

CTE-STEM Engagement & Support

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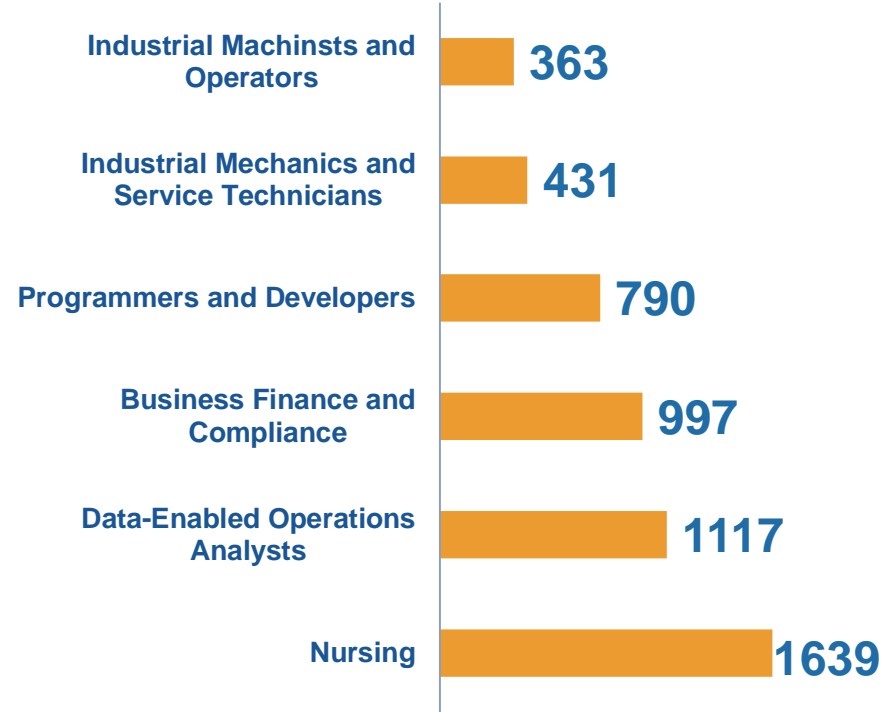
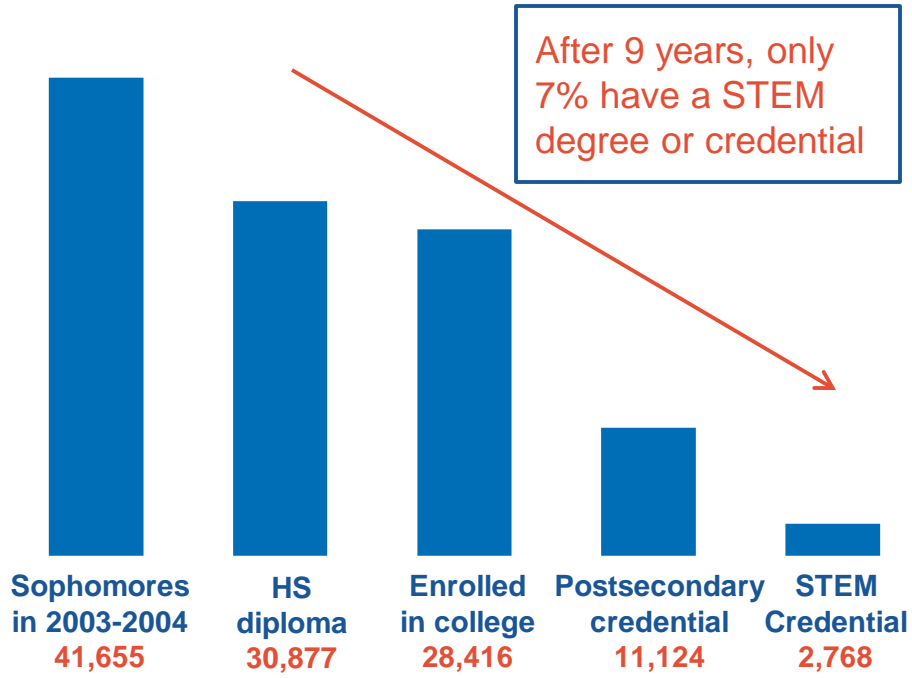
**The Oregon CTE-
STEM Employer
Coalition:
Connecting
students to the
world of work**



The business case for CTE-STEM

High wage, high demand jobs are going unfilled

After 9 years, only 7% have a STEM degree or credential



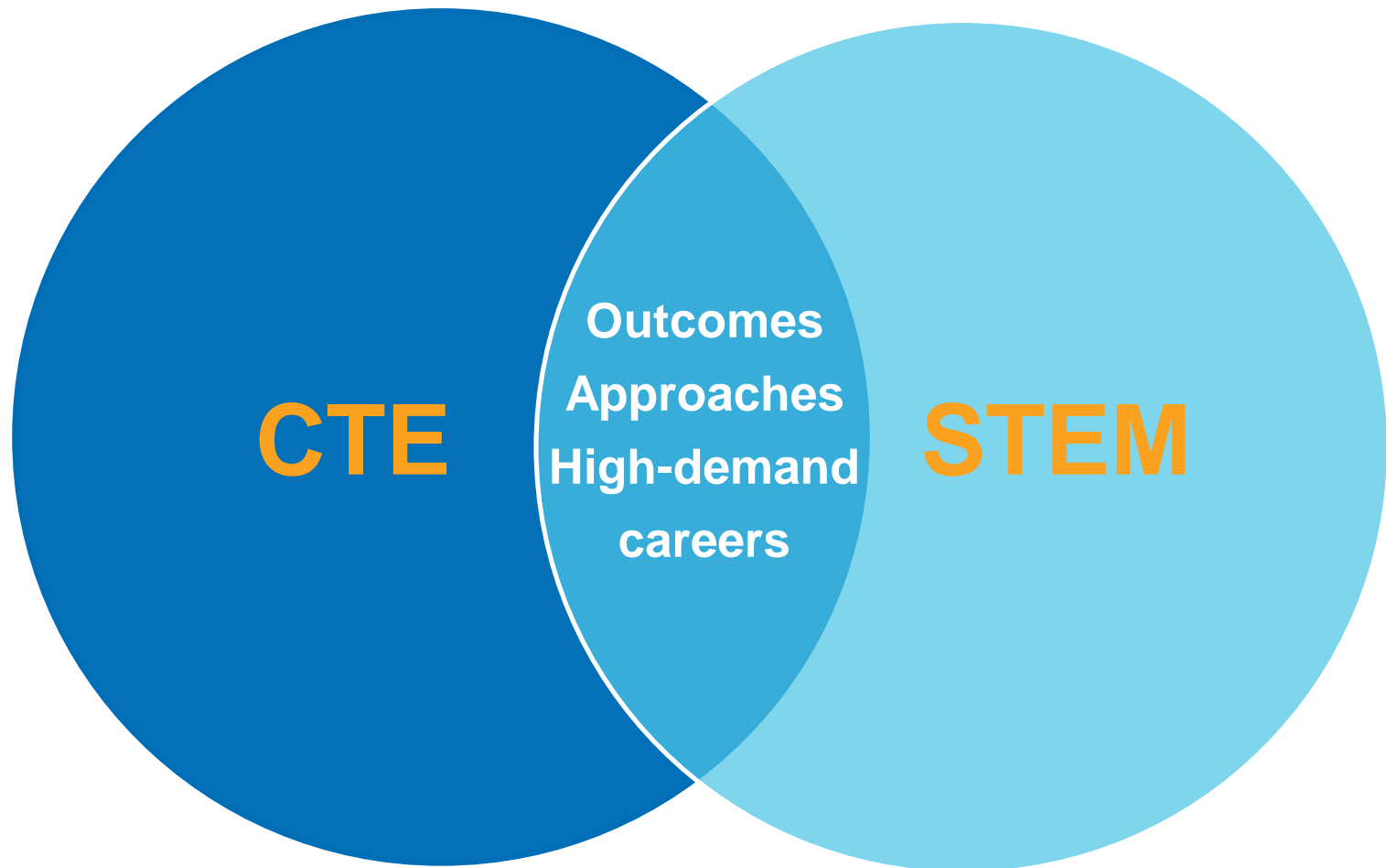
STEM outcomes for the Class of 2006

Number of new jobs by 2021

Source: ECONorthwest analysis of ODE and National Student Clearinghouse data. STEM credential outcomes based on Brookings Institution definition of STEM fields. Oregon Talent Plan, 2017-20, Findings & Recommended Framework

CTE and STEM shared goals

Connecting education to careers



Oregon's CTE-STEM Education Plan

Develop fundamental CTE/STEM-enabled skills and mindsets for Oregonians of all races and economic status

- Improve prosperity of all individuals and communities across the state
- Become creative, life-long learners who can adapt to changing economic and social conditions
- Fill high-wage, high-demand jobs with exceptional employees

4 strategic goals



Develop knowledge, skills and mindsets necessary to thrive



Ensure equitable opportunities and access for every student



Improve support of and increase formal and informal P-20 STEM educators



Create sustainable and supportive conditions to achieve STEM outcomes

Progress toward shared outcomes

STEM Investments

- STEM Education Plan
- 13 STEM Hubs
- Funding for Innovation Grants
- \$9.6 million in funding

CTE Revitalization

- 413 classes enhanced or created
- Pay-for-outcomes funding model
- \$21 million in funding

High School Success (Measure 98)

- 100% district participation in first year
- Increased funding for CTE programs
- \$170 million in funding

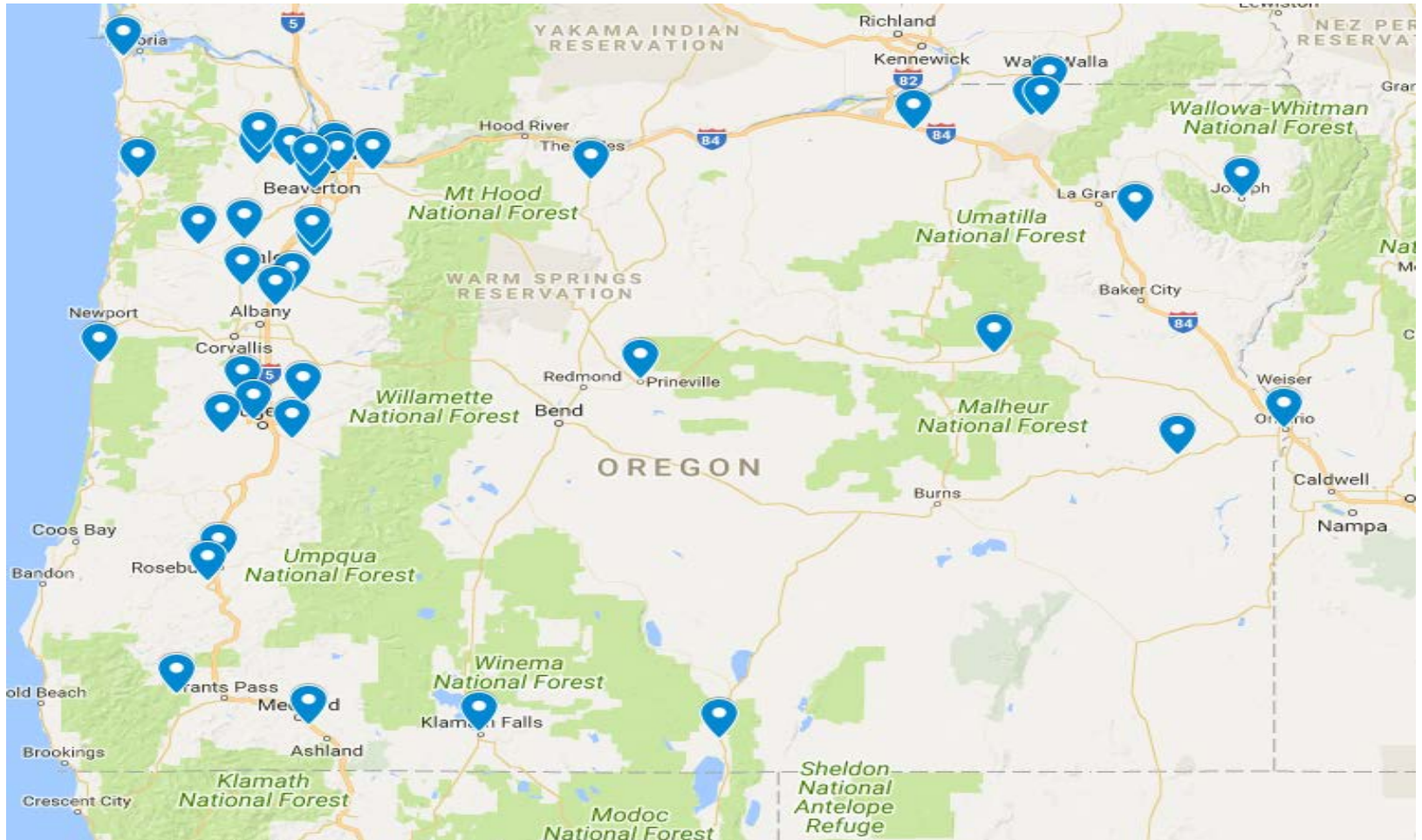
CTE-STEM Employer Coalition

- Alignment of CTE-STEM in career connected learning
- Growing employer support
- Advocate for CTE-STEM-related policies

13 Oregon STEM Hubs

- Frontier Oregon
- Lane County
- Southern Oregon STEM Hub
- Columbia Gorge
- East Metro STEAM Partnership
- Oregon Coast Region STEM Hub
- Portland Metro STEM Partnership
- South Metro-Salem STEM Partnership
- Central Oregon STEM Hub
- GO STEM Collaborative (EOU)
- Umpqua Valley Regional STEAM Hub
- Northwest STEAM Partnership
- Mid-Valley Mid-Coast STEM Hub

65 CTE Revitalization Grants



Opportunities to build on momentum

- Advocate for CTE-STEM policies and investments that scale CTE-STEM progress
- Cultivate partnerships that reimagine and transform learning
- Mobilize business community engagement

Everyone has a role to play



Connect with your local STEM Hub to invest time and resources

<http://education.oregon.gov/stem-hubs/>



Support classroom CTE-STEM volunteers

<http://stemoregon.org/connections/volunteer/>



Join the CTE-STEM Employer Coalition

<https://orbusinesscouncil.org/our-work/cte-stem-coalition/>