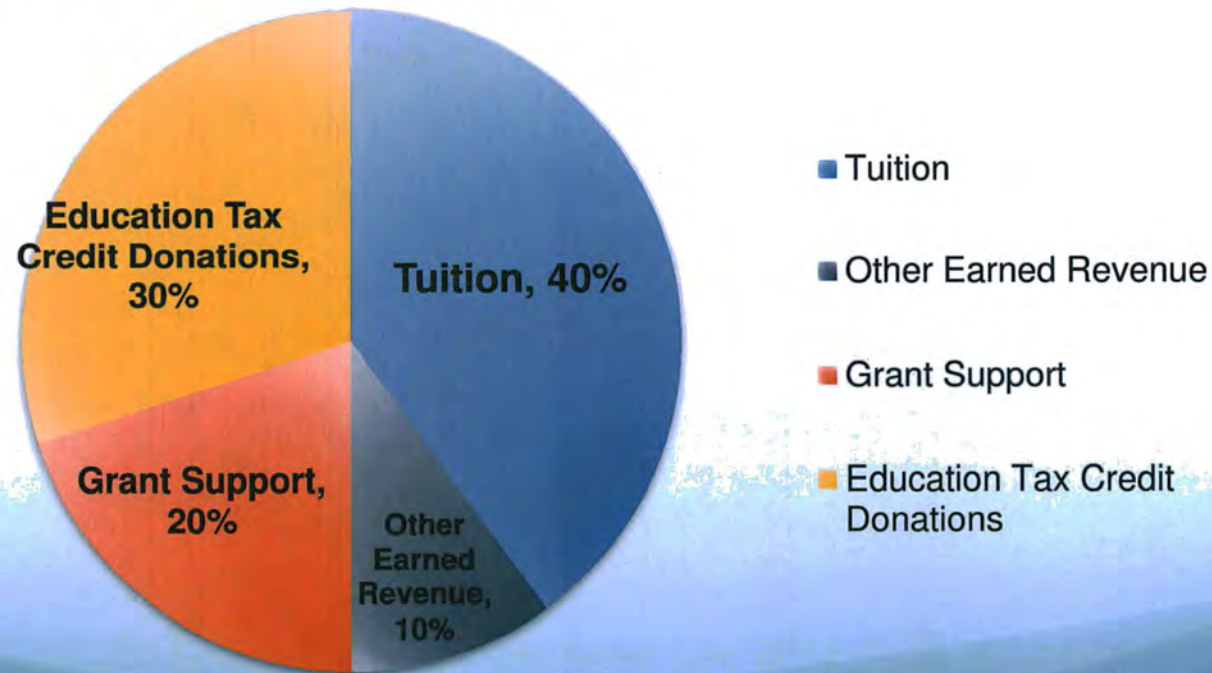
Our tuition forms a significant portion of our budget each year. We use grants and, as of this school year, our Residential School Boarding Stipend to bring down our tuition total, thus allowing more students to attend. For the 2014/2015 School Year our tuition is \$100.00 per day per student.

Our Residential School Boarding Stipend for the current school year, based on 24 total students at the October count period, is \$265,064.

Total Students Served by School Year	
2009/2010	238
2010/2011	232
2011/2012	226
2012/2013	306
2013/2014*	237
2014/2015 To date	137

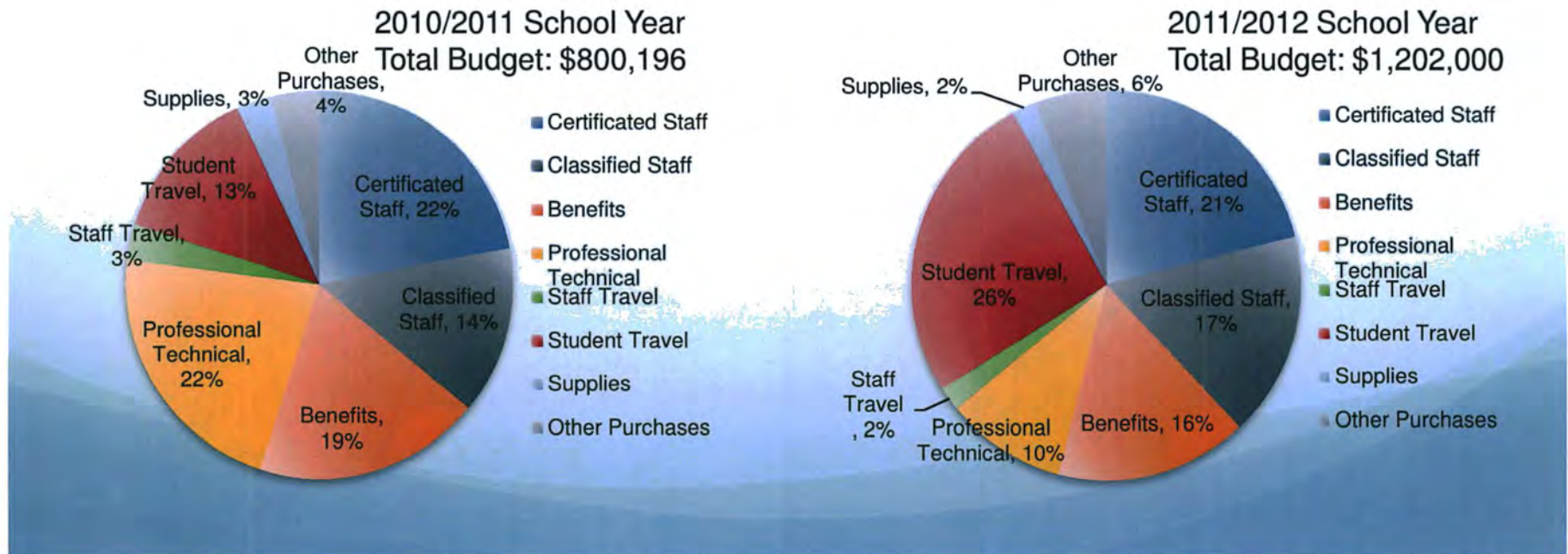
# Program Revenue Sources

Our revenue sources include state and federal grants, tax credit donations, tuition, and now the Residential School boarding stipend. Funding source totals vary year to year based on donations and grants received. This chart shows approximate funding source percentages for previous school years.



# Budget Expenditures

- VTE Expenditures vary from year to year based on total budget from grants and donations received and the goals of those grants and donations.
- Since the majority of our expenditure goes towards staffing, our recent expansion allows us to serve roughly twice as many students, up to 28 at a time, at nearly the same cost as in previous years.
- Here is an example of how our budget and expenditures vary by year:



# VTE Success Stories

Chugach School District recently surveyed VTE students going back to the program's inception in 1996. Of the students surveyed:

- 80% said their VTE experience influenced their career and post-secondary choices.
- 82% said their VTE experience was helpful in their transition to an urban environment.
- 88% said VTE was helpful in their career planning.

One reason VTE is successful is that we don't seek to remove students from their home village. Rather, we teach them the skills and values necessary to be successful whether they choose to stay in their home village or pursue a career elsewhere after high school. This year VTE was nominated for a 2015 Inclusive Practices Award from the Governor's Council on Disabilities and Special Education. Our program has existed for nearly 20 years and continues to improve, adapt, and expand to serve students across the state.

# Galena City School District

Presentation to the Alaska Senate Education Committee  
February 26, 2015



Galena City School District  
Presentation to the Alaska Senate Education Committee  
Thursday, February 26, 2015

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# Background Information on Galena Interior Learning Academy

February 26, 2015

Chris Reitan, GCSD Superintendent

## Galena City School District's Vision and Mission Statement

The vision of the Galena City School District is to provide the highest quality educational options for families in the state of Alaska ensuring our graduates are well-grounded, well-educated individuals able to maneuver effectively in a dynamic world.

The mission of the Galena City School District is to provide active, enthusiastic engagement that inspires learning for every student, in every content area, every day.

## GILA's Beginnings

Following the end of the Cold War In 1993, the Galena Air Force Base was put into "warm storage status" by the Air Force and a contractor was hired to maintain the facilities. The contractor's mission was to ensure the facility could be 100% operational within 24 hours if necessary. The Galena City School District (GCSD) and City of Galena saw an opportunity and opened negotiations with the United States Air Force to utilize some of the under-utilized facilities on the Galena Air Force Base following the Cold War. The vision was to create the "Mt. Edgecumbe of the North" with a vocational emphasis. Galena Interior Learning Academy (GILA) was established during the 1997-98 school year through a partnership between the Galena City School District, the City of Galena, and the United States Air Force. It was the first time that the United States Air Force partnered with a public school system to share facilities on an Air Force Base. This partnership provided the Galena City School District access to underutilized Air Force facilities to begin offering expanded educational offerings for rural Alaskan students. Galena City School District's inaugural student population was 40 and has grown to 212 for the 2014-15 school year.

Until 2008, GCSD benefited from this partnership with the United States Air Force. The Air Force was required to keep all the buildings heated to 40 degree Fahrenheit with GCSD responsible for the heat costs above 40 degrees. This partnership allowed GCSD to occupy unused buildings and to have predictable utility costs to budget for.

In the summer of 2005 The Galena Air Force Base was "officially" placed on the Base Realignment and Closure (BRAC) list establishing a closure date of October 1, 2008. The closure of the Galena Air Force Base was an economic game changer for the community of Galena.

To support Galena's reutilization of Air Force facilities, the United States Air Force provided the community of Galena/school \$6,500,000 worth of transition fuel. This was to offset the loss of federal dollars and provide a means for the community of Galena and the school to grow into the former Air Force facilities. Diesel fuel provided through the BRAC process is staged to support GILA's operations through FY 2017. The BRAC process allowed the Galena Interior Learning Academy to grow as the anchor tenant in the former Galena Air Force Base facilities and expand its student count, providing more educational offerings for rural Alaskan students.

GILA is Alaska's second largest and second longest operating residential program. It is a Career and Technical Education (CTE) focused school and is accredited for grades 9-12 and post-secondary adult vocational programs. GILA provides an alternative educational option for many rural Alaska Native students at risk of dropping out, and provides variety for students with limited educational choices in their community schools. With existing infrastructure and well-established programs, GILA is positioned to serve a larger role with improving the quality of academic/CTE education for rural Alaskan students and play a greater role in Alaska's plan to improve public education statewide.

### Career and Technical Education at the Galena Interior Learning Academy

Addressed in the Galena School District Strategic Plan is our commitment to career and technical education. Our goal for students in the area of CTE is threefold. First, our programs are designed to prepare students for their continued studies at the university level through our tech prepped courses. Secondly, we work to prepare students for post-secondary vocational schools like AVTEC. Grants from the Alaska Workforce Investment Board (AWIB) have been instrumental in this effort. Our third focus is helping students who plan on entering the workforce directly after high school. Again, grants from AWIB have helped us establish relationships with industry partners like Doyon Universal Services and Donlin Mine. These relationships have led to improvements in our culinary, automotive, construction trades, and health sciences programs and have provided our students with a better understanding of work opportunities around the state.

### Choice in Career and Technical Education Programs

GILA students work with our school counselors to map out a program of study in the CTE content areas. Some students come to us knowing exactly what they want to do. Some may explore different options before committing to a specific area. Additionally, GILA offers month long intensive sessions (one during the fall semester and one during the spring semester) for our IDEA (Interior Distance Education of Alaska) students to explore CTE content areas. GILA provides students with the following choices in the area of career and technical education:

- Construction Trades
- Computer Technology
- Aviation Technology
- Automotive Technology
- Culinary Arts
- Cosmetology
- Health Sciences

We also offer our students intensive programs of study leading to industry certifications. Through a partnership with YKSD we have been able to provide Emergency Trauma Technology certification and other health courses. Last year we offered Red Card certification in the area of Wild Land Firefighting through a partnership with UAF. Additionally, we have offered training in the area of alternative resource management which focused on the installation of solar power technology. GILA is committed to improving CTE opportunities for our students. For the spring 2015 we have partnered with UAF's

Criminal Justice Program and have two students enrolled in Introduction to Addictive Processes and one student enrolled in Criminal Justice.

## GILA Challenges

There are many challenges that exist when operating a 24/7 boarding school facility. Recently, two have risen to the top and garnered special attention by the GCSD Board of Trustees and the community of Galena.

### **Sustainable Renewable Energy Sources for the Galena Interior Learning Academy and the community of Galena.**

Energy costs are especially problematic on the Galena Interior Learning Academy campus. GCSD is currently occupying 11 buildings to support the educational mission of the program. Heat and water for these buildings are provided from a central water and steam plant utilizing an utilidor system to deliver these services. Steam heat is provided through a diesel powered boiler system that currently consumes approximately 230,000 gallons of diesel fuel annually. With the upgrades that the district has provided to the buildings through state support and by limiting the number of occupied buildings to only those buildings that are essential to serve the school's mission, GCSD extended the life of the transition fuel provided by the Air Force in 2008. Current estimates predict the transition fuel lasting through the 2017 school year. The City of Galena, Loudon Tribal Council, and Galena City School District have been actively engaged in the development of a woody biomass heat system for the GILA campus. The community was awarded a Round VII Alaska Energy Authority grant application for monies to build a woody biomass heat system that will tie into the current utilidor heat system and provide both woody biomass and diesel powered steam heat for the GILA campus. The challenge arises in ensuring that the woody biomass heat and delivery system is developed in a timely fashion. The goal is the utilization of a renewable sustainable biomass material as the primary fuel for heat on the GILA campus while ensuring the transition diesel fuel is saved as insurance for future years.

### **Facility Upgrades for the Galena Interior Learning Academy**

The former Galena Air Force Base facilities also pose utilization questions for GCSD. The capacity of current classroom space is approximately 220 students, with the GILA residence hall (Ptarmigan Hall) having space for over 300 students. Facilities on the Galena Air Force Base were not developed with educational purposes in mind. Through DEED CIP grants and legislative appropriations GCSD has upgraded five facilities on the GILA campus since 2008 to increase classroom space, ensure the facilities are designed for educational purposes, and to increase the energy efficiencies of the buildings. The Two Seasons Dining Hall, GILA gym, and GILA Composite Building (roof remodel) benefitted from DEED CIP Major Maintenance grants. The GILA Construction Trades Building and Ptarmigan Hall have benefitted from legislative appropriations. However, the "main" core academic classroom spaces are currently insufficient. The Headquarter Building and Composite Building are two critical buildings that are currently under-utilized when square footage and space utilization are analyzed. GCSD submitted a DEED CIP grant for FY 16 for the Headquarter Building that would provide building code and ADA upgrades, increase energy efficiencies, and improved utilization of square footage to house the GILA science, technology, engineering, and math (STEM) facility. It would be the intent to follow-up on this grant application with a DEED CIP grant application to upgrade the building code and ADA compliance

features of the Composite Building and reconfigure current space to provide a more efficient educational environment for a humanities building to house our language arts and social studies programs as well as our administrative offices.

In closing, GILA's residential life responsibilities are tremendous. When you factor in a 24/7 program over 75% of the students' time is devoted to the residential hall and residential life programming. Currently, Alaska statutes do not allow DEED CIP Major Maintenance grant applications for residential life buildings because their primary responsibility is not instructional. Because of the current Alaska Statutes, GCSD and other districts operating residential programs need to seek other funding sources (direct legislative appropriations) for building and code upgrades. If districts operating residential school facilities could access the DEED CIP Major Maintenance grant application process it would provide a funding source that would follow the current DEED CIP guidelines where all grant projects submitted would proceed through the current vetting process providing a level playing field for state capital improvement monies.

**Galena Interior Learning Academy - Spring 2015**  
**Student Home Town Information - 78 Home Towns Represented**

Home Town	# of Students	Home Town	# of Students
Alakanuk	2	Koyukuk	2
Allakaket	1	Kwethluk	1
Ambler	1	Manokotak	1
Anchorage	15	Marshall	8
Anvik	2	Mekoryuk	1
Barrow	1	Mountain Village	1
Beaver	1	Napakiak	6
Bethel	9	Newhalen	2
Brevig Mission	2	Newtok	1
Buckland	2	Nikolski	1
Central	1	Noatak	1
Chevak	3	Nome	3
Circle	1	North Pole	4
Copper Center	1	Northway	1
Crooked Creek	3	Nulato	2
Delta Junction	1	Nunapitchuk	3
Diomede	2	Pedro Bay	1
Eagle River	2	Pilot Station	6
Eek	1	Point Hope	2
Egegik	2	Ruby	5
Emmonak	6	Russian Mission	3
Fairbanks	11	Saint Paul Island	1
False Pass	1	Selawik	1
Fort Yukon	1	Shaktoolik	1
Goodnews Bay	2	Shungnak	2
Grayling	3	Sitka	1
Homer	3	Sleetmute	1
Hooper Bay	8	Soldotna	2
Houston	1	St. Mary's	2
Hughes	2	St. Paul Island	2
Huslia	3	Stebbins	1
Iliamna	1	Stony River	1
Kaltag	3	Tanacross	1
Kiana	1	Tok	3
Kivalina	4	Tununak	2
Kobuk	1	Tyonek	2
Kotlik	1	Unalakleet	1
Kotzebue	9	Unalaska	1
Koyuk	2	Wasilla	3

**Galena Interior Learning Academy - Spring 2015**  
**Student District of Residence - 25 School Districts Represented**

**School Districts Represented**

Alaska Gateway School District
Aleutians East Borough School District
Aleutians Region School District
Alaska Gateway School District
Bering Strait School District
Copper River School District
Delta Junction School District
Fairbanks North Star Borough School District
Iditarod Area School District
Kashunamiut School District
Kenai Peninsula Borough School District
Lake and Peninsula School District
Lower Kuskokwim School District
Lower Yukon School District
Mat-Su Borough School District
Nome City School District
North Slope Borough School District
Northwest Arctic Borough School District
Pribilof Island School District
Sitka School District
Southwest Region School District
St. Mary's School District
Unalaska City School District
Yukon Flats School District
Yukon Koyukuk School District

**Galena Interior Learning Academy CTE Offerings  
Spring 2015**

<b>CTE Areas</b>	<b>Student Numbers</b>
<b>Construction Trades</b>	
Welding I	22
Welding II	6
Aluminum Welding and Fabrication	13
Residential Wiring	23
Woodworking	39
Carpentry	20
<b>Total</b>	<b>123</b>
<b>Percent of High School Students</b>	<b>52.56%</b>
<b>Computer Technology</b>	
Digital Video	10
Introduction to Computers	16
Web Page Design	11
Digital Photography	12
Autocad	5
<b>Total</b>	<b>54</b>
<b>Percent of High School Students</b>	<b>23.08%</b>
<b>Aviation Technology</b>	
Private Pilot Ground School	22
Private Pilot Flying	7
Instrument Rating Airplane Ground School	1
<b>Total</b>	<b>30</b>
<b>Percent of High School Students</b>	<b>12.82%</b>
<b>Automotive Technology</b>	
Small Engines	28
Automotive I	16
Auto II	6
Auto III	2
Auto IV	1
Driver's Ed	43
<b>Total</b>	<b>96</b>
<b>Percent of High School Students</b>	<b>41.03%</b>
<b>Culinary Arts</b>	
Intro to Culinary Arts	44
Culinary Arts I	8
Culinary Arts II	4
<b>Total</b>	<b>56</b>
<b>Percent of High School Students</b>	<b>23.93%</b>
<b>Cosmetology</b>	
Intro to Cosmetology	72
<b>Total</b>	<b>72</b>
<b>Percent of High School Students</b>	<b>30.77%</b>
<b>Health Sciences</b>	
Professional Skills for the Work Place	9
Medical Terminology	8
ETT	7
Anatomy and Physiology	14
<b>Total</b>	<b>38</b>
<b>Percent of High School Students</b>	<b>16.24%</b>
<b>Total High School Population in Galena</b>	<b>234</b>
<b>Total High School Students Enrolled in CTE Courses</b>	<b>469</b>

# Galena Interior Learning Academy

## FY 14 TVEP Results

The Galena Interior Learning Academy (GILA) is a 9-12 grade vocational boarding school that also offers postsecondary adult vocational training. GILA is a section of the Galena City School District that opened for post-secondary students in mid-2002.

For more information about the Galena Interior Learning Academy:

<http://gila.galenaalaska.org/>

Dual University/High School Credit	149 Students Earned University Credit 413 Total University Credits Earned
Aviation	3 Students Earned Private Pilot's Licenses 3 Students Passed the FAA Written Exam
Culinary Arts	44 Students Earned State Food Handler's Card
Cosmetology	16 Students Applied for State Permits

**GILA Instructional Costs FY 15**

<b>Function</b>	<b>\$ Amount</b>
Instruction	1,669,737
Operation and Maintenance	1,763,196
Student Support Services	404,705
School Administration	286,659
Boarding Homes	316,131
Adult and Continuing Education	53,603
Community Service	4,903
<b>Total</b>	<b>4,498,934</b>
<b>Cost Per Student</b>	<b>\$21,221.39</b>

**GILA Residence Life Costs FY 15**

<b>Function</b>	<b>\$ Amount</b>
Boarding Homes	2,241,280
Operation and Maintenance	678,511
Student Activities	20,000
Food Service	1,331,209
<b>Total</b>	<b>4,271,000</b>
<b>Cost Per Student</b>	<b>\$20,146.23</b>

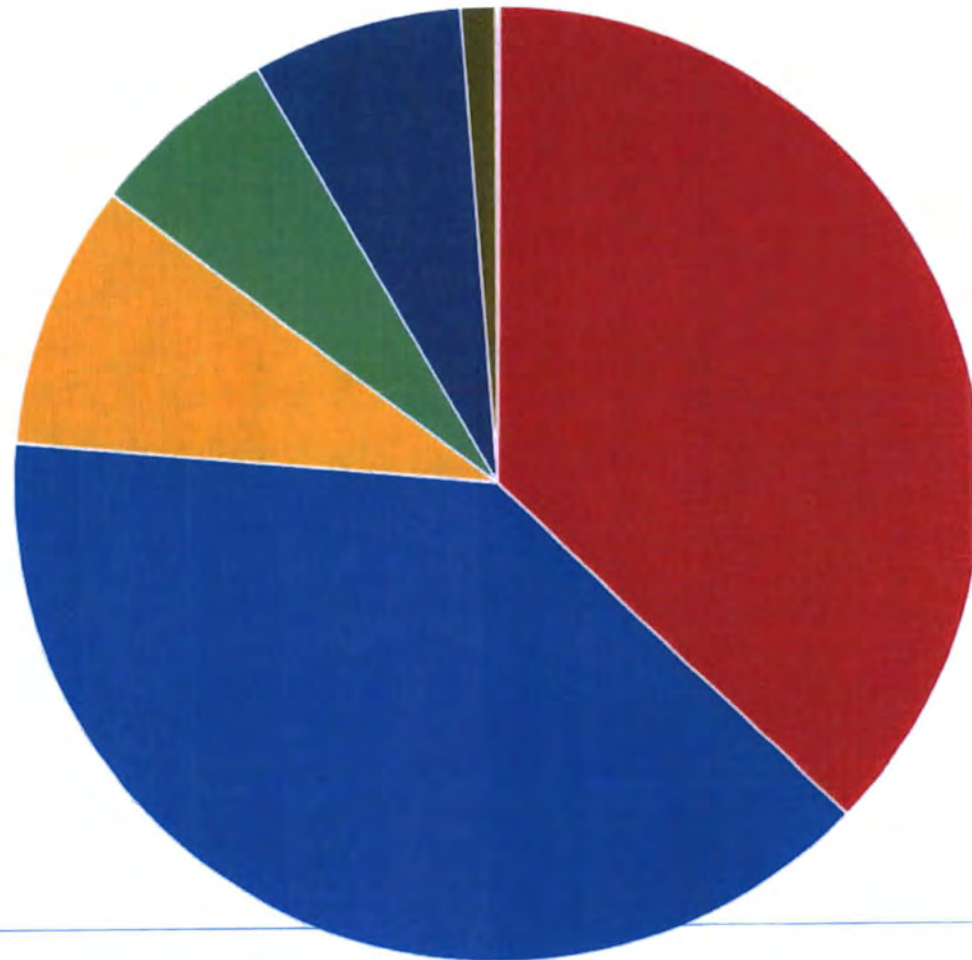
**GILA Instruction Revenue FY 15**

	<b>\$ Amount</b>
General Fund - BSA	2,822,054
TVEP	434,500
City In-kind Other Utility Services	336,996
<b>Total</b>	<b>3,593,550</b>

**GILA Residence Life Revenue FY 15**

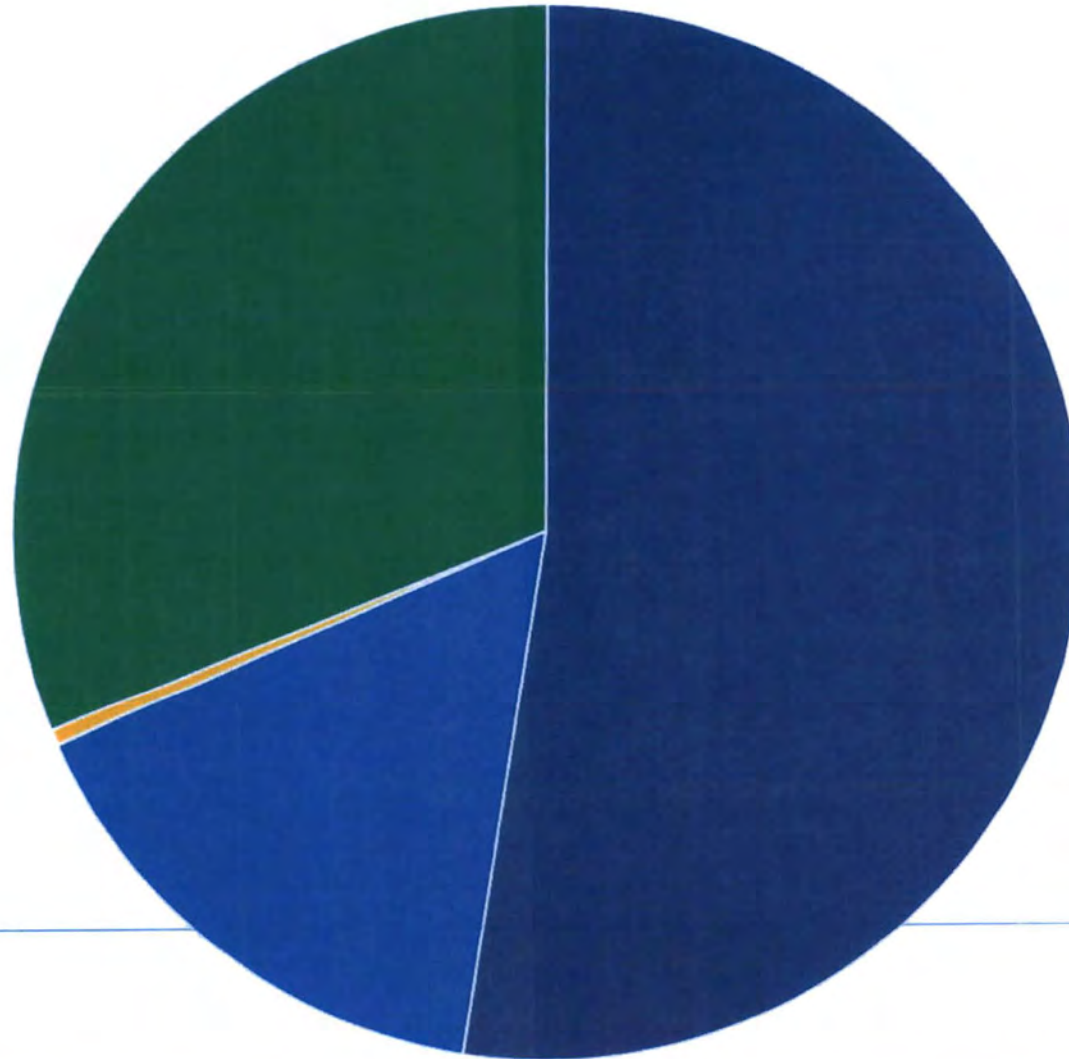
	<b>\$ Amount</b>
Boarding Home Grant	3,682,000
Transfers from Other	587,500
Adult Meals	1,500
<b>Total</b>	<b>4,271,000</b>

### GILA Instructional Costs FY15



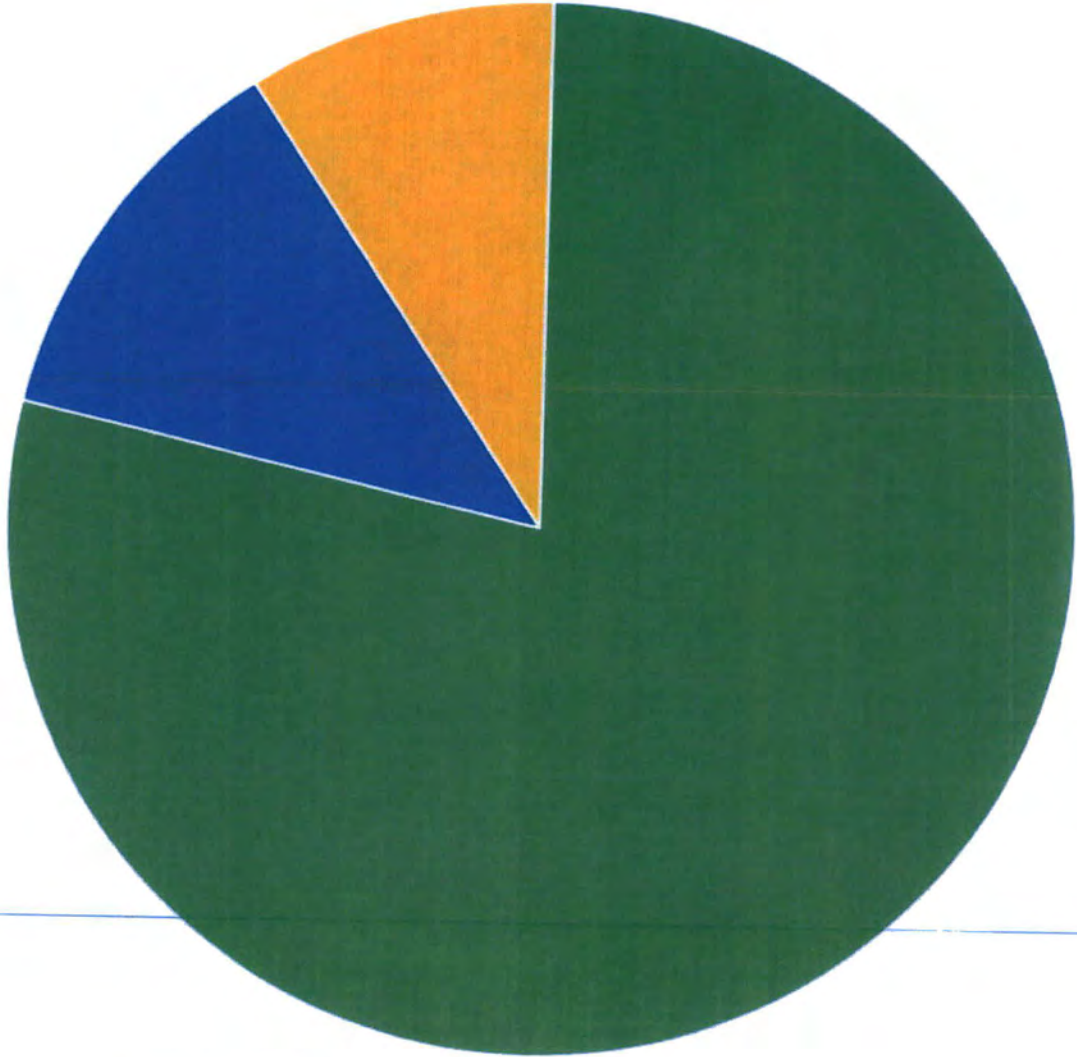
- Instruction
- Operation and Maintenance
- Student Support Services
- School Administration
- Boarding Homes
- Adult and Continuing Education
- Community Service

### GILA Residence Life Costs FY 15



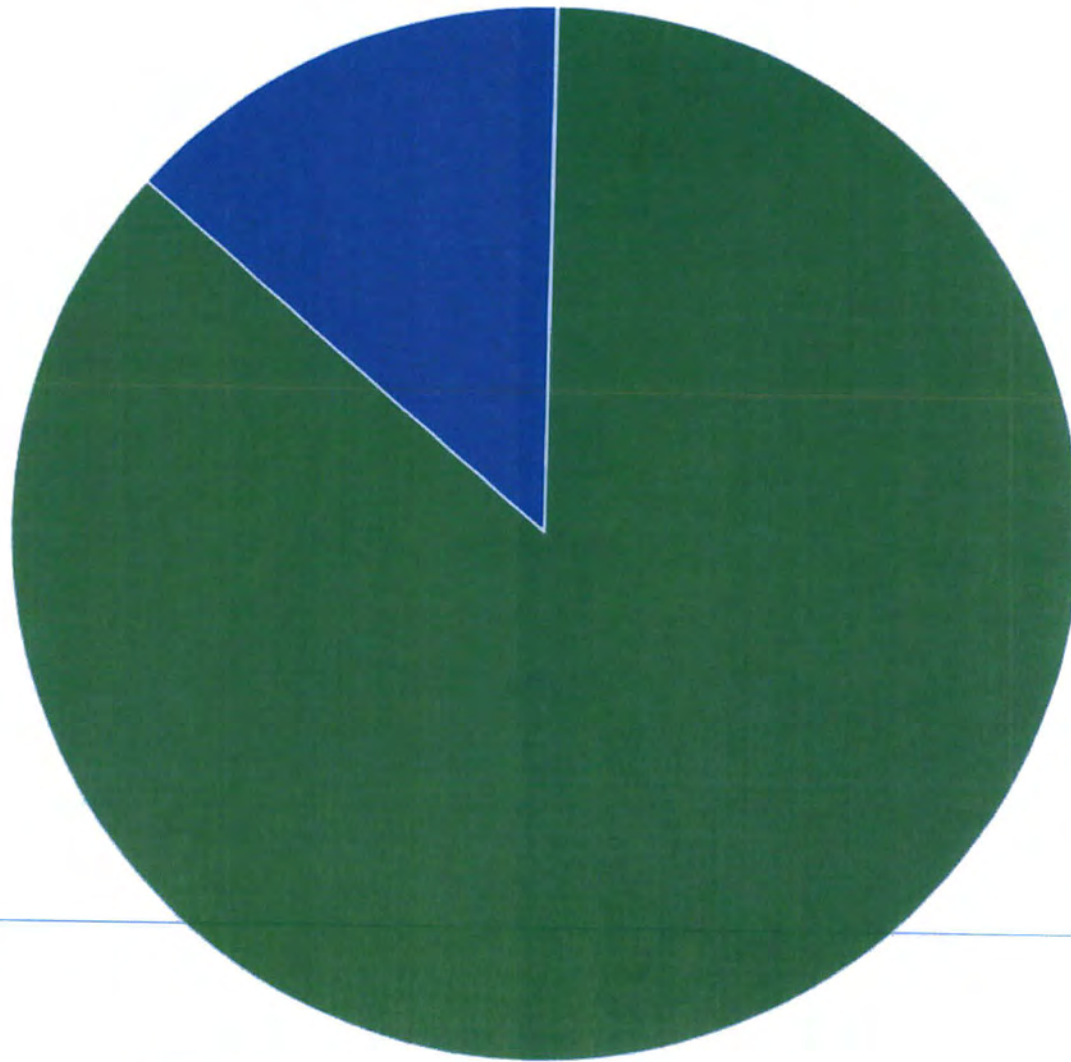
■ Boarding Homes   ■ Operation and Maintenance   ■ Student Activities   ■ Food Service

GILA Instruction Revenue FY 15



■ General Fund - BSA   ■ TVEP   ■ City In-kind Other Utility Services

### GILA Residence Life Revenue FY 15



■ Boarding Home Grant   ■ Transfers from Other   ■ Adult Meals

GILA Class of 2014

12  
10  
8  
6  
4  
2  
0



Work Force



University/College



Post-Secondary Vocational Training

### GILA Class of 2013

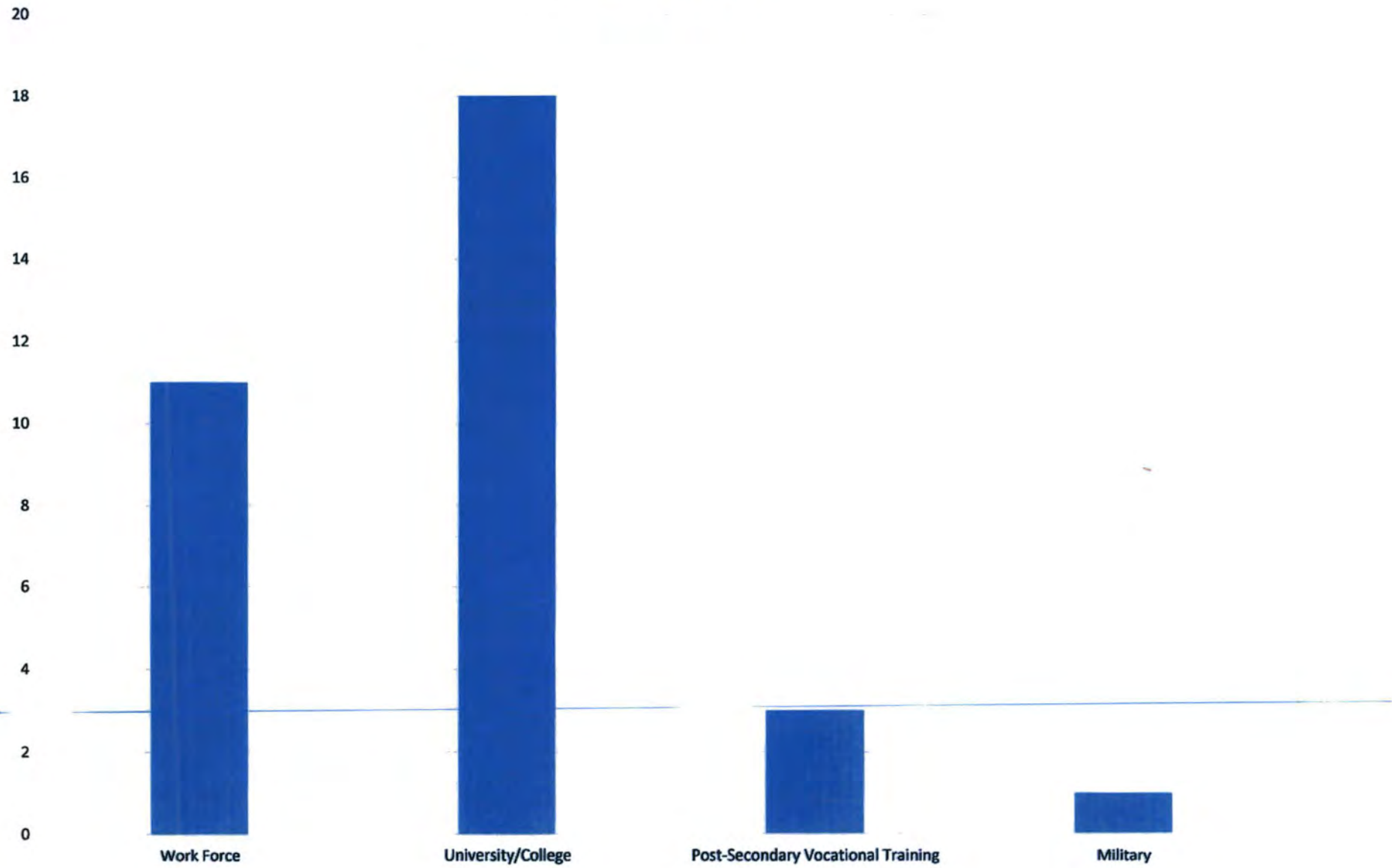
20  
18  
16  
14  
12  
10  
8  
6  
4  
2  
0

Work Force

University/College

Post-Secondary Vocational Training

Military



# GILA Class of 2012

16

14

12

10

8

6

4

2

0

Work Force

University/College

Post-Secondary Vocational Training

Military



ASPI Rating: \*\*\*

# ALASKA SCHOOL PERFORMANCE INDEX (ASPI): 2013-2014

Printed 9/3/2014

School Grade Span

School District **Galena City School District**

School **Galena Interior Learning Academy (GILA)**

**9 - 12**

Participation Rate Grades 3-10	Number Tested	Number Enrolled	Participation Rate	Met Participation Rate	Points None, acts as a trigger to achievement denominator.
	106	106	100.00%	Yes	

K-8 Performance												
Academic Achievement	Reading			Writing			Math			Points	Weighting	ASPI Points
	Cnt Proficient	Cnt Tested *	Pct Proficient	Cnt Proficient	Cnt Tested *	Pct Proficient	Cnt Proficient	Cnt Tested *	Pct Proficient			
	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	0.00
School Progress <small>(Subgroup must have &gt;5 students to be considered)</small>	Growth All		Growth-AK Nat	Growth-Econ Dis		Growth-w/Disabs	Growth-LEP			N/A	0	0.00
	N/A		N/A	N/A		N/A	N/A			N/A	0	0.00
Attendance Rate	N/A									N/A	0	0.00
<b>Total K-8 Points</b>										<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

9-12 Performance													
Academic Achievement	Reading			Writing			Math			Points	Weighting	ASPI Points	
	Cnt Proficient	Cnt Tested *	Pct Proficient	Cnt Proficient	Cnt Tested *	Pct Proficient	Cnt Proficient	Cnt Tested *	Pct Proficient				
	69	106	65.09%	66	105	62.86%	49	105	46.67%	58.23	0.2	11.65	
School Progress <small>(Subgroup must have &gt;5 students to be considered)</small>	Growth All		Growth -AK Nat	Growth-Econ Dis		Growth-w/Disabs	Growth-LEP			95.00	0.4	38.00	
	95.38		94.42	95.91		N/A	92.08			100.00	0.1	10.00	
Attendance Rate	98.84%												
Graduation Rate	4 Year		Cohorts - 4 Yr	5 Year		Cohorts - 5 Yr					90.00	0.2	18.00
	65.52%		2014	91.43%		2014					63.21	0.08	5.06
College Career Readiness	63.21									50.00	0.02	1.00	
WorkKeys Participation	91.94%												
<b>Total 9-12 Points</b>										<b>1.00</b>	<b>83.70</b>	<b>83.70</b>	

^ - Results are suppressed to protect individual confidentiality.

\* - All eligible students are counted when Participation Rate is not met.

N/A - Results do not meet minimum reporting thresholds or no students of the reported grade level were served.

Per 4 AAC 06.835(b), this designation becomes final unless a review is requested within 30 days from receipt.

K-8 Enrollment Count:	0	K-8 Enrollment Ratio:	0.00
9-12 Enrollment Count:	184	9-12 Enrollment Ratio:	1.00

<b>ASPI Score</b>	<b>83.70</b>
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**REVISED PRELIMINARY DATA**

Information received on or after 7/31/2013 may not be reflected in this form.

ASPI Rating: \*\*\*

**ALASKA SCHOOL PERFORMANCE INDEX (ASPI): 2012-2013**

School Grade Span

School District **Galena City School District**

School: **Galena Interior Learning Academy (GILA)**

**9 - 12**

Participation Rate	Number Enrolled	Number Tested	Participation Rate	Met Participation Rate	Points
	88	87	99%	Yes	None, acts as a trigger to achievement denominator.

K-8 Performance							Points	Weighting	ASPI Points
Academic Achievement	Reading		Writing		Math		0	0	0.00
	Count Proficient	Pct Proficient	Count Proficient	Pct Proficient	Count Proficient	Pct Proficient			
	0	N/A	0	N/A	0	N/A			
School Progress <small>(Subgroup must have 5+ students to be considered)</small>	Growth All	Growth-AK Native	Growth-Econ Dis	Growth-w/Disabilities	Growth-LEP		0	0.00	
Attendance Rate							0	0.00	
<b>Total K-8 Points</b>							<b>0.00</b>	<b>0.00</b>	

9-12 Performance							Points	Weighting	ASPI Points
Academic Achievement	Reading		Writing		Math		57.00	0.2	11.40
	Count Proficient	Pct Proficient	Count Proficient	Pct Proficient	Count Proficient	Pct Proficient			
	64	74%	48	55%	36	41%			
School Progress <small>(Subgroup must have 5+ students to be considered)</small>	Growth All	Growth -AK Native	Growth-Econ Dis	Growth-w/Disabilities	Growth-LEP	94.40	0.4	37.76	
Attendance Rate	98.15%					100.00	0.1	10.00	
Graduation Rate	4 Year		5 Year						
	78.38%	76.47%				50.00	0.2	10.00	
College Career Readiness	55.51					55.51	0.08	4.44	
WorkKeys Participation	82.00%					0.00	0.02	0.00	
<b>Total 9-12 Points</b>							<b>1.00</b>	<b>73.60</b>	

^Results are suppressed to protect individual confidentiality.

**FINAL DESIGNATIONS ASSIGNED BY 08/15/2013**

Printed 08/01/2013

K-8 Enrollment Ratio:	0.00
9-12 Enrollment Ratio:	1.00
<b>ASPI Score</b>	<b>73.60</b>

**Mt. Edgecumbe High School**  
**Senate Education Hearing – 2/26/15 at 3:30 p.m.**

**General Information**

Mt. Edgecumbe High School (MEHS) is a school for approximately 400 students in grades 9 to 12. We are housed on a large campus of mostly World War II Navy Base buildings in Sitka. We are a Division of the Department of Education and Early Development of the State of Alaska. A strong tradition surrounds MEHS from around the State because of the combined history of the Bureau of Indian Affairs run school from 1947 to 1983 and the strong mission of opportunity in the State run school since 1986.

**Our Mission:** To provide a challenging, unique education in a residential setting that values rich cultural diversities and traditions, inspiring Alaskan students to become successful, responsible, global citizens.

MEHS inspires students to:

- Discover and expand their talents with multiple innovative opportunities.
- Develop their dreams.
- Meet high expectations for learning and living.
- Prepare for a changing world.
- Form meaningful and long lasting relationships.
- Learn from and appreciate one's own and other's cultures.
- Be ethical leaders.

Our Mission and Vision, in conjunction with our admissions process, translates into providing a great range of opportunity in a great number of areas for students who may not have those opportunities in their community.

**Quick Facts**

**Enrollment:**

School Year	October Enrollment	End Of Year Enrollment	Average
2009-2010	398	337	367.5
2010-2011	401	345	373
2011-2012	396	350	373
2012-2013	400	362	381
2013-2014	405	359	382
Average	400	350.6	375.3

**Graduation Rate**

<b>2014</b> <ul style="list-style-type: none"><li>• 4-Year Rate = 91.30%</li><li>• 5-Year Rate = 98.57%</li></ul>	<b>2013:</b> <ul style="list-style-type: none"><li>• 4-Year Rate = 97.18%</li><li>• 5-Year Rate = 98.80%</li></ul>
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### Alaska School Performance Index (ASPI)

2014	2013
<ul style="list-style-type: none"><li>• 4-Star School // 92.80 ASPI School</li><li>• 98.91% Participation Rate</li></ul>	<ul style="list-style-type: none"><li>• 4-Star School // 91.26 ASPI School</li><li>• 99% Participation Rate</li></ul>

Six (6%) percent of our students come from one star schools.  
Nineteen (19%) of our students come from two star schools.

### Annual Measureable Objective (AMO) Proficiency Rate Comparison for 2014

MEHS Proficiency	Statewide Proficiency
<ul style="list-style-type: none"><li>• Reading = 81.03%</li><li>• Writing = 84.97%</li><li>• Mathematics = 74.71%</li></ul>	<ul style="list-style-type: none"><li>• Reading = 80.12%</li><li>• Writing = 74.98%</li><li>• Mathematics = 68.91%</li></ul>

### Beyond MEHS

- Graduate "Intentions" (graduates identify their plans for the next year). These percentages are consistent and within 2 or 3 percentage points each year.
  - 80% - attend a four-year college or university
  - 10% - attend a two-year community college
  - 5% - join the workforce
  - 2% - join the military
  - 3% - have no specific plans

**Number of Beds: 392**

### Student Applications

Completed applications: 360

New students enrolled in school year 14/15: 176

### Admission Criteria

Admission policy and practice is derived from Alaska Statute 14.16.030 and Code 4 AAC 33.080. Characteristics include:

- SBOE shall prescribe admission standards, and may not discriminate in favor of or against any resident based on race, sex, creed, national origin, or the location or type of residence within the state.
- Any student residing in any school district may apply
- Application will include statements of MEHS value to student/parent, student records, transcripts, achievement test results, two teacher (or another adult) recommendations
- Considerations include: availability of high school program; degree of expected benefit; degree to which the student will bring background experiences, skills and abilities that will enhance diversity or academic potential of student body;

any particular school, family, or social situation that makes the structure especially advisable.

- Preference to student whose educational, emotional, or family requirements warrant attendance.
- Continued attendance at MEHS.

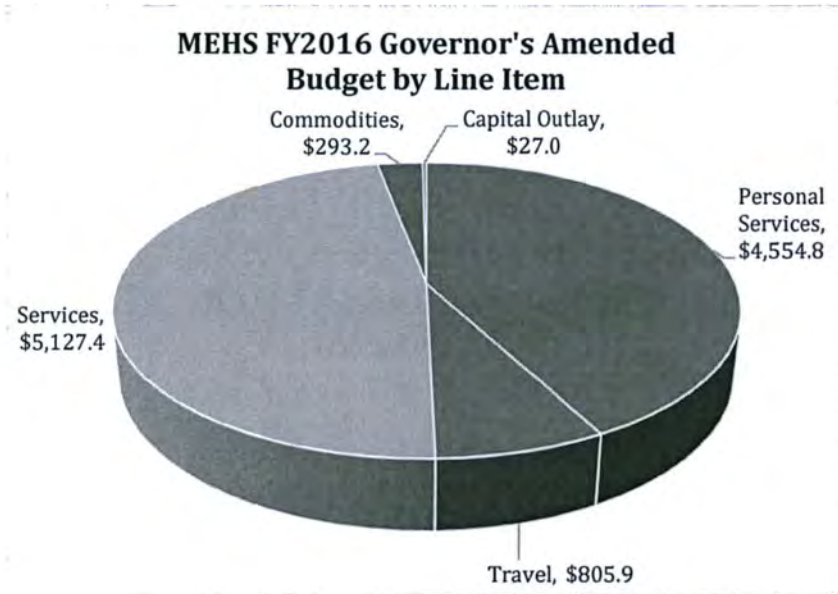
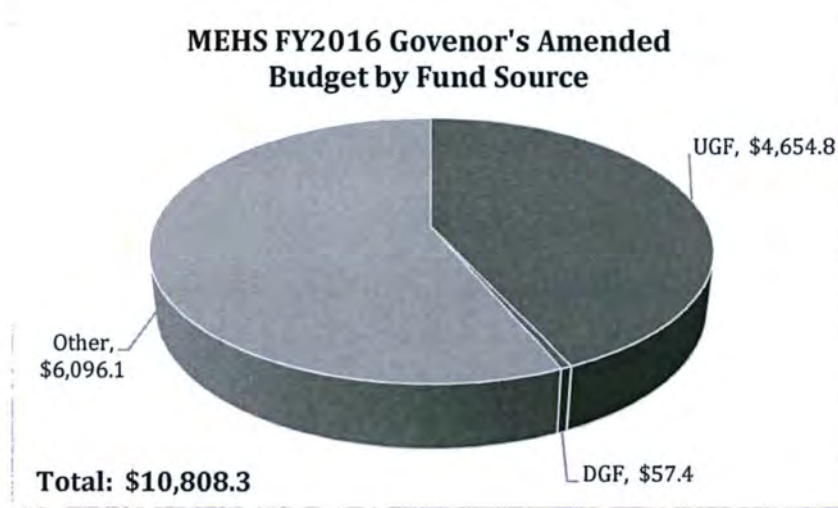
### MEHS Students and Community Representation

City	# Students	City	# Students	City	# Students
Akiachak	1	Iliamna	1	Old Harbor	5
Akiak	5	Juneau	5	Palmer	6
Alakanuk	9	Kaktovik	2	Pilot Station	4
Aleknagik	6	Kalskag	5	Port Lions	4
Ambler	1	Karluk	2	Quinhagak	4
Anchorage	46	Kenai	2	Ruby	2
Aniak	3	Kiana	1	Russian Mission	2
Arctic Village	1	King Cove	1	Saint George Island	3
Barrow	6	Kipnuk	2	Saint Marys	8
Beaver	1	Klawock	1	Saint Michael	5
Bethel	20	Kobuk	3	Saint Paul Island	5
Brevig Mission	1	Kodiak	4	Sand Point	1
Buckland	1	Kongiganak	2	Savoonga	5
Chalkyitsik	1	Kotlik	5	Scammon Bay	2
Chevak	2	Kotzebue	7	Seward	1
Cordova	2	Koyuk	4	Shishmaref	3
Craig	3	Kwethluk	10	Sitka	34
Dillingham	12	Little Diomed	1	Stebbins	1
Dutch Harbor	1	Manokotak	3	Thorne Bay	1
Eagle River	4	Marshall	5	Togiak	4
Eek	2	McGrath	2	Tok	6
Ekwok	2	Mekoryuk	1	Toksook Bay	1
Elfin Cove	1	Mountain Village	4	Tuluksak	1
Elim	2	Nanwalek	2	Tuntutuliak	2
Emmonak	11	Napakiaik	2	Tununak	1
Fairbanks	11	Nelson Lagoon	1	Unalakleet	5
False Pass	1	Nenana	1	Unalaska	1
Fort Yukon	5	New Stuyahok	3	Venetie	1
Gambell	3	Noatak	1	Wainwright	1
Glennallen	1	Nome	24	Wasilla	3
Golovin	1	Nuiqsut	1	Yakutat	1
Gustavus	1	Nulato	2		
Haines	2	Nunamiqua	1		
Holy Cross	3	Nunapitchuk	3		
Homer	2				
Hooper Bay	2				
Huslia	2				
Hydaburg	1				

This chart represents 416 students from 103 communities across Alaska.

### MEHS Financial Overview - Projected FY16

Total FY2016 Governor's Amended budget is \$10,808.3. MEHS is projected to receive \$3,143.7 from the Public School Funding Program (foundation formula).



Average cost per student based on the FY2016 Governor's Amended budget is \$19,496.

## Special Curricula at Mt. Edgecumbe High School (MEHS)

The mission of Mt. Edgecumbe High School is to provide challenges and opportunities for students throughout Alaska who do not have them. MEHS offers a range of curricular and residential offerings. The following list does not list “core” class offerings.

Special Curricula	Brief Description, if needed
<b>Science and Math</b>	
Academy of Engineering	Students can graduate with a high school “engineering” certificate.
Robotics I /II	Class and competitions.
Calculus	Class.
Trigonometry	Class.
ANSEP Partner (Alaska Native Science and Engineering Project)	Students build computers and take upper math. Direct link to UAA Engineering.
Intro to Molecular Ecology (DNA analysis research)	Project with UAF. Students have produced “published” scientific research.
Anatomy and Forensics	Class.
Organic / Biochemistry	Class.
Sea Tech	Students analyze Alaska ocean acoustical data in partnership with Scripps Oceanic Institute. Published scientific research papers by students.
Marine Biology	Class.
Oceanography	Class.
<b>Healthcare</b>	
Emergency Trauma Training (ETT)	Class and certification.
Emergency Medical Training (EMT)	Class and certification.
Certified Nurse’s Assistant (CNA)	All semester certification program.
<b>Trades</b>	
Welding I, II, and Advanced	At least 10 students from program working as certified welders in Alaska.
Construction	Build miniature houses. (Decreased by 50% due to FY15 budget
Small Engines	Cut due to FY15 budget.
Small Business Management	Cut due to FY15 budget
Accounting	Class.
Applied Business	Class.
<b>Art/Music</b>	
Rock Band, Choir, Band I and II	Classes.
Ceramics, Digital Photography, Drawing, Painting	Classes.
Drama, Debate, Forensics	Class and Extra Curricular Activity

<b>Technology</b>	
Computer Aided Design (CAD)	Part of Academy of Engineering
3D Modeling, design and "printing"	Used in different classes.
CNC (Computer Numerical Control) cutting design and fabrication	Used in different classes.
Computer Programming	Class.
Computer Animation	Class.
Media Productions	Class.
<b>Languages</b>	
Chinese I/II/III/IV	
Japanese I/II/III/IV	
Spanish II/III	Spanish being cut due to FY15 budget.
<b>Special Offerings</b>	
Outdoor survival training	Special training for all students.
Water safety	Special training for all students.
Ground School pilot training	Class.
Senior Futures	College preparatory class.
College and World of Work Fairs	College, University, Business reps on site.
Law Enforcement Cadet Corps (LECC)	Cadre of students trained for law enforcement. Partnered with Public Safety Academy.
Color of Justice	Legal career expo:Alaskan judges/legal on site.

**Partnerships:**

\*\*\*University of Alaska, Sitka Partnership: UAS, Sitka, is contained within the MEHS core campus. Our students take "dual credit" and have a great range of opportunities for certifications. This program was cut in half this school year due to FY15 budget.

\*\*\*Japanese Sister School Exchange Program

\*\*\*Confucius Institute for Teachers and Students

**Additional Opportunities beyond the School Curriculum:**

Students participate in a great number of summer and school internship and opportunities.

Most MEHS students volunteer for a variety of public service projects.

Students participate in a great number of clubs and school organizations.

Students participate in a great variety of "residential" activities.

Please note that some of these classes are offered once a year or every other year.



STAR OF THE NORTHWEST  
MAGNET SCHOOL

“Lack of access to opportunity is the largest single factor impacting the success of students in small remote rural high schools.”

*- Jerry Covey, Former State of Alaska Commissioner of Education*

What we will accomplish with STAR of the Northwest is to increase access to opportunities.

The results of a survey of 88 high school students across the district, conducted in 2012-13, revealed that a significant number (31%) had “no opinion” on any career plans or goals after graduation.

The survey also showed that 76% hoped to live in the region, and have a career that would allow them to support themselves and their family.

Our goal is for students to experience first-hand the high-paying, high-demand career opportunities available in the State and to engage in a career track beginning in grade 11 and extending into industry certifications and associate degrees.

## STAR includes:

- ▶ A coordinated effort by Northwest Arctic Borough School District, Alaska Technical Center, and the University of Alaska, and industry partners.
- ▶ An articulated and comprehensive high school and post-secondary program designed to strengthen Alaska's workforce.
- ▶ Career-focused programs in Culinary Arts, Education, Health Care, & Process Technology.

The secondary residential component of STAR offers:

- ▶ Full-year program with 30 beds for residential students grades 11-12.
- ▶ Variable-length programs with 10 beds for residential students grades 11-12.

# STAR OF THE NORTHWEST MAGNET SCHOOL

NEW OPPORTUNITIES FOR RURAL ALASKANS





Kuskokwim Learning Academy

# KLA Questions

- What is KLA
  - 9-12 Boarding High School that is Accredited through AdvancEd who focuses their enrollment on the at-risk student population
- Where is KLA located?
  - Bethel, AK
- What is KLA's Zero Tolerance Rules?
  - Drug, Alcohol, & Bullying
- What does my schedule look like at KLA?
  - 6-Week Sessions = 1 Semester
  - 2-3 Classes a Day for 2.5 hours everyday for 6 weeks
- Who attends KLA?
  - Everyone can Attend
  - Most attending were academic/social at-risk and drop-out students
  - Targeting of Parenting Teens by Providing a Daycare/Preschool on Site
- What is KLA's Enrollment Process
  - Filling out an Application
  - Student Interview



# Vision Statement

- In keeping with the mission statement of Lower Kuskokwim School District (LKSD), the vision of Kuskokwim Learning Academy (KLA) seeks to develop productive citizens and future leaders in society by providing a safe and tolerant environment through a voluntary, drug, alcohol, and tobacco free program that encompasses:

Academic  
Achievement

Work-Based

Learning

Community

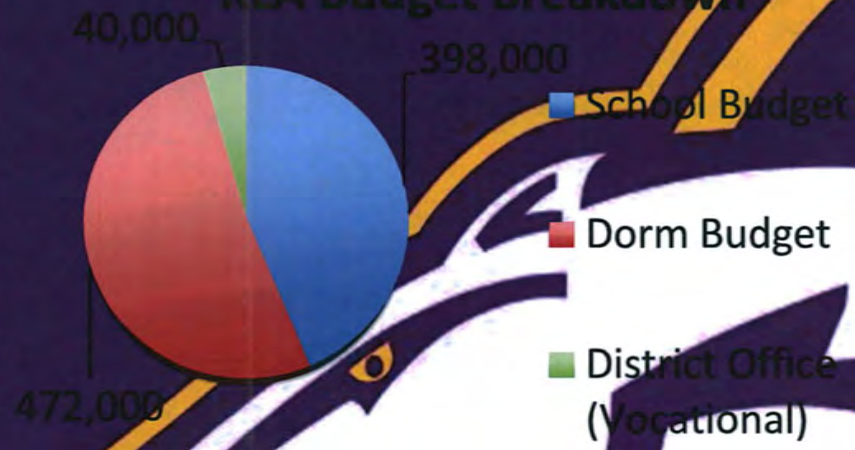
Volunteerism

Personal Responsibility, Pride, & Self

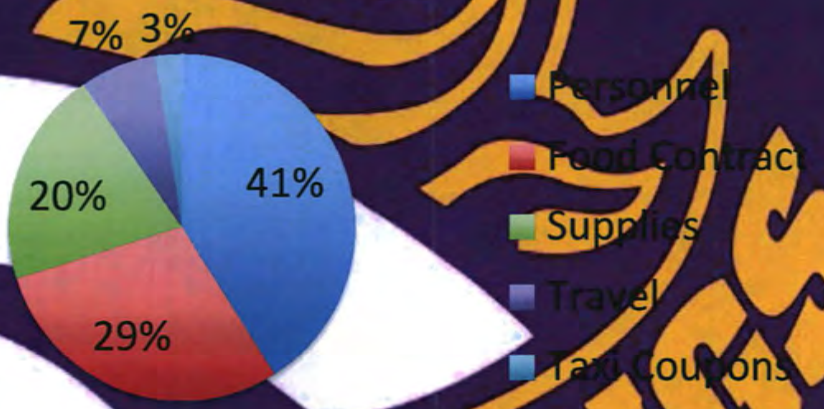
**MUSTANGS**

# KLA BUDGETS

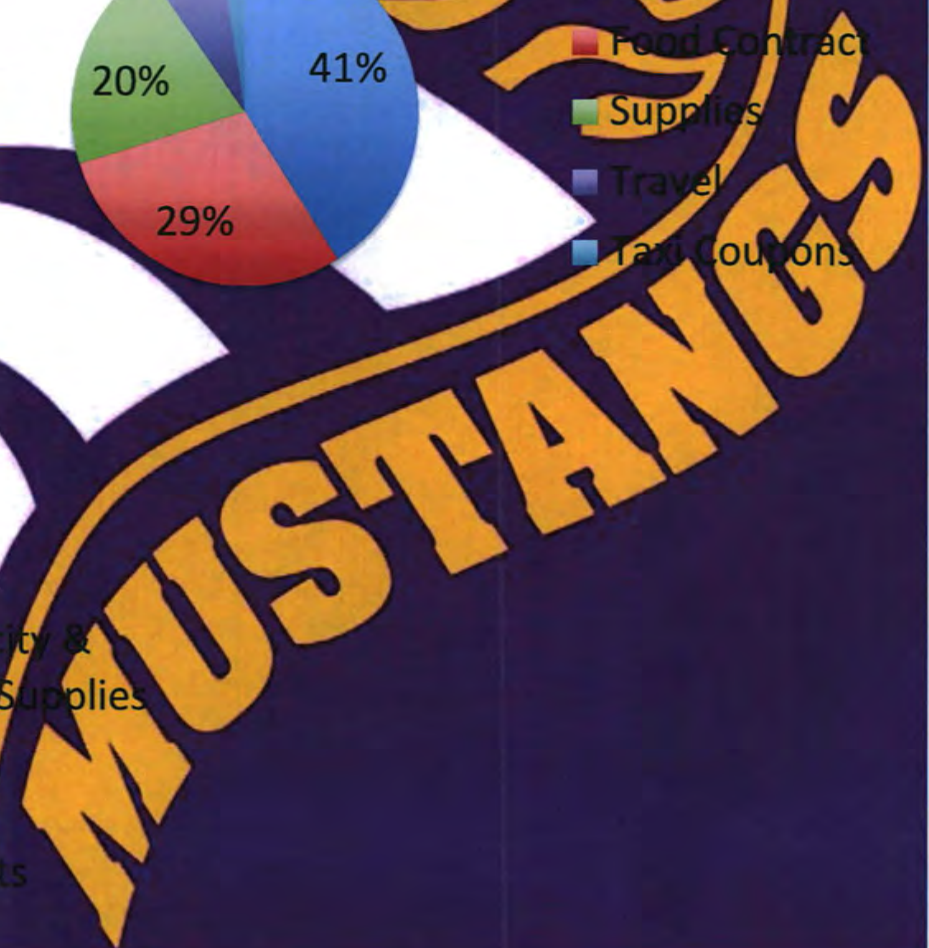
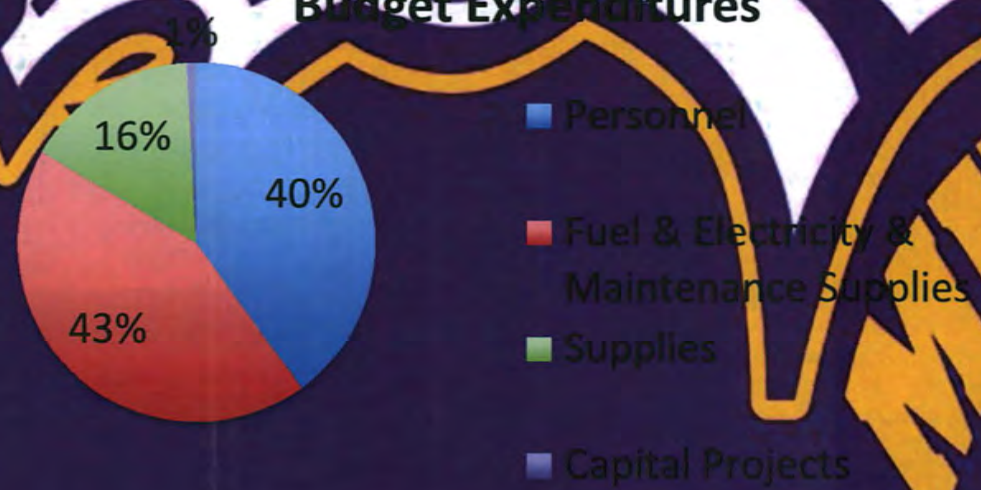
## KLA Budget Breakdown



## KLA Dorm Budget Expenditure YTD

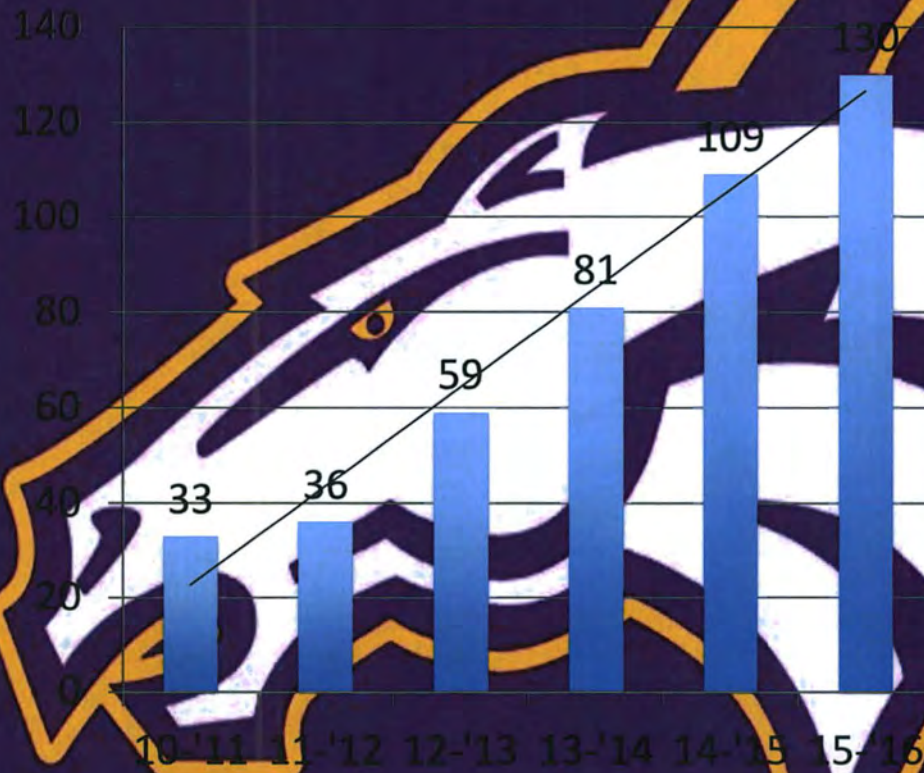


## KLA School Budget Expenditures



# KLA Student Population

## Student Population



5 Year Average = 63.6 Students

Site Avg. Cost Per Student = \$4,926

Number of Dorm Beds = 46

Dorm Avg. Cost Per Student = \$10,250

## October vs. End of Year Population

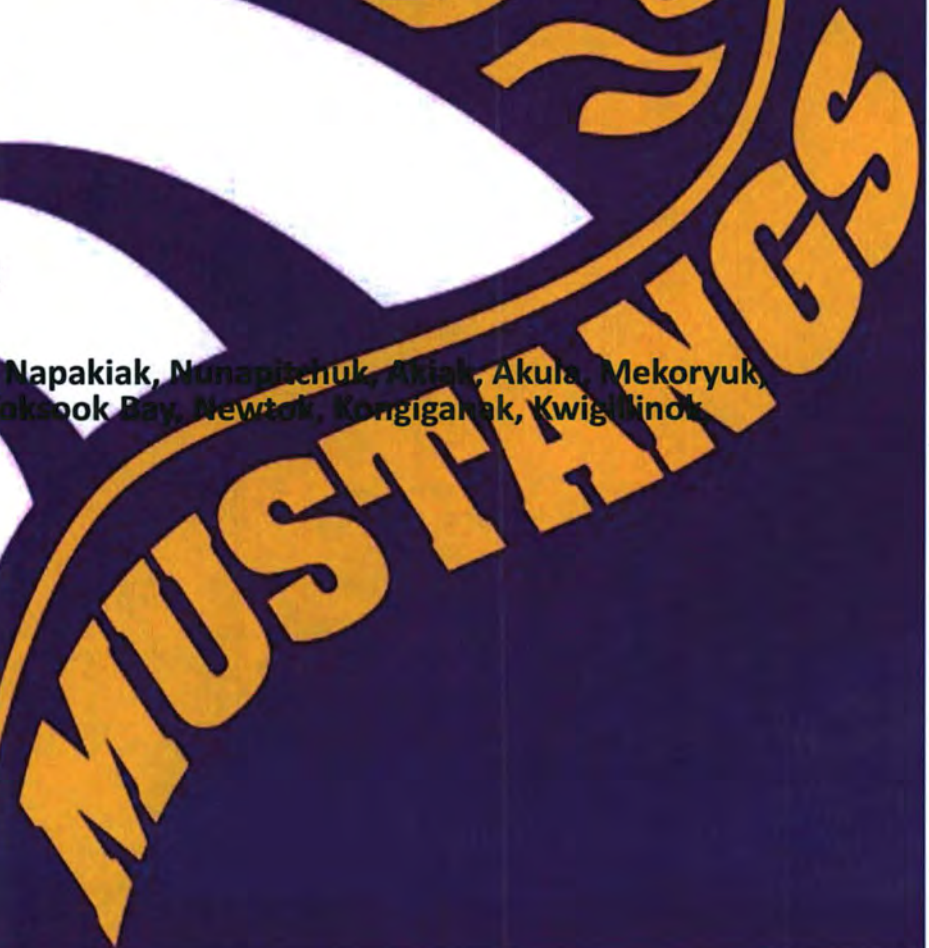
School Year	October	May
2010-2011	33	21
2011-2012	36	16
2012-2013	59	51
2013-2014	81	72
2014-2015	109	111 (Current)

# Student Social/Emotional Needs

- **Full-Time Site Based Social Worker**
  - Licensed Clinical Social Worker
  - Certified School Social Worker (Type C)
- **Culturally Appropriate Groups**
  - Coping Skills for Substance Abuse, Depression, Anxiety, and Post-Traumatic Stress
- **Other Services**
  - Public Health STD Check, Pregnancy Check, Medicaid Referral, Vocational Rehab, Daycare Tuition Reimbursement, Home Visits, Academic Counseling, and Provides Consistency & Stability
- **95% of students have had multiple social worker visits**
- **Reduction of Student Dropout/ Behavior Dismissals**

# Where Do KLA Students Come From?

- **Fairbanks North Star Borough School District**
  - West Valley High School
- **Anchorage School District**
  - East High School
- **Bering Straits School District**
  - Brevig Mission
- **Kashunamiut School District**
  - Chevak High School
- **Lower Yukon School District**
  - Kotlik, Emmonak, Hooper Bay, Alakanuk
- **Lower Kuskokwim School District**
  - Kwethluk, Bethel, Oscarville, Napaskiak, Napakiak, Nunapitchuk, Aniak, Akula, Mekoryuk, Goodnews Bay, Nightmute, Cheforak, Toksook Bay, Newtok, Kongiganak, Kwiglinok, Quinhagak, Tununak, Tuntutuliak
- **Yupit School District**
  - Aniakchak, Tuluksak, Aniak
- **Kuspuk School District**
  - Kalskag, Red Devil
- **Iditarod School District**
  - McGrath



## ASPI Score

	ASPI Score	Star Rating
2013-2014	52.89	1
2012-2013	47.94	1

## Graduation Rate

	4 Year	5 Year
2009-2010	45.45%	-
2010-2012	0%	-
2012-2013	22.22%	-
2013-2014	14.29%	27.27%
2014-2015	9.09%	23.08%

## ASPI Subcategory Scores

	Growth Score	Reading Proficiency	Writing Proficiency	Math Proficiency
'13-'14	72.22	36.84%	21.05%	15.79%
'12-'13	70.91	28%	26%	21%

KLA Class of 2015

**4 Year Graduates = 5 Students**  
**5 Year Graduates = 5 Students**  
**6 Year Graduates = 12 Students**  
**7 Year Graduates = 5 Students**  
**8 Year Graduates = 1 Student**  
**Total Graduates = 29 Students**

**\*\*\*Largest Graduating Class**

# Academic Programs

- **Lower Kuskokwim School District Curriculum**
  - Pre-Algebra to Pre-Calculus
  - Freshman English to British Literature/Advanced Comp
  - Earth Science to Chemistry
  - Student Participation in the ANSEP STEM at Bethel Regional HS
- **Work-Based Learning Electives**
  - Certified Nursing Assistant
  - Hydroponics
  - Flight Ground School
  - On Air Yupik Translator at Local Radio Station
  - Teacher's Assistance and On-Site Daycare Aides
  - Construction Trades
    - National Center for Construction Education and Research Certificate
  - Various Employment Opportunities throughout the Community that Matches Student Interest

## Next School Year

- Add 2 Certified Teachers and Dean of Students to run a dual start time to draw more students.
- Expansion of our Social Worker Department
- Alaska State Trooper JROTC, Dental Assistant, Expansion of Hydroponics, Flight Program, CDL Program
- Finished "Road Maps" for Academic/Vocational Mix Planning

## Challenges

- Large Waitlist to Attend School with All Dorm Beds Filled
  - 53 Students on the Waitlist As of Today
- Limited funding to expand to other Vocational programs that can interest students in the area.

Following is a copy of the prior PowerPoint without background images. This version was uploaded onto BASIS but not included in the paper file. -7/19/2021 (JF)

# Kuskokwim Learning Academy

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Achievement

Work-Based

Learning

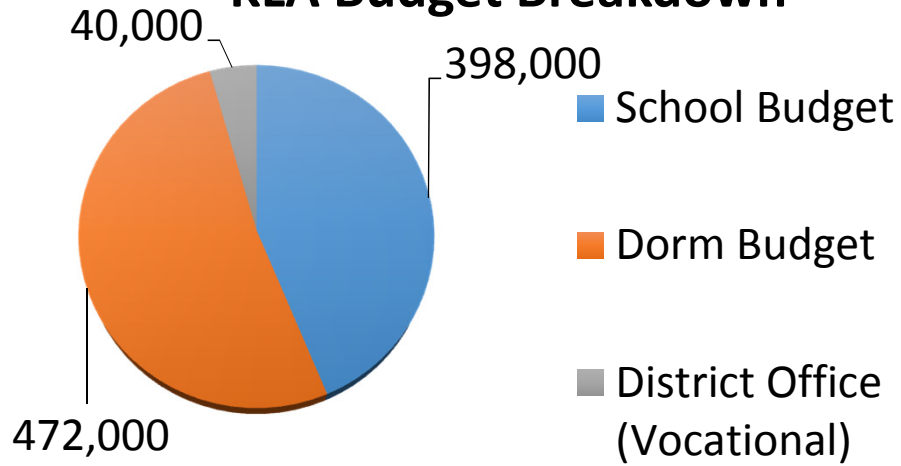
Community

Volunteerism

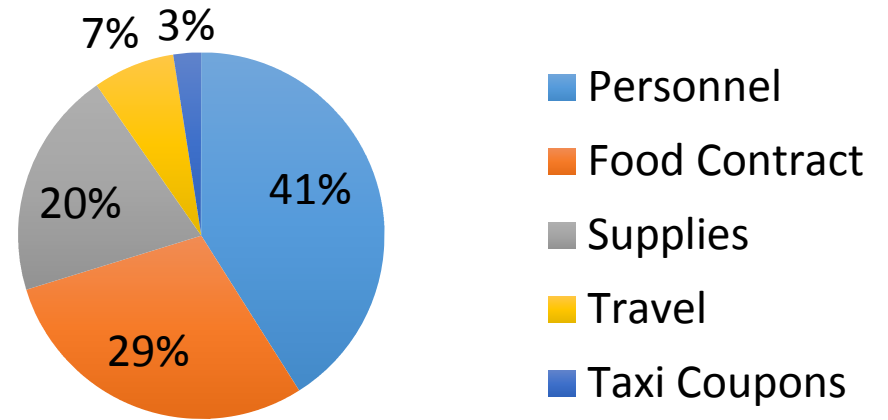
Personal Responsibility, Pride, & Self Confidence

# KLA BUDGETS

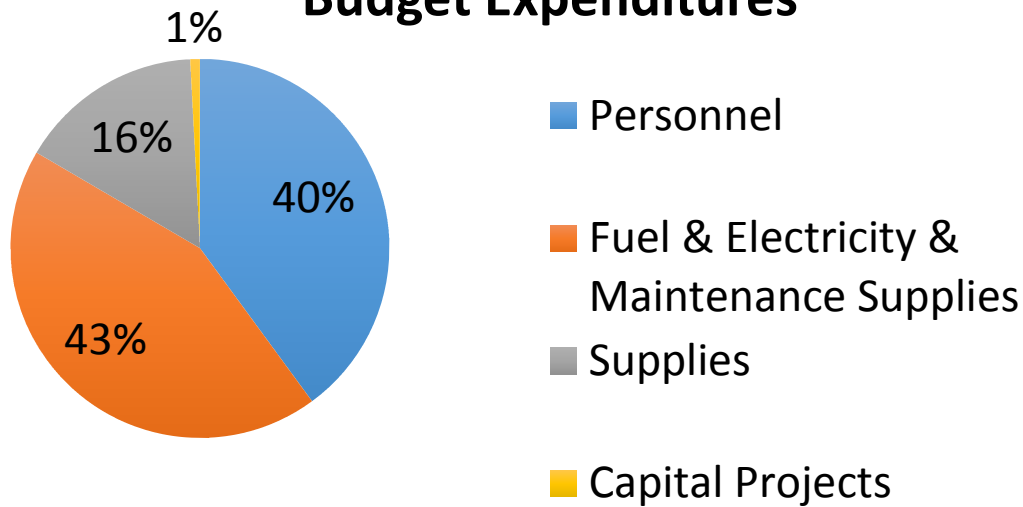
## KLA Budget Breakdown



## KLA Dorm Budget Expenditure YTD

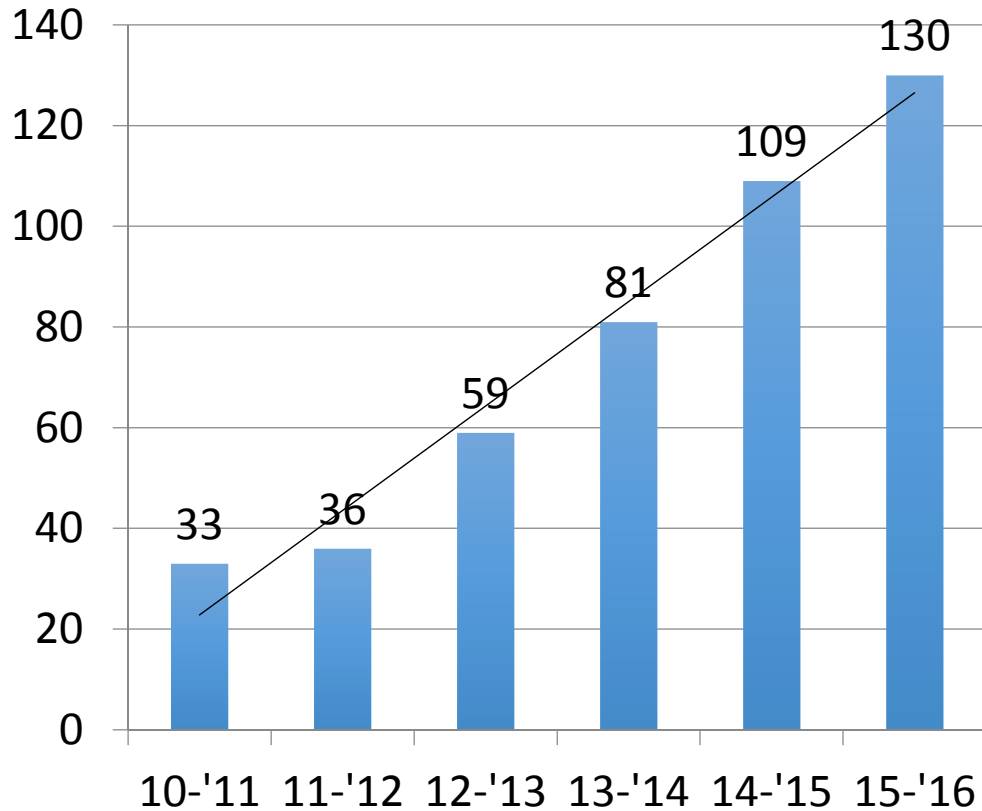


## KLA School Budget Expenditures



# KLA Student Population

## Student Population



**5 Year Average = 63.6 Students**

**Site Avg. Cost Per Student = \$4,926**

**Number of Dorm Beds = 46**

**Dorm Avg. Cost Per Student = \$10,250**

## October vs. End of Year Population

School Year	October	May
2010-2011	33	21
2011-2012	36	16
2012-2013	59	51
2013-2014	81	72
2014-2015	109	111 (Current)

# Student Social/Emotional Needs

- **Full-Time Site Based Social Worker**
  - Licensed Clinical Social Worker
  - Certified School Social Worker (Type C)
- **Culturally Appropriate Groups**
  - Coping Skills for Substance Abuse, Depression, Anxiety, and Post-Traumatic Stress
- **Other Services**
  - Public Health STD Check, Pregnancy Check, Medicaid Referral, Vocational Rehab, Daycare Tuition Reimbursement, Home Visits, Academic Counseling, and Provides Consistency & Stability
- **95% of students have had multiple social worker visits**
- **Reduction of Student Dropout/ Behavior Dismissals**

# Where Do KLA Students Come From?

- **Fairbanks North Star Borough School District**
  - West Valley High School
- **Anchorage School District**
  - East High School
- **Bering Straits School District**
  - Brevig Mission
- **Kashuamiut School District**
  - Chevak High School
- **Lower Yukon School District**
  - Kotlik, Emmonak, Hooper Bay, Alakanuk
- **Lower Kuskokwim School District**
  - Kwethluk, Bethel, Oscarville, Napaskiak, Napakiak, Nunapitchuk, Akiak, Akula, Mekoryuk, Goodnews Bay, Nightmute, Cheforak, Toksook Bay, Newtok, Kongiganak, Kwigillinok, Quinhagak, Tununak, Tuntutuliak
- **Yupiiit School District**
  - Akiachak, Tuluksak, Aniak
- **Kuspuk School District**
  - Kalskag, Red Devil
- **Iditarod School District**
  - McGrath

## ASPI Score

	ASPI Score	Star Rating
2013-2014	52.89	1
2012-2013	47.94	1

## Graduation Rate

	4 Year	5 Year
2009-2010	45.45%	-
2010-2012	0%	-
2012-2013	22.22%	-
2013-2014	14.29%	27.27%
2014-2015	9.09%	23.08%

## ASPI Subcategory Scores

	Growth Score	Reading Proficiency	Writing Proficiency	Math Proficiency
'13-'14	72.22	36.84%	21.05%	15.79%
'12-'13	70.91	28%	26%	21%

### KLA Class of 2015

**4 Year Graduates = 5 Students**  
**5 Year Graduates = 6 Students**  
**6 Year Graduates = 12 Students**  
**7 Year Graduates = 5 Students**  
**8 Year Graduates = 1 Student**  
**Total Graduates = 29 Students**

**\*\*\*Largest Graduating Class**

# Academic Programs

- **Lower Kuskokwim School District Curriculum**
  - Pre-Algebra to Pre-Calculus
  - Freshman English to British Literature/Advanced Comp
  - Earth Science to Chemistry
  - Student Participation in the ANSEP STEM at Bethel Regional HS
  
- **Work-Based Learning Electives**
  - Certified Nursing Assistant
  - Hydroponics
  - Flight Ground School
  - On Air Yupik Translator at Local Radio Station
  - Teacher's Assistance and On-Site Daycare Aides
  - Construction Trades
    - National Center for Construction Education and Research Certificate
  - Various Employment Opportunities throughout the Community that Matches Student Interest

## Next School Year

- Add 2 Certified Teachers and Dean of Students to run a dual start time to draw more students.
- Expansion of our Social Worker Department
- Alaska State Trooper JROTC, Dental Assistant, Expansion of Hydroponics, Flight Program, CDL Program
- Finished “Road Maps” for Academic/Vocational Mix Planning

## Challenges

- Large Waitlist to Attend School with All Dorm Beds Filled
  - 53 Students on the Waitlist As of Today
- Limited funding to expand to other Vocational programs that can interest students in the area.

# STEM READY

Upterrlainarluta

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A model for College and Career Readiness for Rural Alaska Schools

Developed through support by Rasmuson and Gates foundations

Implemented through a partnership with Alaska Native Science and Engineering Program

# Who Are We?

- Lower Kuskokwim School District includes Bethel and 25 other schools in surrounding Yup'ik Eskimo villages spread across an area of tundra the size of West Virginia
- Bethel Regional High School [BRHS] is a 7-12 Secondary School



Bethel is the hub of this Yukon Kuskokwim Delta region - about 1/3 of high school students

Grades 7-12

Student Population-about 500

Alaska Native- 82%

Free/Reduced lunch- 60%

Transient Rate- 28%

# Address Issue

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- Village schools are often unable to provide lab-based science classes and upper level math courses
- High achieving village students are completing all classes available to them prior to graduation
- Prior to this program option was Village or full 4-year boarding across state

# Focus of the Program

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Meet academic needs of students from surrounding village schools while allowing students and families to be closely connected to the rich cultural experience of the village.

Culturally Grounded +  
Academically Strong =  
Post Secondary Success

## Vision

- Students will realize their academic potential through activities that lead to [post-secondary goal setting](#) and the high-level [success in Math and Science](#) needed to [successful transition to the post-secondary education](#) needed to meet those goals.

# Early Results

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## Cohort 1-graduated 2012

\*did not have a junior semester at BRHS

9 total students

- 6 completed program
- All graduated high school

## Cohort 2- graduated 2013

8 total students

4 completed program

All graduated high school

- All completers tested into college math for ANSEP program
- All increased percentile rank on Nationally normed MAP test

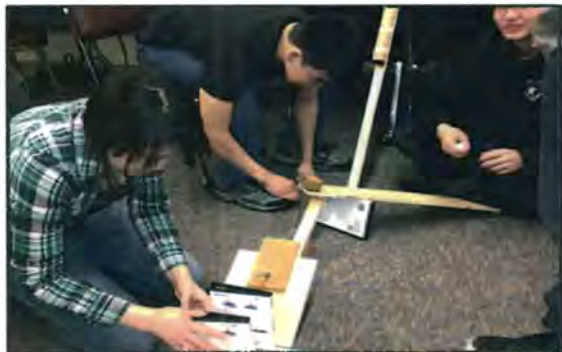
## Cohort 3- graduated 2014

10 total students

7 completed program

All graduated from high school

- **6/7** increased percentile rank on Nationally normed MAP test
- **Average increase** for those that increased in the **first year of the program was 10%**
- Completed Pre-calculus or calculus + chemistry and physics
- **5/7** completed college math course at UAA through ANSEP as HS student



About a 65%  
College Going Rate  
Among Completers

# Current Cohorts- Increasing Results

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Cohort 4-will graduate 2015

15 students/ 10 returned

Currently in Pre-Calc or Calc

Cohort 5-will graduate 2016

19 Students

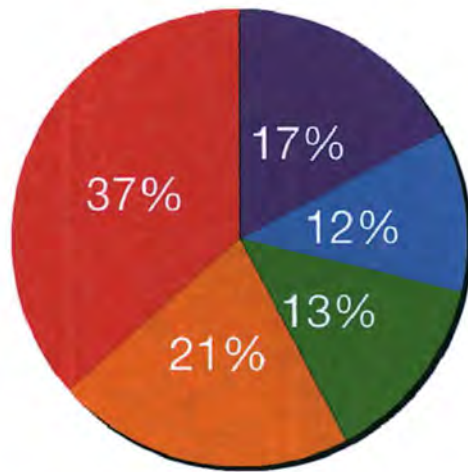


**70% attrition rate**  
**65% college going rate**  
**95% math college ready rate**

# Stem Ready Students- Where are they Now?

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■ college ■ grad-not ■ left program ■ 12th grade ■ 11th grade



Every Cohort has seen an increase in percentile

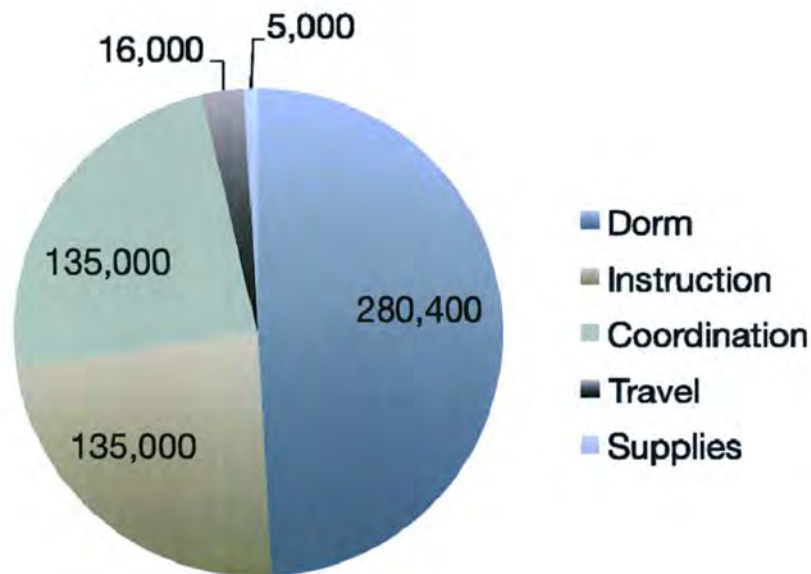
Average National Percentile Math

Cohort 1: 56%

Cohort 3: 79%

# Cost

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“Dorm” includes beds, food, and supervision

Dorm has beds for 40 Students

Model may serve up to 40 students each semester

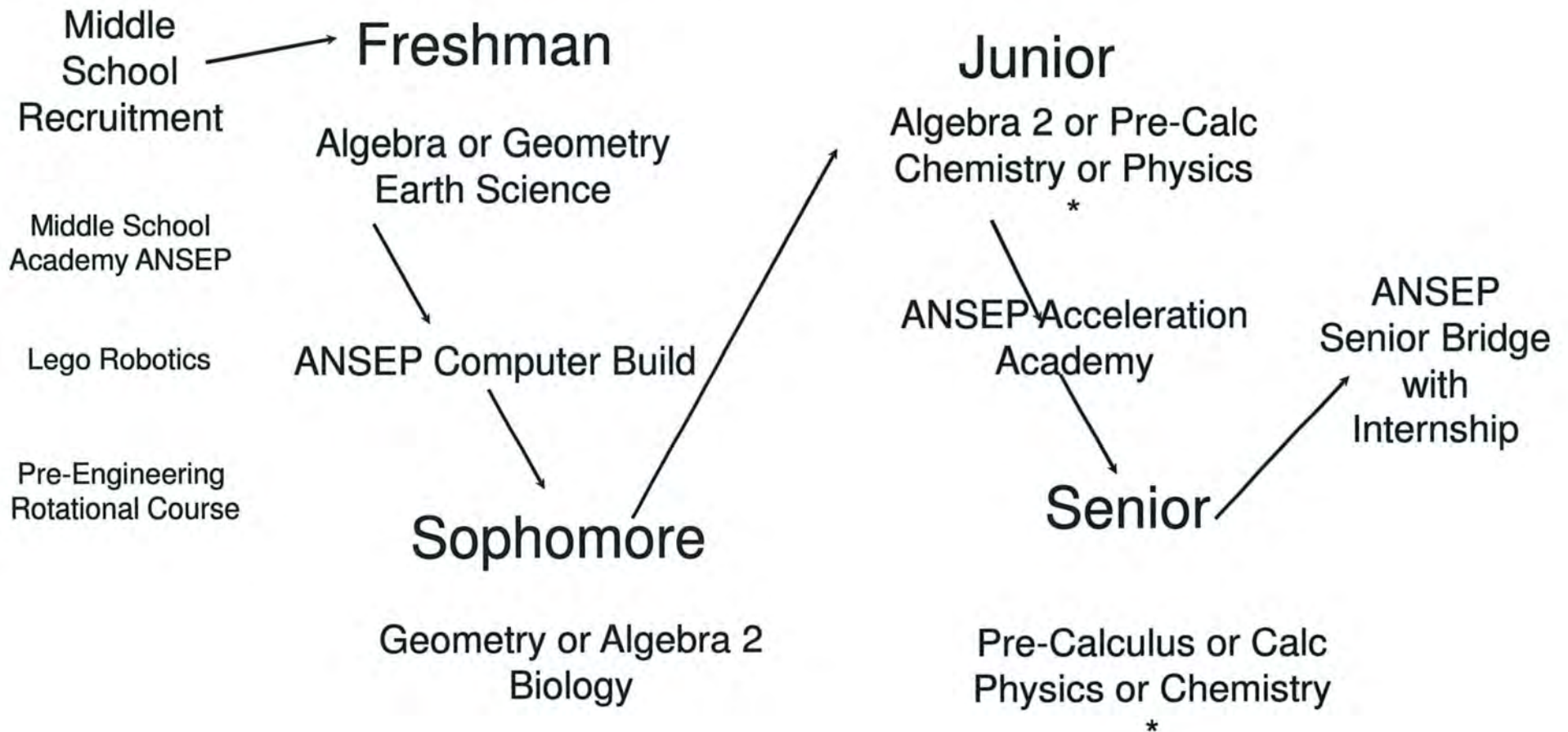
Currently READY program is accomodating 30+ for fall semester with only 1-15 spring semester.

Spring semester dorms are dual used in Spring for other short term learning experiences:

- ACE academy
- Ejournalism
- Art Camp

# Description Flow Chart

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° \* Tentative planned courses- team will continue to investigate most appropriate STEM 101 courses

# Ready Model

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- Exploration activities in Middle School that communicate high expectations for traditional classwork
- Distance and site-based opportunities
- Selection process
- Semester in larger bridge setting Junior Year
- Partner/University experience
- Semester in larger bridge setting Senior Year
- University connection



**Nenana Student Living Center  
&  
Nenana City Public School**



**Nenana**  
School District

# Focus of the NCPS & NSLC Program

NCPS prepares students, from all over Alaska, to be successful citizens in a 21st century world. Our staff has been trained in project-based instruction that provides valuable hands-on experiences. We are committed to our STEM initiative, where students are provided relevant and engaging instruction, in all subjects, to prepare them for exciting futures in such fields as Aviation, Engineering, and Bio-Medical Science. NCPS has a recognized Music program and additional relevant educational programs of interest in CTE and the arts.

- NSLC App. Considerations
  - Highest Significance
    - Educator Recommendations (2)
    - Student Statement/Interview
    - Parent Statement/Interview
  - Other Required Data
    - Attendance Records
    - Test Scores
    - Transcripts
- The NSLC Accepts Students
  - Behind on credits
  - Low test scores
  - I.E.P.'s
  - Attendance concerns (if we believe our structured environment will correct the issue)

# Budget: NSLC

- FY2015 Total Budget:  
\$1,523,222
- Budgeted Revenues:
  - Student Stipend (75%)  
\$1,153,958
  - Student Travel (7%)  
\$112,200
  - District Gen. Fund (17%)  
\$257,064
- Budgeted Expenses:
  - Direct Student Care (78%)
    - Personnel: \$926,357 (61%)
    - Student Trvl: \$112,200 (7%)
    - Food: \$98,000 (6%)
    - Gen./Other: \$61,000 (4%)
  - Operations/Maint. (22%)
    - Personnel: \$145,915 (9.5%)
    - Elec/Fuel: \$114,500 (7.5%)
    - Other O/M: 65,250 (4%)

# Student Enrollment Data

- **Building Capacity – 120**
  - **Funded Capacity – 88**
  - **FY16 Req. Capacity – 105**
- 

- **Count Day vs. End of Year**
- **FY2015 = Oct: 88 – Feb: 73**  
+2 met Grad reqmts in Dec 2014
- **FY2014 = Oct: 88 – May: 63**
- **FY2013 = Oct: 88 – May: 58**
- **FY 2012 = Oct:80 – May: 53**
- **FY2011 = Oct: 77 – May: 49**

- **FY15 Villages Represented**
  - Mountain Village
  - Tyonek
  - Kaltag
  - Bethel
  - Russian Mission
  - 37 other villages & cities
- **Graduation History (01-14)**
  - 40% Doyon affiliated
  - 40% Calista affiliated

## NCPS Student Data: (Includes Nenana LC & Local Students combined)

- FY2013 ASPI :  
Nenana High School  
80.72 \*\*\*
- FY2014 ASPI:  
Nenana High School  
68.52 \*\*\*
- FY13 Graduation Rate  
Nenana High School  
4 yr: 72.73%  
5 yr: 100.00%
- FY14 Graduation Rate  
Nenana High School  
4yr: 73.33%  
5 yr: 77.27%

# Nenana City Public School STEM Programs



# K-12 Project Lead The Way

- **PLTW programs implemented at NCPS**
  - PLTW Launch (Grades K-6)
  - PLTW Gateway to Technology Program (Grades 7-8)
  - PLTW Biomedical Program (Grades 9-12)
  - Next Year - PLTW Engineering Program (Grades 9-12)
- **PLTW is a nationally recognized STEM curriculum**
- **For more information on PLTW programs:**
  - [pltw.org](http://pltw.org)

# Higher Level Sciences

Physics

Chemistry

Principles of Biomedical Science (PLTW)

These science courses account for 36.5 % of all high school students

Intro to Engineering Design (PLTW): Fall of 2015

# STEM Integrated Science Courses

## A few projects of focus in HS Science

- Physics class students are designing a miniature electric house following study of circuitry, electric energy costs, and alternative solutions to high costs of energy in Alaska
- Project Lead the Way High School students completed unit about diabetes and its effects on the body and are designing a calorimeter to measure the caloric content in popular foods (e.g. potato chips)
- Junior high 8<sup>th</sup> Grade students completed sketches of playground equipment in the Design and Modeling Unit, printed the equipment (on the 3D Printer) designed and assembled the playground. The next step is to share the final playground model at the Board of Education Meeting in March.
- Physics class students focused on Work, Power, and Simple Machines and created Rube Goldberg Machines performs very simple tasks in a very complicated and over-engineered manner that includes chain reactions where one element triggers the next element and so on, ultimately triggering the final element

# Higher Level Math

Geometry

Algebra 2

Pre-Calculus/College Algebra

Calculus

These math courses account for 30% of all high school students

# STEM Integrated Math Courses

## A few projects of focus in HS Math

- *Linear Systems of Equations Project* in which students called Alaskan phone companies to identify different plans as a basis for developing equation systems and then created a video of the best cell phone plan options that meet individual or family needs
- *Designing a House Project* in which students in geometry class researched different types of houses in Alaska's urban and rural areas and developed a model, using Google Sketchup and Minecraft programs. They also researched and designed futuristic housing concepts (for Alaska and other locations) that relied on physics concepts and energy efficient options.
- *Designing a Business Project* in which students applied newly learned rational functions to design a business in Nenana that will benefit the community and owners. They learned about advertisement and customer service, and decision-making based on simulated numbers. Students also tied in physics concepts of energy efficiency, while designing and constructing a building model.

# STEM Integrated English Courses

## A few projects of focus in HS English

- Implement Really Simple Syndication (RSS) readers to create customized news and information reading lists, and Google PowerSearching to supplement conventional methods to search for website information. This content, called a "feed," helps to synthesize blog posts for digital journal compositions.
- Use Google SketchUp software (<http://www.sketchup.com/learn/videos>) to build virtual 3D models and assemble *Lady or the Tiger* arenas; project also included a multi-page, typed explanation of how and why students designed arena, method of construction, and why they included items in the 3D model.
- Implement *The Life of Pi* activities in which students connected with Pi's search for the nature of life through curricular frameworks that seemed most meaningful, and applying diverse interests, backgrounds, and capabilities to solve the novel's intricacies. Students also selected, researched, and presented their personal enlightenment and intellectual discovery. *Life of Pi* has expansive application to other areas, including, marine biology and study of the sea life from the perspective of a drifting lifeboat.
- Grant writing project provided students with capacity in comprehensive grant writing, research, and strategies to fund proposals necessary to secure funding for programs, initiatives, and other organizational needs. Students learned to write a proposal, identify funding prospects, understand grant guidelines, and develop a compelling project narrative and budget. They also learned how to construct a clear and persuasive proposal that resonated with funders' priorities.

# Aviation Program

- Provide real-world application of science and math
- Exploration of aviation careers in AK
- Provide students the opportunity to attain a private pilot license
- Give students a huge step in the UA's aircraft mech. program
- Provide students with a truly hands-on experience
- 3 FY 14 graduates gained aviation employment



# Aviation Application Process

- Students apply in the spring before the new school year
- Students complete application packet
- Prerequisites
- Application packet includes...
  - essays
  - teacher recommendations
  - signed commitment paper from students and parents

# Training for Our Own Instructor

- Collin Stone, NCPS teacher, is also taking program alongside students
- Goals for Collin...
  - Private Pilot License (Completed May of 2014)
  - Flight Instructor License (In progress)

# Flight Simulator

- The Medallion Foundation is supporting the program by placing a flight simulator at NCPS
- Students and local pilots have access
- Newest edition, FAA approved for flight hours



# Nenana City School gives aviation training a trial run

By Weston Morrow [wmorrow@newsminer.com](mailto:wmorrow@newsminer.com) |

16 comments



Eric Engman/News-Miner

## Nenana School District Aviation Program

Patricia Alexia of Nikolai taxis back to the hangar after doing several touch-and-go's with instructor Mike Morgan as students with the Nenana School District's Aviation Program work on their

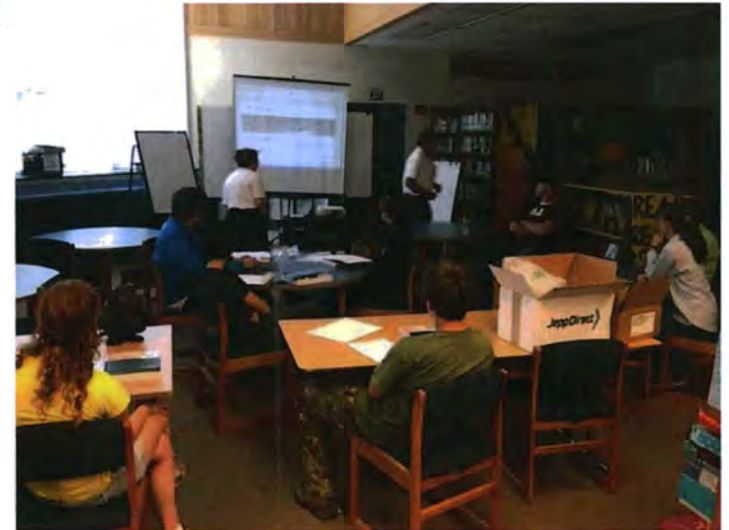
**FAIRBANKS** — Administrators at many of the country's largest high schools would likely drool about the possibility of creating an aviation program, but they might go into shock to learn a K-12 school serving only 200 students has beaten them to it.

When it comes to schools, smaller size usually means less range in course offerings, but Nenana City School — a school whose student body from kindergarten through 12th grade could fit on a Boeing 747 with half the airplane to spare — is trying to reverse that trend.

The Nenana City School serves kids in the community about an hour south of Fairbanks as well as students who come from many of

# Aviation Program Components

- Introduction to Aviation
- Ground School Instruction
- Flight Instruction
- Aviation Mechanics



# Canvas: Learning Management System (LMS)

Canvas is the learning management system (LMS) that brings all the K-12 classroom tools together.

- Fully implemented in grades 7-12 fall of 2015
- Student capabilities
  - work through curriculum on any device
  - submit homework, projects, exams
  - work collaboratively with other students
- Teacher capabilities
  - design standards-based curricula
  - develop assessments, projects, activities
  - grade from any device to provide real-time feedback

# Northwestern Alaska Career and Technical Center

Report for:  
Senate Education Committee  
February 26, 2015



YOUR HORIZONS ARE LIMITLESS

# NACTEC PROGRAM FOCUS

## MISSION STATEMENT:

NACTEC WILL PREPARE STUDENTS FOR THE WORLD OF WORK BY ASSISTING IN THE DEVELOPMENT OF **LIFE SKILLS, WORK READINESS SKILLS, ACADEMIC SKILLS, AND CAREER AWARENESS.**

## VISION STATEMENT:

OUR STUDENTS WILL **DEVELOP WORK ETHICS AND EMPLOYMENT SKILLS TO BECOME CAPABLE OF INDEPENDENT LIVING WHILE SUSTAINING A HEALTHY CULTURAL IDENTITY.**

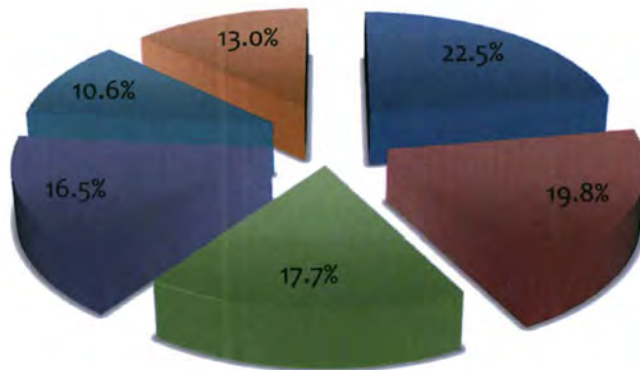
# Training: AK Priority Industries



- \* Health Care
- \* Construction
- \* Transportation
- \* Seafood Harvesting & Processing
- \* Hospitality and Tourism

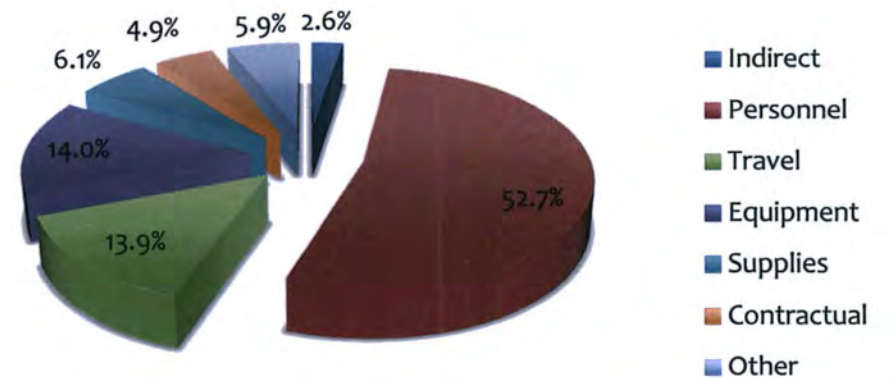
# NACTEC Funding

## FY15 Budget (w/in-kind)



- Industry Partners
- General Fund
- TVEP
- Boarding Stipend
- State Grants
- School Partners

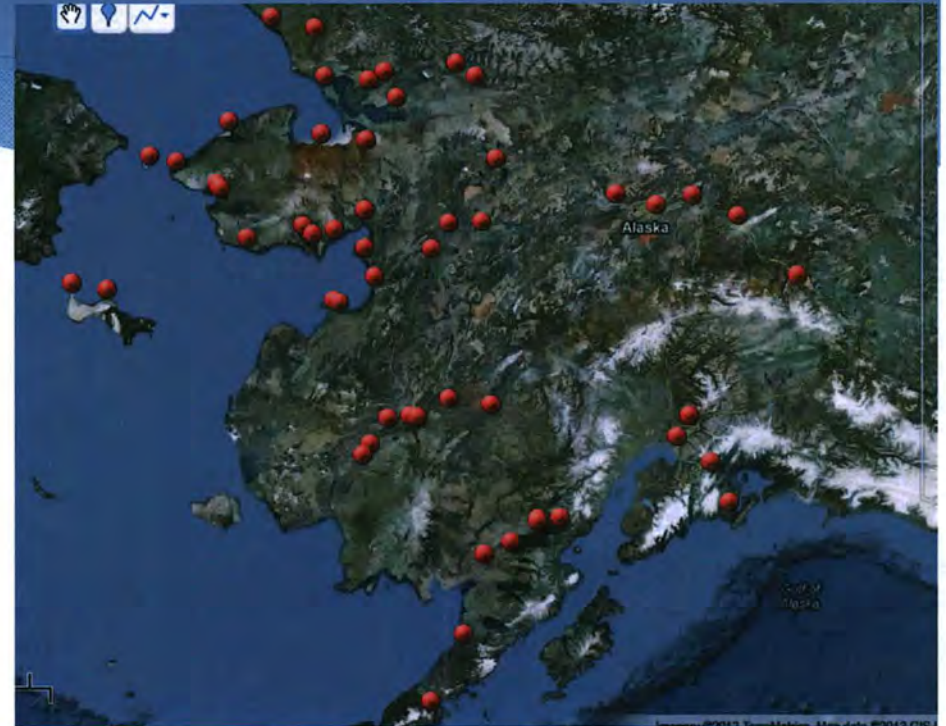
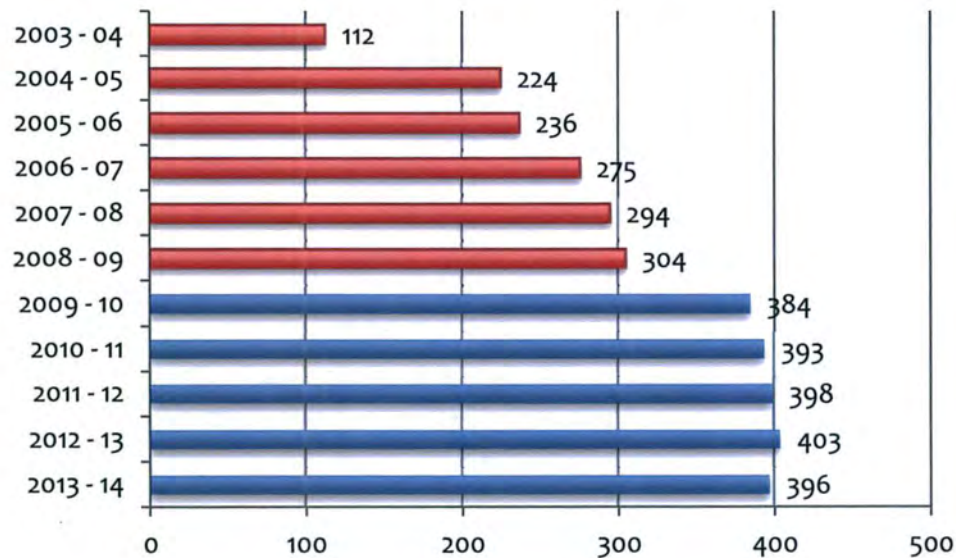
## FY15 % of Budget/Category



**\$1.74M FY15 Budget (+ 13% in-kind)**  
 54% = GF, TVEP, Boarding Stipend  
 46% = Partners and Grants

# Students Served at NACTEC:

- \* 64% Enrollment Increase
  - \* FY04-09 = 241/year (apply)
  - \* FY10-14 = 395/year
  - \* 26 Bed Dorm
  - \* \$2,942/student (FY14)

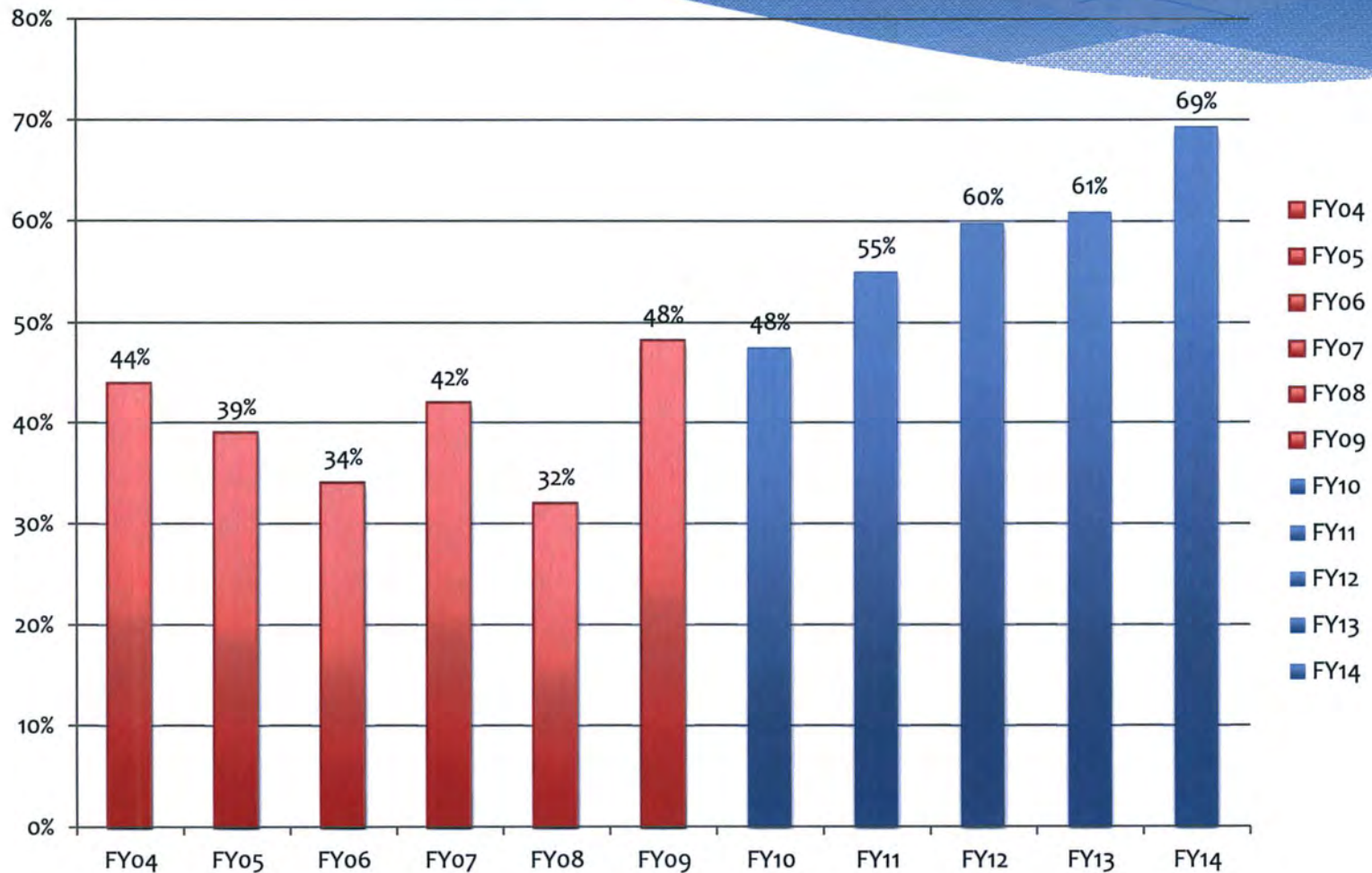


Over 3500 students since FY04  
96% from BSSD & NPS  
50+ Villages/10 Districts served  
BSSD, NPS, Chugach, & Yupiit (FY15)

# Impacts of NACTEC Programs:

Alaska CTE “Concentrators” = 28% higher graduation rates

## BSSD Graduation Rate



# Correlation: NACTEC Participation & BSSD Graduation Rate (3yr trends)

