

# **SuperQuest 2009**

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Intel Oregon Education Manager  
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# Agenda

- Intel in a Snapshot
- Education Trends in Oregon
- Points of Pride
- Next Steps



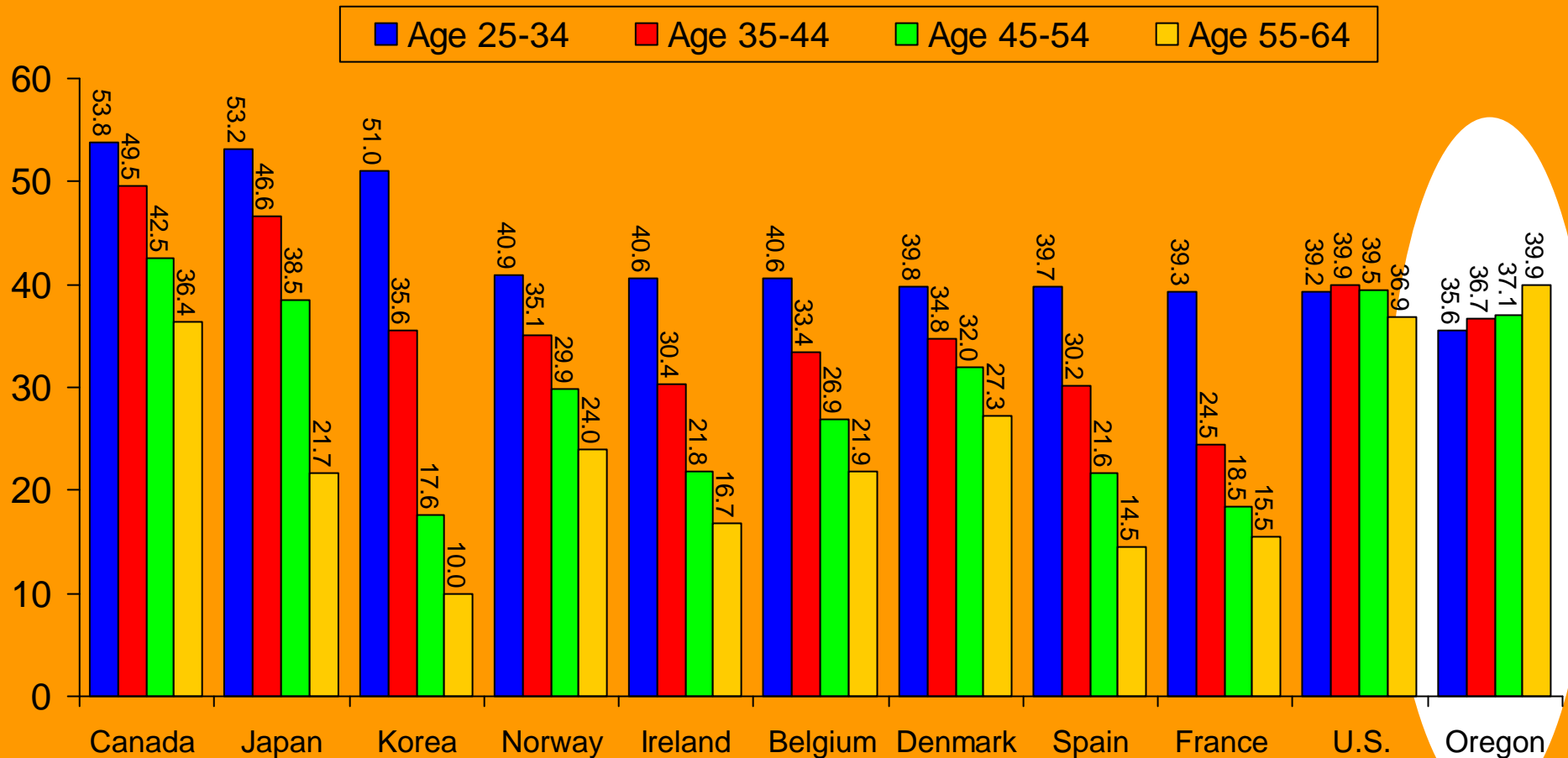
# Intel's Largest & Most Complex Site in the World

- Over 15,000 employees work in Oregon, making Intel largest private employer in the state
- Employ over 1,000 Ph.D.s in Oregon; 600+ patents awarded last year
- 10% of our employees are back in school with Intel's support
- Pay for employees to get teaching certificates

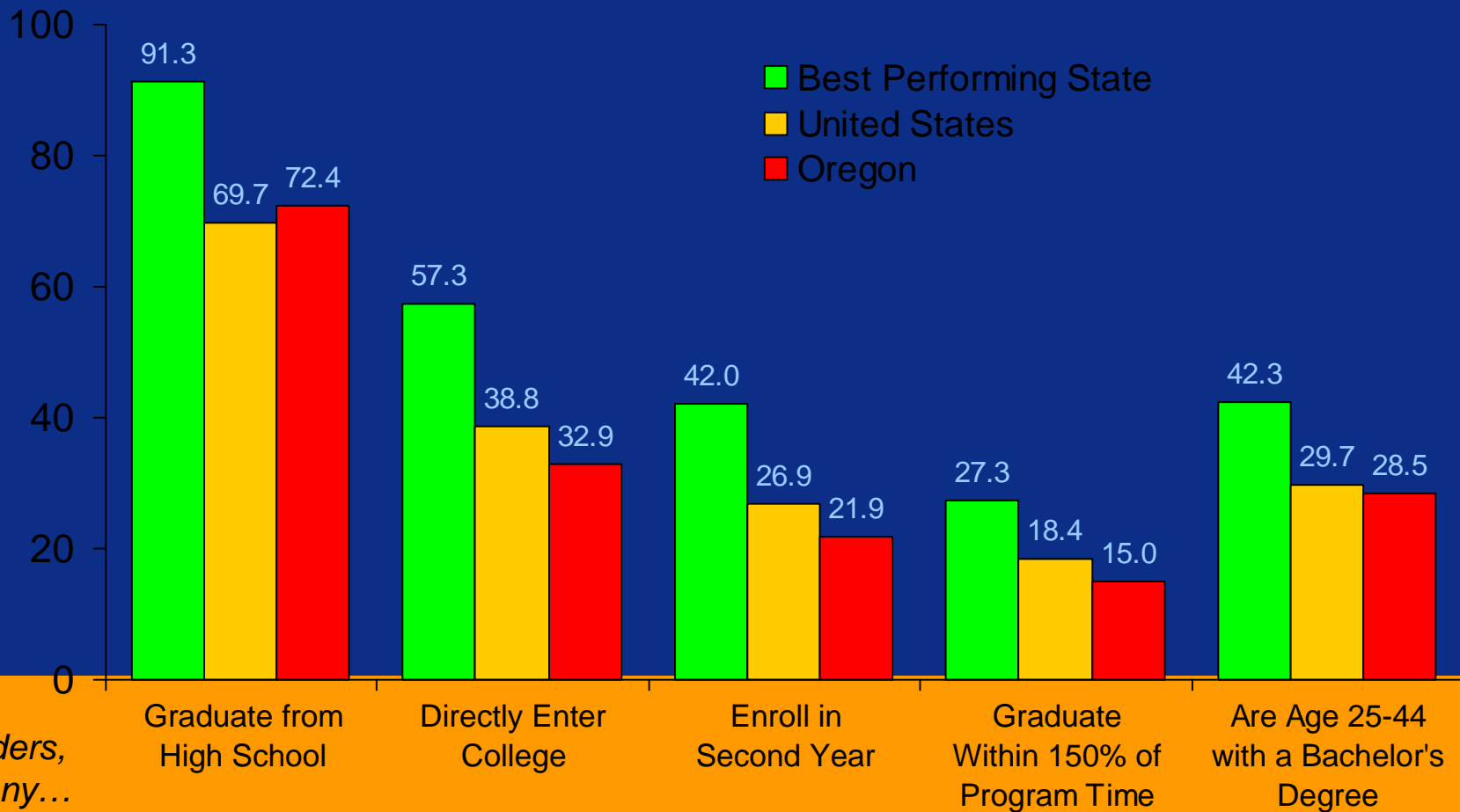
# Shifts and trends

- Governor and legislature are calling for 40 – 40 – 20
  - 40% with a bachelors degree or higher
  - 40% with a 2-year degree or equivalent
  - 20% just with a high school graduation
- Currently:
  - 28% with a bachelors degree or higher (10% graduate degree)
  - 26% with a formal 2-year degree or equivalent
  - 34% just high school or some college
  - 12% less than high school

# Percent of Adults with an Associate Degree or Higher by Age Group—Oregon, U.S. and Leading OECD Countries



# Student Pipeline, 2004



Source: NCES Common Core Data 2004; Tom Mortenson, *Postsecondary Education Opportunity*; NCES, IPEDS Fall 2004 Retention Rate File and Fall 2003 Enrollments, 2004 Graduation Rates; U.S. Census Bureau, 2005 ACS



Intel Confidential

# Current situation

- Today's Oregon diploma requirements are lowest in the nation; new graduation requirements pushed out
- We are 45<sup>th</sup> in nation for college-going rates
- We are 2<sup>nd</sup> in the country for unemployment

# Oregon Sweeps STEM programs



- Eric Larson, Senior at South Eugene HS, winner of Intel Science Talent Search (Intel STS)
- Awarded \$100k scholarship for work in mathematics
- Over the last 10 years, Oregon students have placed in the top 3 of Intel STS, more than ANY other state
- Intel STS application competition for HS Seniors:

[www.intel.com/education/sts](http://www.intel.com/education/sts)

# National Teacher of the Year

- Mike Geisen, 7<sup>th</sup> Grade Science Teacher, named National Teacher of the Year
- Toured the world this school year to inspire educators
- Platform: Educating the whole child
- Application: [www.ode.state.or.us/go/TOY](http://www.ode.state.or.us/go/TOY)



# Top Math & Science School

- Sojourner Elementary in Milwaukie named “Star Innovator” through Intel Schools of Distinction
- Received \$150k in cash, equipment & materials
- [www.intel.com/education/schoolsofdistinction](http://www.intel.com/education/schoolsofdistinction)



# Oregon Leader in STEM

- Oregon MESA students win National Competition
- Largest Lego Robotics program in the US--ORTOP
- 10 Affiliated Science Fairs sending ~40 kids to Intel International Science & Engineering Fair winning \$237k

One stop shopping for STEM

– [www.TechnoScienceSupersite.org](http://www.TechnoScienceSupersite.org)



# Focus is Needed

- Economic recovery dependent on skilled workforce
- STEM is the gateway to improving Oregon's economy
- Need to get more kids into college (including trades)

*Thank you for all that you are doing to improve the future for your students*

# Resources and fun stuff

- <http://www.intel.com/education/>
- <http://www.intel.com/education/K12/index.htm>
  - <http://www.intel.com/education/tools/index.htm>
  - <http://educate.intel.com/en/designdiscovery/>
  - <http://www.intel.com/education/DesignSquad/?iid=SEARCH>  
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