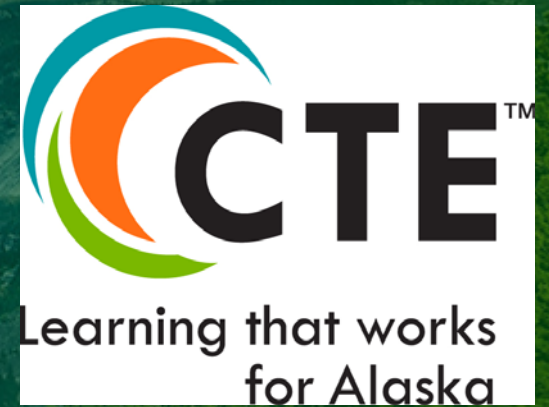


SCHOOL BOARD PRESENTATION

CAREER AND TECHNICAL EDUCATION (CTE) KENAI PENINSULA BOROUGH SCHOOL DISTRICT



May 2021



Welcome and Introductions



New Board Members

Matt Widaman- CTE -Work Experience Specialist

Jacynne Best-CTE Assistant

②

Career and Technical Education (CTE)

What is Career and Technical Education?

25 Middle and High Schools Districtwide
Carl Perkins Federal Funding – 7-12
Career and Technical Advisory Committee(CTAC)
Advocate for improvements, engagement, feedback

SB84- General Funds set aside specifically for CTE
Funds 11.15 staff members middle/high school



Perkins V- Reauthorization of 2020

Comprehensive Learning Needs Assessment
Four year plan

Participant- One Class in CTE

Concentrator- 2.0 HS Credits in CTE



CTE Concentrators

All Students

Four-year cohort graduation rate in Alaska

WHO ARE KENAI'S CTE STUDENTS?



2018-2019 STATEWIDE AVERAGES



42%
Of CTE participants are female

34% Are economically disadvantaged

35% Are NTID*

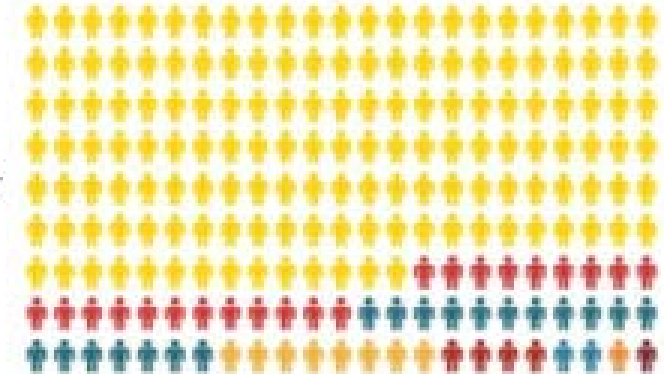
18% Are disabled

6.9% Are Migrant

3.1% Are EL†

* Nontraditional Occupations
† English Learners

DEMOGRAPHICS



CTE IN KENAI



93% GRADUATION

CTE concentrators² are 7% more likely to graduate than their non-CTE counterparts.

² Students with ≥ 2.0 HS CTE credits



21%

Of Kenai graduates are CTE concentrators



Of students took at least one CTE class in high school

51%

63%

Of CTE concentrators go on to postsecondary, adv. training, the military, or employment.

KPBSD District Courses –

➤ 70 Career and Technical Education Courses



- Computer Principles (4)
- Commercial Publications
- Computer Applications (4)
- Digital Photo (3)
- Employability Skills
- Keyboarding
- Software Design (2)
- Certified Nursing Assistant
- Child Development (4)
- Culinary Arts (2)
- Foods (2)
- Emergency Trauma Tech.
- Criminal Justice (2)
- Medical Terminology (2)
- Drafting/CAD-CAM (4)
- Construction (4)
- Introduction to Engineering (3)
- Marine Technology (4)
- Metals Processing (4)
- Power Mechanics (4)
- Welding (4)
- Woodworking (4)
- Work Experience (4)

Response to COVID

CTE staff protocols

Student PPE and Equipment Handling

- Hands on courses- Online Learning- Challenges
 - Welding
 - Construction
 - Culinary Arts

Kits, supplies and materials to students

Mitigation Plan- CTE courses-
SOHI, KCHS and Nikiski

35% increase in work experience students

Kenai Peninsula College/UAA – Courses



Microsoft Certifications 2019-2020

Certifications

Approx. 300 Industry recognized certs/year

Employability

Food Worker Cards

OSHA

Rigging

HAZWOPPER

CPR/First Aid

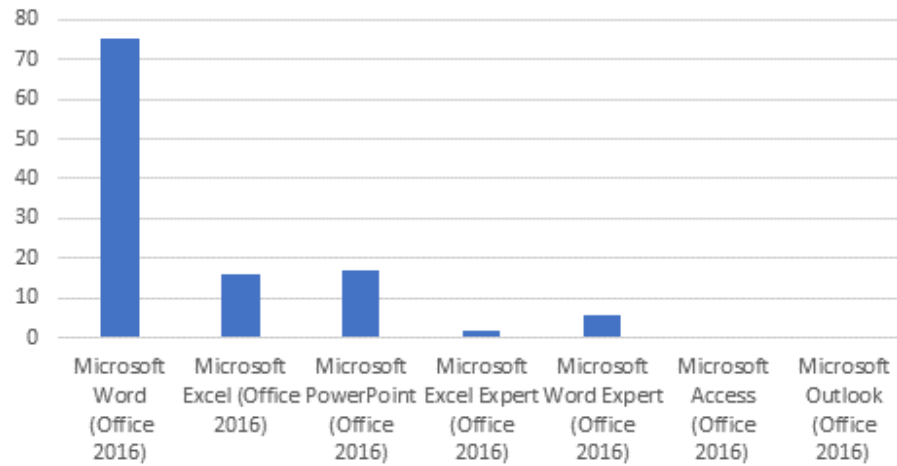
Certified Nursing Asst.

FAA107

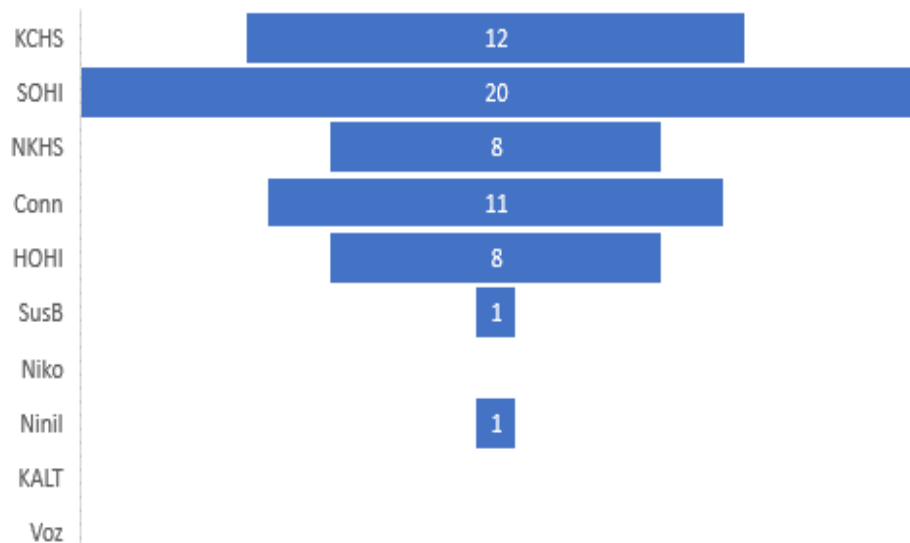
Medical Terminology

NCCER- Construction

Students Certified July 2019-June 2020



KPBSD Online Students in Microsoft Courses per School



Career and Technical Student Organization (CTSO)



Region and State events cancelled past two years



Emanuela Pokryfki- District Ed Rising Advisor



Seward High Chapter- Iron Mountain



Educators Rising

Educational Pathway-Dual Enrollment- University of Alaska Southeast/UAA

Connections:

- Ashley Dahlman – 2nd place teaching a Language Arts Lesson (taught via Zoom to K-Beach students)

From KCHS:

- Kaitlynn Gist – 1st place teaching a STEM lesson (taught via Zoom to Skyview students)
Kaitlynn placed 1st in this competition for the second year consecutively!!!
- Eli (Eliza) Morris – 4th place teaching a STEM lesson (taught via Zoom to Skyview students)

From SoHi:

- Ivy Daly – 3rd place teaching a Language Arts Lesson
- Sophia Micciche – 4th place in K-3 Literature (she wrote and illustrated a story book for children)



**EDUCATORS
RISING**

Future Farmers of America- FFA

Iron Mountain FFA Chapter - Seward
Alaska 44th FFA State Conference- Virtual



FFA-State



Star Greenhand

- 1st Place: Charles Whitlatch
2nd Place: Teak Barhaug
3rd Place: Janessa Caldenty



Star Farmer Tate Barhaug



Gold Plus Tate Barhaug



Agricultural
Mechanics
Design and
Fabrication



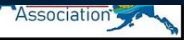
State Degree Recipients

Andrew Trombley
MacKenna Regoord
Michael Boatright
Tate Barhaug
Travis Terry



National Chapter

Three Star: Silent Springs
Two Star: Delta Junction
Two Star: Iron Mountain



Ag. Mechanics Individual Results

- 1st Place: Lincoln Farris
2nd Place: Tayten Barhaug
3rd Place: Caleb Glaser



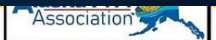
Creed Speaking

- 1st Place: Teak Barhaug
2nd Place: Charles Whitlatch
3rd Place: Nathanael Boatright



Ag. Mechanics Team Results

- 1st Place: Iron Mountain
2nd Place: Palmer
3rd Place: Silent Springs



Employment Skills

- 1st Place: Lindy Guernsey
2nd Place: Callista Whitlatch
3rd Place: Elizabeth Robinson



Extemporaneous Speaking

- 1st Place: Tate Barhaug
2nd Place: Lindy Guernsey
3rd Place: Aly Guernsey



Prepared Public Speaking

- 1st Place: Tayten Barhaug
2nd Place: Lindy Guernsey
3rd Place: Katelyn Weiss



Secretary/Treasurer
Tate Barhaug



Bill Stoltze Scholarship Recipient 2020

Tate Barhaug



Floriculture Team Results

- 1st Place: Silent Springs
2nd Place: Midnight Sun
3rd Place: Iron Mountain

Fred Meyer

KPBSD Career Pathways

- Health Science
- Business, Management, & Administration
- Marketing, Sales, & Service
- Finance
- Information Technology (IT)
- Science, Technology, Engineering, & Mathematics (STEM)
- Manufacturing, Construction
- Transportation, Distribution, & Logistics

Identify CTE outcomes for Alaska and Lower 48- Questions

What preparation and skills for the workplace and post-secondary education or training? Employability Skills?

Other ways to best prepare our students for workplace or career readiness? Industry credentials?

What courses or pathways should be a focus? 5 years?

Career Guidance Liaisons Across Peninsula- Professional Learning and Career Plans (PLCP)

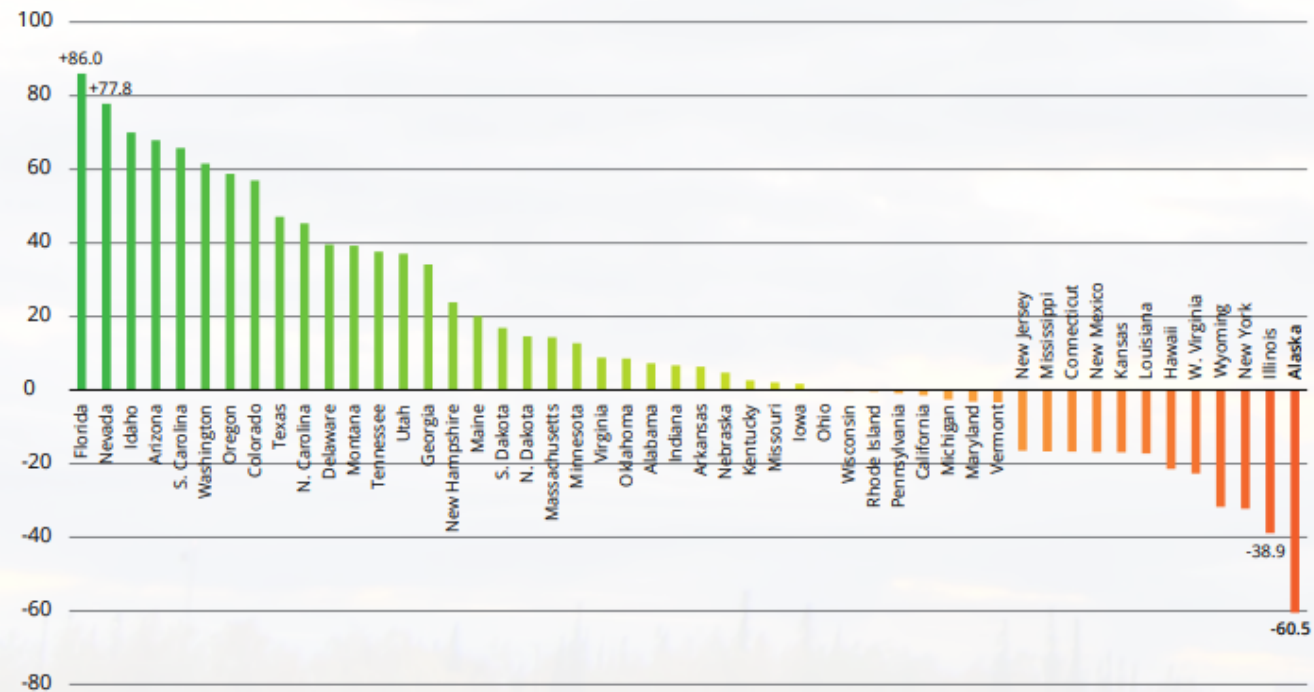
Lack of Career Guidance

Economic Trends

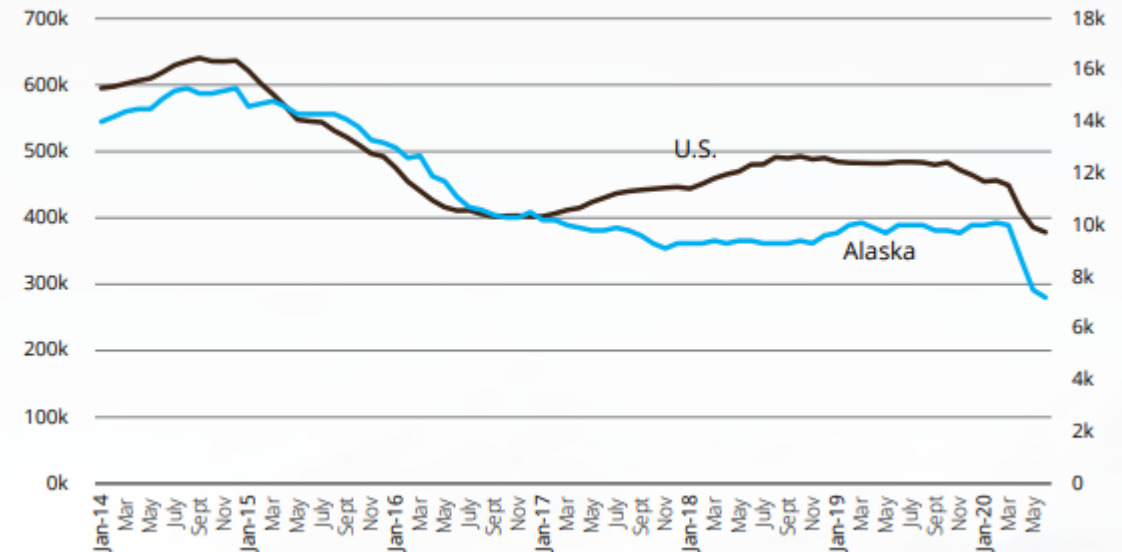
51%

of jobs in Alaska require skills training—more education than high school but less than a four-year degree.

Net migration* per 1,000 in population, 2014 to 2019 by state



National and Alaska oil and gas employment, 2014 to 2019

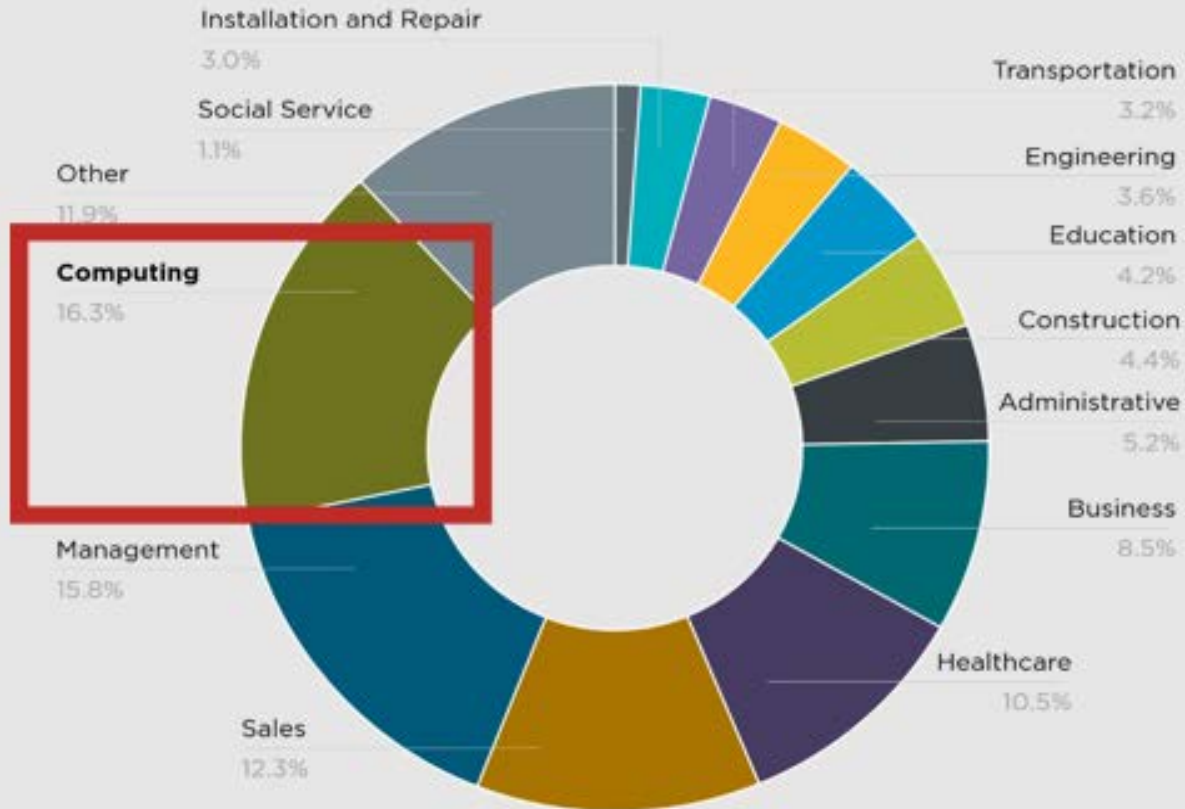


*Net migration is the number of people who moved in minus the number who moved out.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

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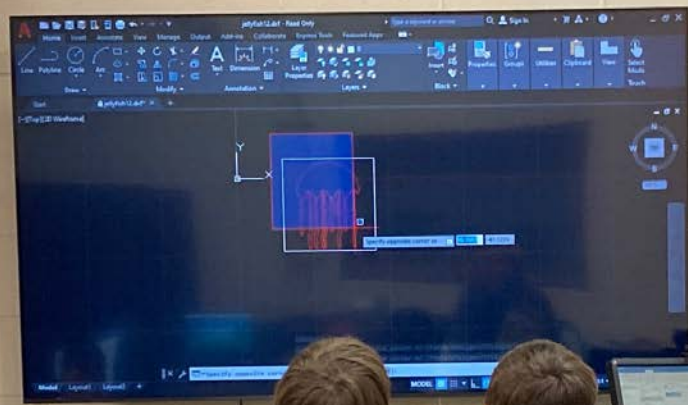
Computing jobs are the #1 source of new wages in the United States



500,000 current openings:
These jobs are in **every** industry and **every** state, and they're projected to grow at twice the rate of all other jobs.

New Computers:

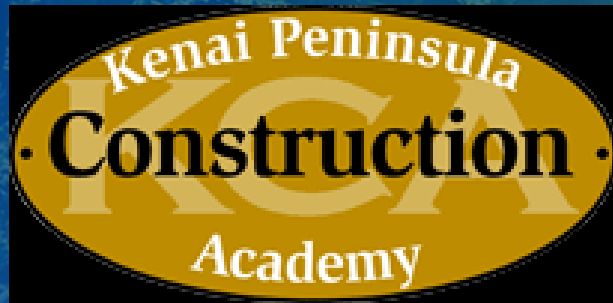
- ~Computer Science
- ~Computer Aided Drafting- CAD
- ~Computer Aided Machining- CAM



Kenai Middle School
Skyview Middle School

Kenai Peninsula Construction Academy

Bob Hammer- Director



KPBSD Awarded a Grant \$20,000
4 classes- Industry Experts

Fall and Winter of 2021-2022 Class in
Electrical, Plumbing, Welding, Construction

AVTEC- Seward



Thank you-
scholarship for free tuition

Jan Aaronson- KCHS





Kenai Peninsula College

UNIVERSITY *of* ALASKA ANCHORAGE

Scholarship- Free tuition full year

Emmarie Edwards- Dean- Kenai Central High

Dual Enrollment Opportunities-

Welding
Computer Applications
Medical Terminology



➤ Summer Opportunities-

Kenai Peninsula College- Emergency Trauma Technician

Kenai Central High School- Construction Academies-

Alaska Petroleum Academies(2)- KPEDD

Certified Nursing Assistant- Mtn. Haven/Providence- Seward Area (Pending)



Thank You

<https://www.facebook.com/KPBSDCareerTechnicalEducation>

On behalf of KPBSD and the CTE Programs

The screenshot shows the Facebook interface for the page 'KPBSD Career and Technical Education'. The top navigation bar includes the Facebook logo, a search bar with the page name, and navigation options like 'Matt', 'Home', and 'Create'. The left sidebar contains the page's profile picture (a circular logo for Kenai Peninsula Borough School District), the page name, and a menu with options: Home, About, Photos, Videos, Posts, and Community. A green 'Create a Page' button is at the bottom of the sidebar. The main content area features a cover photo of a welder in a dark protective suit and mask, working on a metal piece. Below the cover photo are interaction buttons: 'Liked', 'Following', 'Share', and a 'Send Message' button. The post area includes a 'Write a post...' field with a smiley icon, and options for 'Photo/Video', 'Tag Friends', and 'Check in'. The right sidebar shows a 'Community' section with 'See All' and a list of actions: 'Invite your friends to like this Page', '86 people like this', '91 people follow this', and 'Carlie Zipperer-Hartman and 9 other friends like this'.