



THE STATE
of **ALASKA**

Department of Labor and
Workforce Development

Developing a Qualified Workforce

House Labor and Commerce Committee
Alaska State Legislature
Juneau, Alaska
Monday, March 3, 2104



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Got Talent?

“Now that the world is flat, talent can reside anywhere, work anytime, and live anyplace, and they can be managed globally. Talent is in the driver’s seat today, not the employer.”

*~ Celia Harper-Guerra,
Senior Vice President Talent Acquisition and Talent Development,
Allscripts*

Source: Damicis and Owen at IEDC



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Got Talent?

“Without enough qualified workers to go around, one community’s gain will be another one’s loss. Economic development won’t be a game that everyone can win anymore. Some will have to lose.”

*-Mark Lautman,
When the Boomers Bail*

Source: Damicis and Owen at IEDC



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Workforce Readiness

Only **1 in 5 jobs** in Alaska
requires a college degree

However . . .

60 percent of all jobs in the next decade
will require *more* than a high school diploma



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Postsecondary Education, by 2012
Alaska High School Graduates and GED Recipients, 2005-2011

Academic Year	High School Outcome	Students	College Graduate	Some College or still Enrolled	Job Training Only	No Postsecondary
2004-2005	GED	784	12	230	191	351
2004-2005	Graduate	6,233	1,685	2,755	591	1,202
2005-2006	GED	814	14	256	198	346
2005-2006	Graduate	6,745	1,508	3,244	633	1,360
2006-2007	GED	640	6	183	194	257
2006-2007	Graduate	7,058	1,080	3,632	1,317	1,029
2007-2008	GED	528	4	134	131	259
2007-2008	Graduate	7,182	258	4,448	609	1,867
2008-2009	GED	456	0	104	130	222
2008-2009	Graduate	7,250	113	4,464	650	2,023
2009-2010	GED	399	0	75	101	223
2009-2010	Graduate	7,529	23	4,317	657	2,532
2010-2011	GED	277	1	34	50	192
2010-2011	Graduate	7,322	1	3,529	282	3,510

22%

42%

*Postsecondary outcomes were derived from the National Student Clearinghouse and Alaska's job training providers.



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Workforce Development System

*. . . the education, employment,
and job-training efforts designed
to help employers get a skilled workforce
as well as to help individuals
to succeed in the workplace.*

Source: National Governors Association



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Workforce Development System

Investing in Alaska's Talent Pipeline:

- Career and Technical Education
- Adult and Incumbent Worker Training
- Industry Specific Training Funds
- Youth Development



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Investing in Alaska's Talent Pipeline

- Career and Technical Education



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Alaska Technical Vocational Education Program

Purpose:

Funds technical and vocational training programs that align regional workforce demand with Alaska's priority industries.

Source:

DGF - 0.15 percent of employee contributions to the Alaska unemployment insurance trust fund

SFY2014 Uses and Projections:

6 grantees

\$4.3 million in awards

3,336 projected trainees





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Career and Technical Education Grants

Purpose:

funds strategies and actions identified in the Alaska Career and Technical Education Plan; develops CTE curriculum and training capacity.

Source:

Annual UGF appropriation

SFY2014 Uses and Projections:

15 grantees ~ competitively awarded
\$610.0 thousand in awards
1,838 projected students impacted





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Investing in Alaska's Talent Pipeline

- Adults and Incumbent Workers



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State Training and Employment Program (STEP)



Purpose:

to enhance the quality and accessibility of
job training for employers, employees, and future workers
and to reduce the demand for unemployment benefits.

Source:

DGF - 0.1 percent of employee contributions to
the Alaska unemployment insurance trust fund

SFY2014 Uses and Projections:

37 grantees ~ competitively awarded
\$5.9 million in awards
3,403 projected trainees



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Workforce Investment Act (WIA) Adult and Dislocated Workers



Purpose:

Train eligible adults to increase employment, job retention, earnings, and occupational skills. Additional support services may also be available for workers experiencing hardships or other barriers to ongoing employment.

Source:

Federal formula funds allocated to the states

SFY2014 Uses and Projections:

Individual Training Allowances (ITAs)

\$2.9 million in awards

3,150 trainees



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Investing in Alaska's Talent Pipeline

- Industry Specific Training



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Alaska Oil and Gas Occupations Training Fund

Purpose:

Support training for priority occupations
identified in the Alaska Oil and Gas Workforce
Development Plan

Source: Annual UGF appropriation.

SFY2014 Uses and Projections:

10 grants ~ competitively awarded
\$424.0 grant awards
562 projected trainees





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Denali Training Fund



Purpose:

focuses on rural infrastructure projects, developing participant skills in construction and transportation and for heavy equipment, health care, solid waste, multi-use facilities, airport construction and maintenance, and energy development occupations.

Source:

Federal funds issued to the Denali Commission

SFY2014 Uses and Projections:

6 grants awarded

\$810.0 in awards

117 trainees



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Alaska Cast and Crew Advancement

Purpose:

training Alaskans and establishing Alaska workforce development programs in the film and television industry. Additionally, these funds may be used for Individual Training Allowances (ITAs) for Alaskans seeking specialized training in the Alaska film and television industry.

Source: Legislatively-designated capital grant.

SFY2014 Uses and Projections:

6 training grants ~ competitively awarded
\$249.0 in grant awards
249 projected trainees





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Alaska Construction Academy

Purpose:

promotes an understanding of construction trades and develops a strong, flexible workforce for registered apprenticeships or postsecondary education.

Source: Legislatively-designated grant.

SFY2014 Uses and Projections:

1 grant

\$3.2 million

4,835 students + adult trainees





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- Youth Development



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Alaska Youth First

Purpose:

career awareness and information, employability skills training, paid and non-paid work experience, applied academic training, and educator externships.

Source:

annual UGF appropriations

SFY2014 Uses and Projections:

18 grants ~ competitively awarded

\$1.9 million in grant awards

17,437 students served



Alaska Youth First

Career Development Continuum

Preparing Alaska's Youth for Success in Career Choice, Postsecondary Training, and Entering the Workplace

Career Awareness Learn about a variety of jobs and careers	Career Exploration Explore, research, and plan for the future	Career Preparation Gain education, training, and work experience
<p>Classroom and School</p> <ul style="list-style-type: none"> • Core academic preparation • Web-based research • Career guide presentations • Career interest assessments • Career fairs- current labor market information <p>Workplace</p> <ul style="list-style-type: none"> • Industry tours and field trips • Career and job fairs • Youth in the workplace • Teachers gaining industry experience through externships <p>Families and Neighborhood</p> <ul style="list-style-type: none"> • Parental support and involvement • Role model observation 	<p>Classroom and School</p> <ul style="list-style-type: none"> • Career pathways, courses and clubs • Integrated curriculum • Classroom simulations • Personal learning and career plan (PLCP) • Career-focused projects and assignments • Postsecondary education exploration <p>Workplace</p> <ul style="list-style-type: none"> • Job shadowing • Career mentoring • Community service projects • Learning interview techniques/skills <p>Families and Neighborhood</p> <ul style="list-style-type: none"> • Risk taking • Role playing 	<p>Classroom and School</p> <ul style="list-style-type: none"> • CTE courses and programs • Career-related projects • PLCP refinement • Work-Ready Certificate/WorkKeys • Occupational certifications • Job-seeking and work maturity skills • Work experience and evaluation • Internships • Postsecondary education preparation <p>Postsecondary Options</p> <ul style="list-style-type: none"> • Trade or technical school (RTCs, AVTEC, UA Workforce and AA programs, and others) • Apprenticeship • Military service • Enter Workforce (full or part time) • Self-Employment/Entrepreneur

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WIA - Youth



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Purpose:

serves low-income youth ages 14 through 21 facing barriers to employment by providing employment and educational services such as occupational skills training, work experience, and academic tutoring, that lead to credential attainment and unsubsidized employment.

Source:

Federal formula funds allocated to the states

SFY2014 Uses and Projections:

10 grants ~ competitively awarded
\$1.4 million in awards
3,150 youth served

Project Outlook



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Project Status as of June 1, 2013			2013		2014				2015				2016				2017				2018				2019	2020	2021	2022	2023
	Jobs	Miles	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4					
Construction																													
Point Thompson	140/10	22																											
Pre-Construction																													
Polar LNG	40/6																												
Spectrum LNG	45/12	0.2																											
CIE Trans-Foreland Pipeline	130/12	29																											
Dayville Road																													
Pre-Application																													
Colville Delta Five		6																											
Interior Energy Project LNG	50/10	500-1000																											
AGDC ASAP Gasline	5,400/58	737																											
Donlin Gold	650/4	315																											
AK LNG Project																													
Producing Fields	500 - 1,500																												
Pipeline	3,500 - 5,000	800																											
Gas Treatment Facility	500 - 2,000																												
Storage/Loading	1,000 - 1,500																												
Liquefaction Plant	3,500 - 5,000																												

Key: ■ Project Sanction and Permitting ■ Construction ■ Production

Source: Alaska Oil and Gas Workforce Development Plan 2014-2018



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Alaska's Talent Pipeline

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Wanetta Ayers, Director
Division of Business Partnerships
Alaska Department of Labor and Workforce Development
(907) 269-4675 ~ wanetta.ayers@alaska.gov