

**Idaho STEM Action Center
Organizational Meeting
July 22, 2015**

STEM Workforce Needs

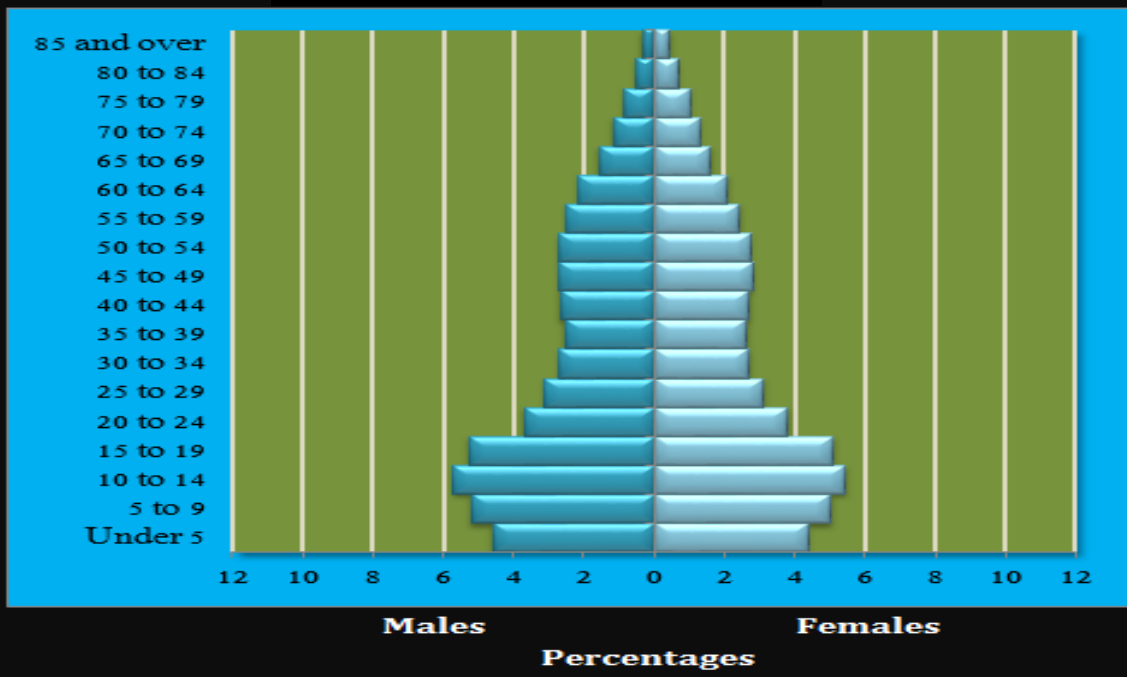
Workforce - #1 Challenge to Idaho's Economic Prosperity

IDAHO
DEPT. OF LABOR

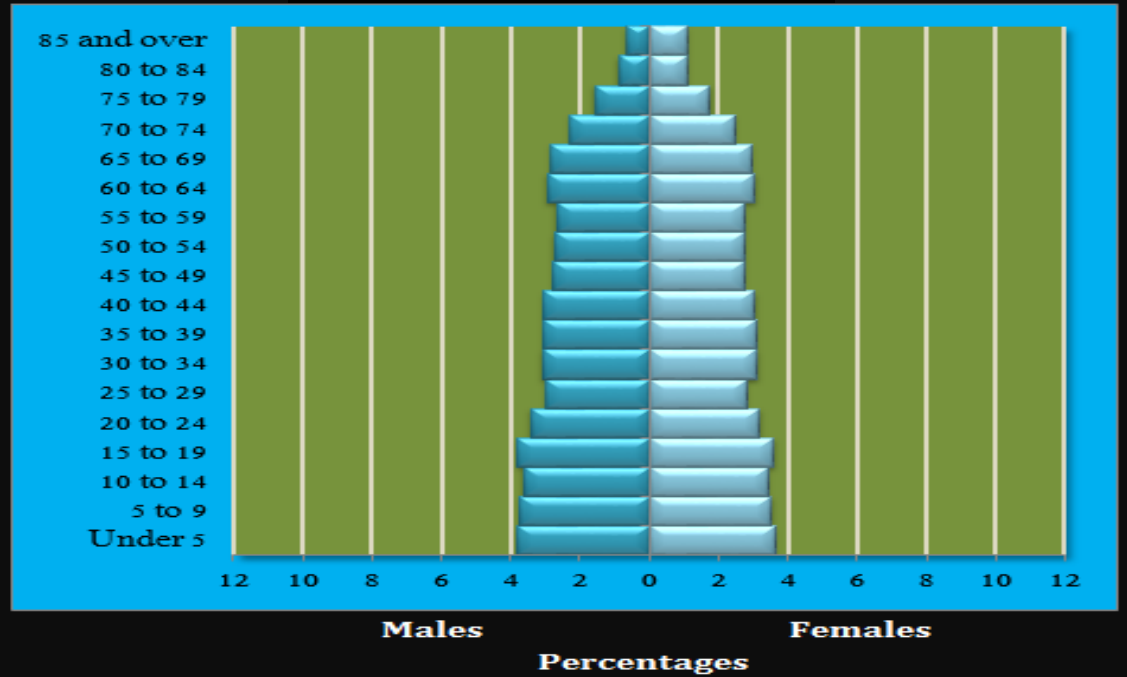


Population Trends

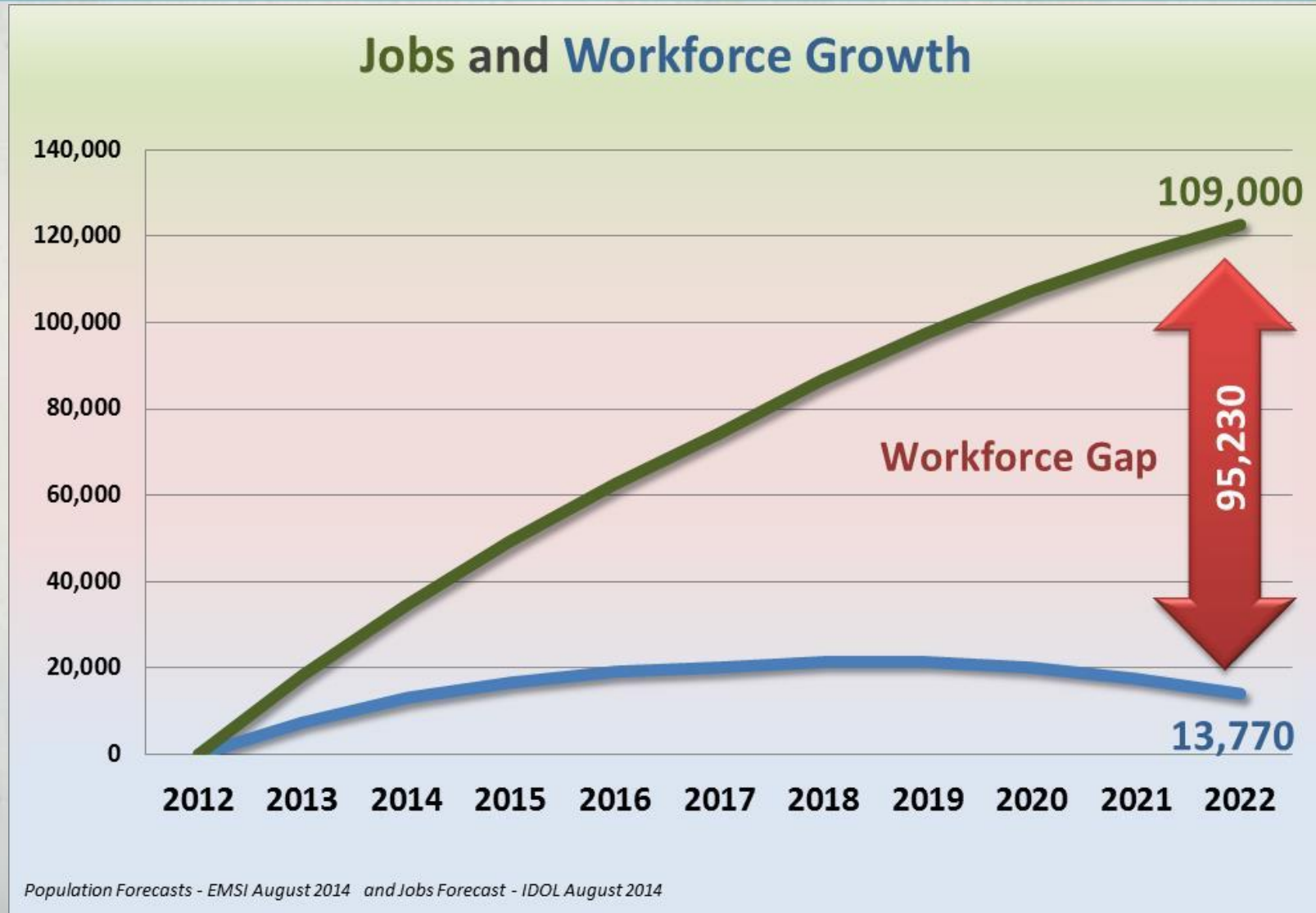
Idaho: 1970



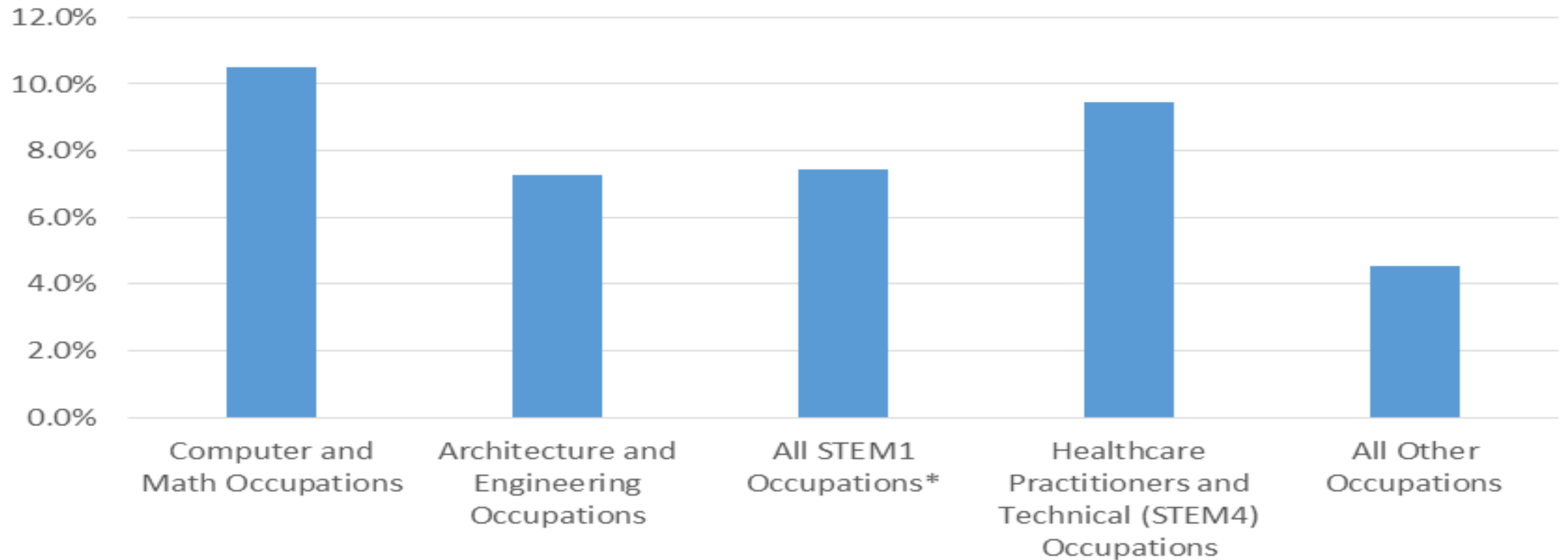
Idaho: 2022



Job Growth / Workforce Growth

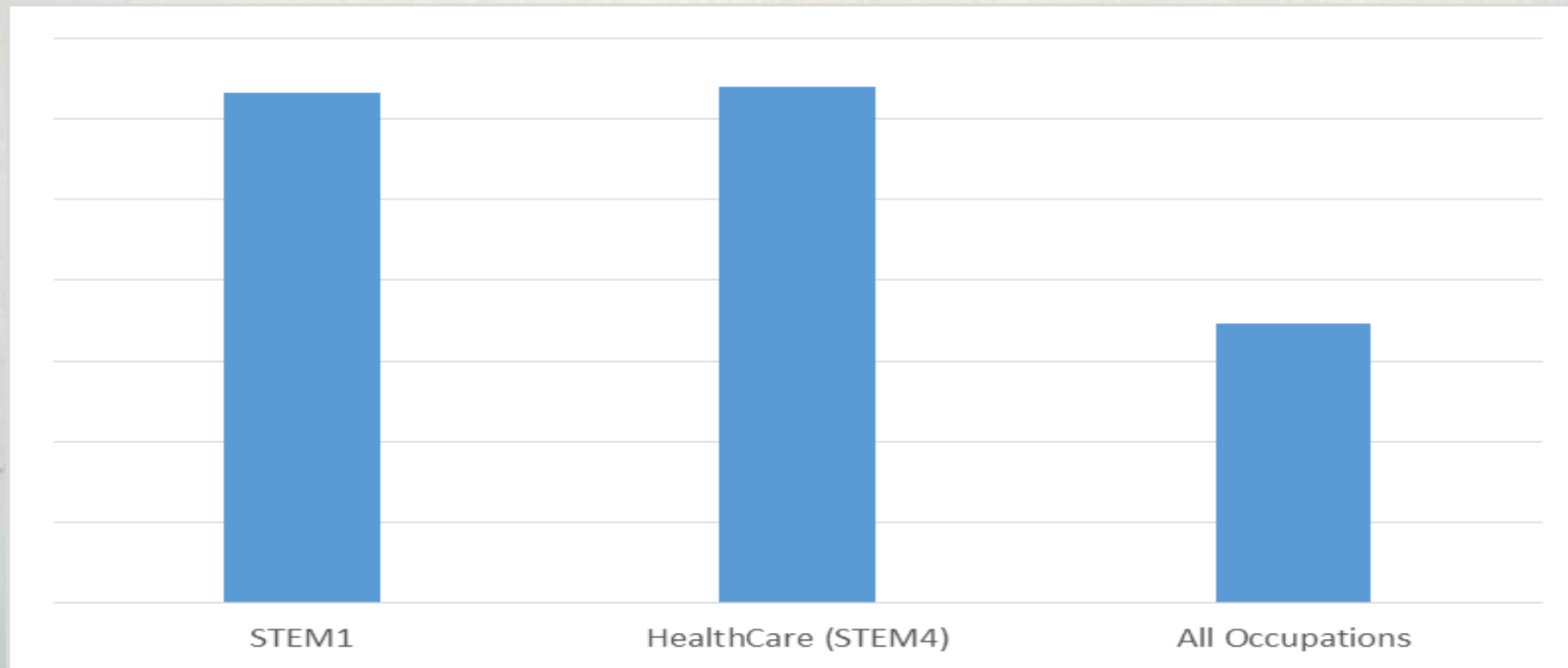


Vacancy Rates

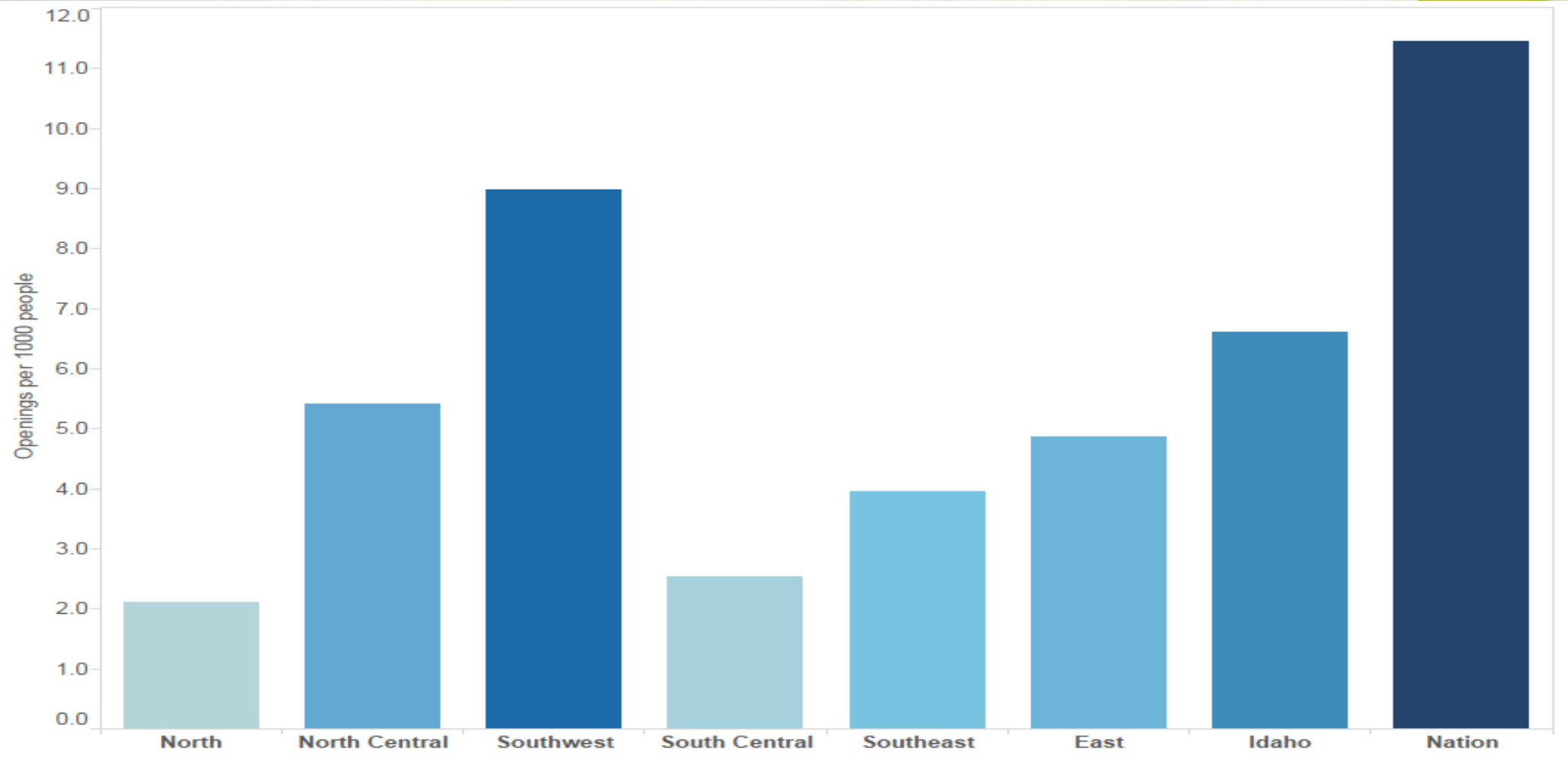


Wages: STEM vs. All

	% Above Idaho Median Wage
STEM1	82.9%
HealthCare (STEM4)	84.8%



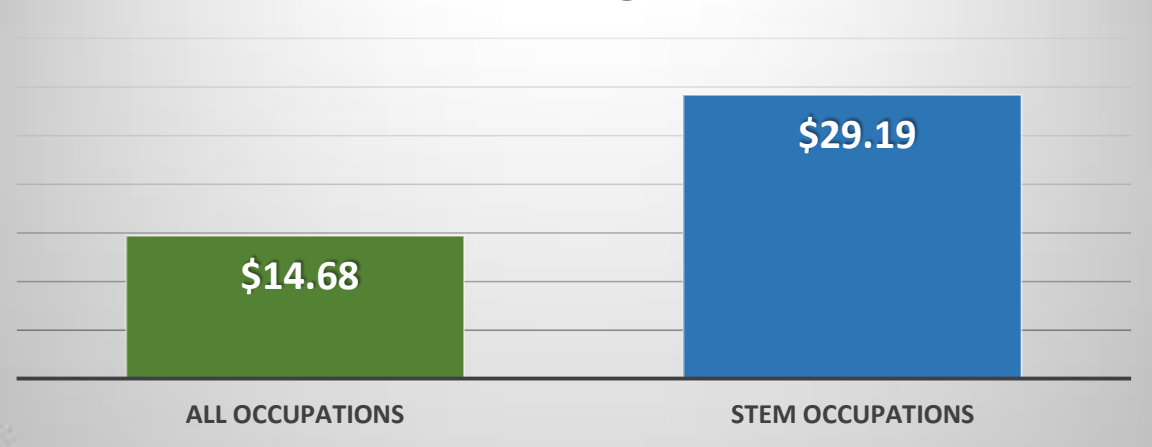
STEM 1 Occupations Postings per 1000 people, Jan-April 2015



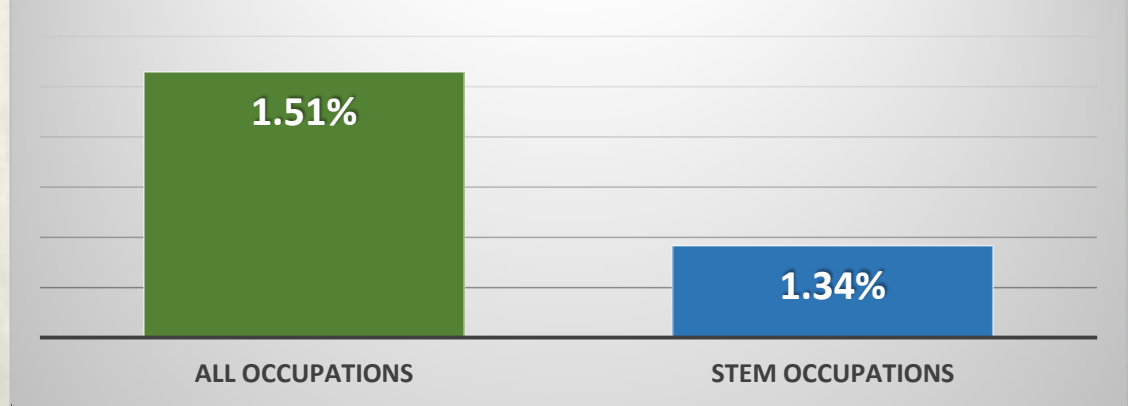
STEM 2012-2022 Projections

	Employment Annualized Growth Rate	Total Annual Openings (Growth and Replacement)	Median Hourly Wage (Weighted)
All Occupations	1.51%	26,784	\$ 14.68
STEM Occupations	1.34%	1,740	\$ 29.19

Median Wage 2014



Projected Annual Employment Growth Rate (Annualized 2012-2022)



Understanding the 60% Goal

- Impact of technology on the marketplace
- High school of yesterday versus technology-based economy of today
- 60% understates the real need

Projecting Future Needs

- Reconciliation of Supply and Demand
 - INL and related companies
 - Engineers
 - STEM educators
- Impact on Education Funding
 - Higher Education
 - Colleges of Education
- Impact on Economic Growth