Microsoft IT Academy

Microsoft

Global skills gap: youth unemployment

Youth Unemployment Rate ● Youth Unemployment ▮
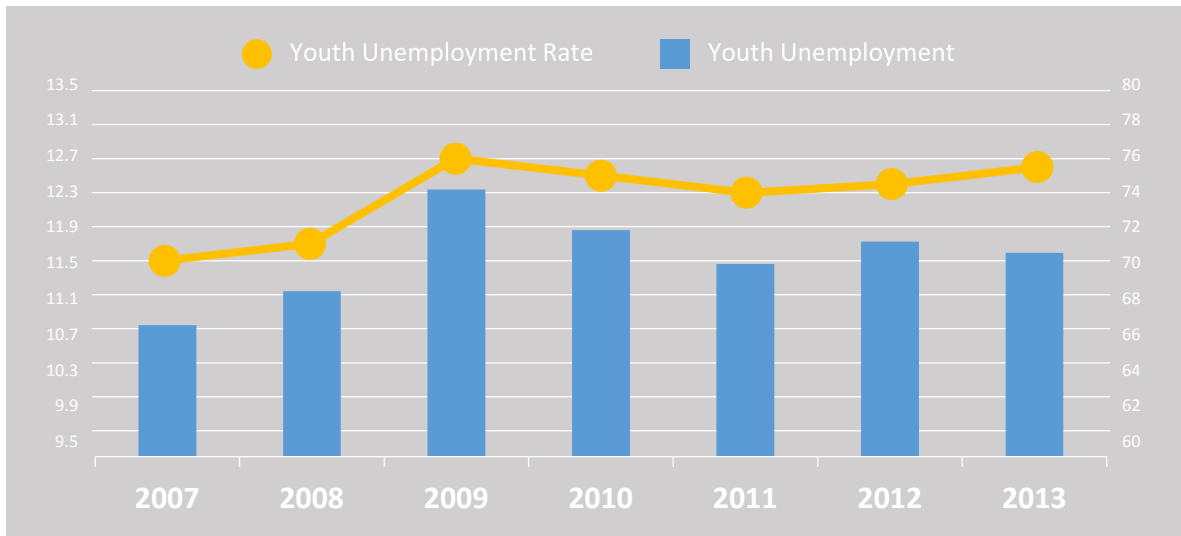
"Fewest young adults in 60 years have jobs."
— Time Magazine, Feb. 2012

"46% of young adults ages 18 to 24 are currently unemployed."
— Pew Research Center, Feb. 2012

"Among 18- to 34-year-olds who are employed, less than half (46%) say they have the education and training necessary to get ahead in their job or career."
—Pew Research Center, Feb. 2012

"Despite a dip in recent years, the youth unemployment rates globally are back on the rise."
—International Labor Organization United Nations, 2013
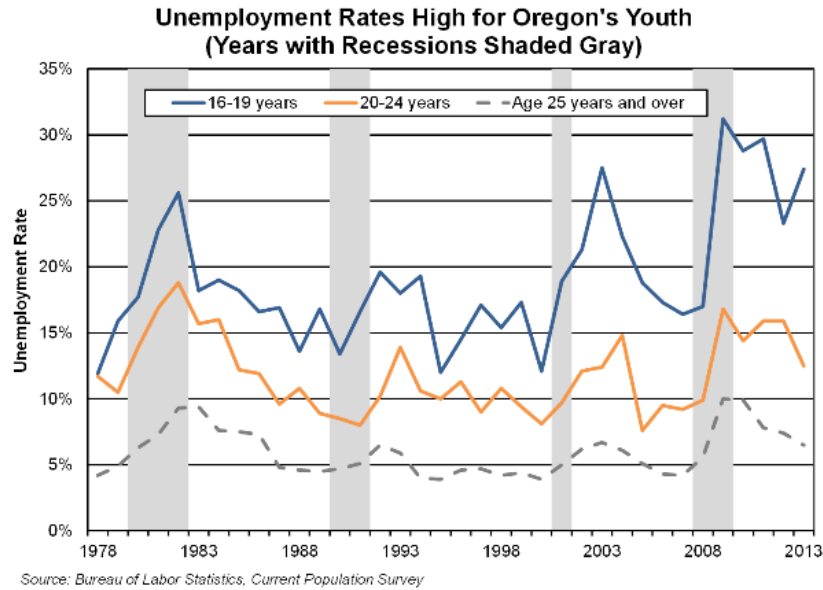

YOUNG PEOPLE + DECENT JOBS = GROWTH

Unemployment Rates High for Oregon's Youth

Tuesday, June 10, 2014

Unemployment Rates High for Oregon's Youth

The Oregon Employment Department recently released a new report, *Endangered: Youth in the Labor Force*. One of the main findings of this report was the youth unemployment rate far exceeded, and still exceeds, the population as a whole.

In the graph below, notice the gray, shaded area farthest to the right. This marks the Great Recession of 2007 to 2009. During this time, the unemployment rate increased across the board, but youth experienced a much greater increase. In particular, those in the 16 to 19 year old age bracket were hit the hardest and their unemployment rate was 27.4 percent in 2013. For those in the 20 to 24 group, the rate was 12.5 percent. These rates continue to remain higher than the historic rates for youth.

Unemployment Rates High for Oregon's Youth
(Years with Recessions Shaded Gray)

Source: Bureau of Labor Statistics, Current Population Survey

Citations can be found at: younginvincibles.org/citations-get-the-facts

In Oregon, the unemployment rate for young adults ages 16 to 24 is **17.8%**.[3]

The national unemployment rate is **7.5%**.[1]

In Oregon, the unemployment rate is **8.7%**.[2]

As of this month, there are 4,000 open jobs that require some Microsoft related skill.

More than half pay $60,000!

Value of skills

Technology is everywhere...

50% of today's jobs require some degree of technology skills.

Experts say that percentage will increase to **77%** in the next decade.[1]

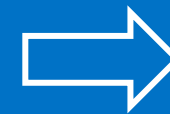**14M** estimated new jobs worldwide by 2015 due to spending on public and private IT cloud services.[2]

50% More IT opportunities than Computer degree science degree holders in US by 2020[3]

Over the next 4 years.[4]

5.8M Jobs will rise in IT employment ➡ **51%** Of all IT jobs will be software related ➡ **75K** New Business Created

Microsoft skills are in demand – globally!

Microsoft Skills & Certifications advertised: "must have", "good to have", "nice to have"

IT jobs will grow from 35.6 million jobs in 2009 to 41.4 million jobs by end of 2014

Location	Google	Apple	CISCO	Microsoft
Boston	780	449	639	10,588
Mumbai	227	161	203	1,266
Philadelphia	469	283	428	6,092
Amsterdam	336	163	363	1,570
Dubai	155	120	105	1,444
Toronto	572	330	507	7,157
Dallas	292	226	807	7,887
Shanghai	527	700	784	3,122
Sao Paulo	249	53	420	1,668
Sydney	402	380	344	2,326
Seattle	537	220	450	6,646

Indeed.com, July 2014

Microsoft Skills are in demand –Oregon!

Jobs in Demand by Technology

Microsoft Skills
& Certifications:
"must have"
"good to have"
"nice to have"

IT jobs will
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2014

CARMEN CASTILLO
NETWORK ADMIN
IT

Location	Google	Apple	CISCO	Adobe	Microsoft
Portland	234	83	119	219	1857
Hillsboro	20	59	27	19	285
Beaverton	26	46	23	27	227
Salem	7	7	8	6	188
Eugene	11	5	6	12	141
Medford	5		3	6	123
Bend	6	5	4	4	122
Oregon (all up)	**466**	**282**	**236**	**376**	**4,209**

Source: Indeed.com, May 2015

Top skills students need for future success

#1
Oral and written communica-tion skills*

Microsoft Office was listed as a required skill **5 times** more frequently than all other software programs combined.

#2
Microsoft Office*

#3
Detail-oriented*

#4
Problem solving*

#5
Self-starting/self-motivated

#11
Microsoft PowerPoint*

#13
Microsoft

*Indicates CIP (Communication, Integration, Presentation) skill.
Sources: [1]Skills Requirements for Tomorrow's Best Jobs—Helping Education Provide Students with Skills and Tools They Need, Doc#243853, October 2013

Michigan
High Schools and Community Colleges
328/356

West Virginia
High Schools
160

Arizona
High Schools, Community Colleges
265/262

Iowa
STEM schools:
150/100

Indiana
High schools and Workforce development offices
150/101

North Carolina
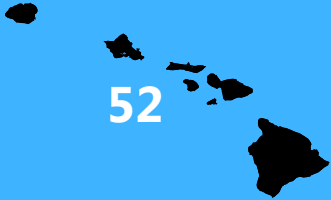High school & community college
686/458

Hawaii
Libraries statewide: first worldwide!!!
52

Arkansas
High school & workforce
343/79

Georgia
High schools
441/441

Utah
High schools
150/99

Alabama
High school
191/183

Florida
High Schools
100/775

Washington
High school and Libraries
1108/721

Virginia
High school
364/376

Louisiana
High schools
88/192

Nebraska
High Schools
47/47

Kansas
High Schools
150/135

IT Academy and Certifications

Ontario High School has been positively impacted by having access to The Microsoft IT Academy in many ways. As a teacher, I appreciate that the material is accurate and up-to-date and that I have access to on-line instruction when I personally need an update. The academy has also allowed me to easily differentiate instruction. I can now offer students the method of instruction that is best suited to their learning style. My students who prefer to work independently have been using the e-book. In the future I plan on using the on-line academy to supplement this. I also use the e-book material for those students who learn easier with direct instruction, the class works through the material together and it is easy to instruct from and the independent practice is great. Because the material is preparing them for a business based standard certification my students can see a true value to learning the material and have approached the content with more enthusiasm.

-Sharma Jones, CTE Teacher
Ontario High School

North Carolina, USA

June Atkinson
North Carolina State Superintendent

"In today's economy, providing the Microsoft IT Academy to high school students just makes sense."

[Video](#)

	Pre-IT Academy 8/09 – 6/10	1st Year of IT Academy 8/10 – 6/11	2nd Year of IT Academy 8/11 – 6/12	3rd Year of IT Academy 8/12 – 6/13
Number of total MOS certifications	21	8,794	43,630	53,731
Number of student MOS certifications	16	8,065	42,563	52,922
Number of teacher MOS certificates	5	729	1,148	809