



Is Our Nation Meeting the Challenge?

NACTE
9:45 AM
May 17, 2012
Benson Hotel, Oxford
Portland, Oregon

Dr. John C. Foster

Measuring What Matters!

This is NOCTI ...

- Over 45 years serving the CTE community
- Non-profit organization
- Owned and operated by the 50 states
- Works with both secondary and post- secondary populations
- Nocti Business Solutions (a NOCTI subsidiary) provides services to industry



A little more about us

GOVERNANCE: 11 person board elected by a consortium of state directors of CTE, all 58 are members. Non-profit organization with 45 years of experience serving the Career and Technical Education (CTE) community.

OUR SERVICES:

- Professional Development
- Instructional Improvement
- Standards and Assessment Development
- Assessment Delivery (including 3rd party tests)
- Program Management (states, locals and certification agencies)



Industry Connections

N
OCTI

Mission Statement
Building a competent workforce through creative learning solutions

Vision Statement
To become the leading provider of comprehensive educational solutions for the emerging workforce

Over 40 Years of Excellence Since 1966

We are in a very unique position

Pathways to Prosperity Project: Highlights

- US educational advances have been minimal (incremental gains)
- Advocates a comprehensive pathway network

“We are the only developed nation that depends so exclusively on its higher education system as the sole institutional vehicle to help young people transition from secondary school to careers, and from adolescence to adulthood,” says Robert Schwartz, academic dean and professor at the Harvard Graduate School of Education.

NOCTI

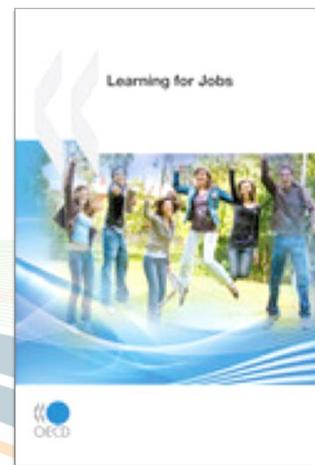
Pathways to Prosperity Project: Highlights

- That comprehensive pathway network includes;
 - Broader vision of school reform that emphasizes multiple pathways to success, which may not require a bachelor's degree
 - More emphasis on career counseling
 - High quality CTE (apprenticeships and Community Colleges)
 - More involvement by employers
 - A social compact (everyone has the education and experience to be successful)



Learning for Jobs: OECD Organization for Economic Co-Operation and Development

- A Study of 17 developed nations Vocational Employment and Training (VET) system and recommendations for Policy
- “Countries are giving the long neglected topic of VET a dramatically increased profile, reflecting a recognition of its economic and educational function...”
- Numerous Policy recommendations including;
 - Engaged employers
 - More emphasis on career counseling
 - High quality VET teacher preparation
 - Using standardized tests and data regarding technical competence to benchmark progress



Let's get to the DATA!

**What does the national data say
about technical competence in the
United States?**

OR

**Are our entry level workers better
prepared than in the past?**

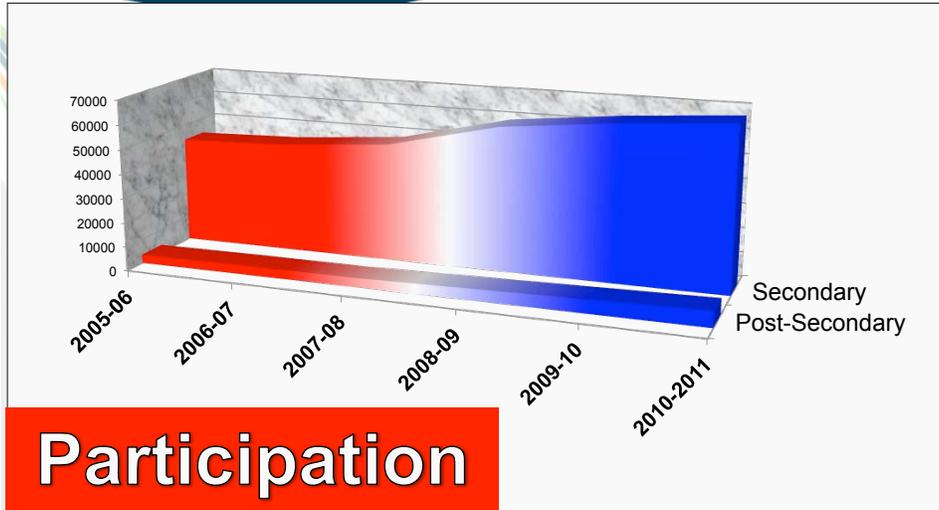


Data Background USA

- 2006-2011
- 356,000 points of data
- Technical and Soft skills assessments
- Secondary and Post-Secondary Programs



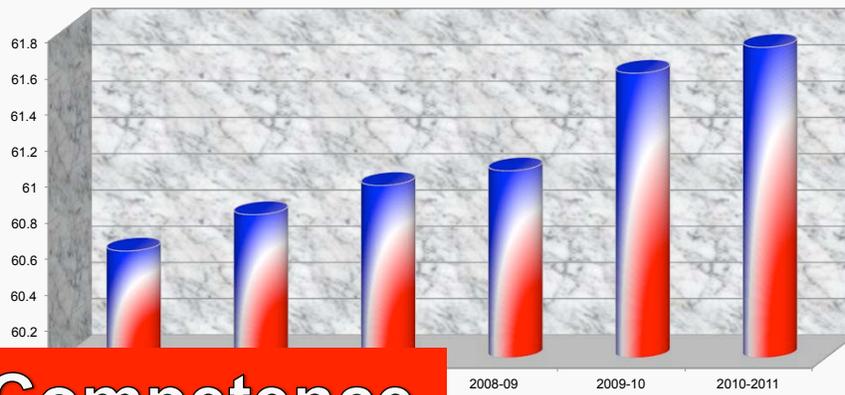
Secondary & Post-Secondary Implementation



Participation Increased

Across the States

National Technical Assessment Means

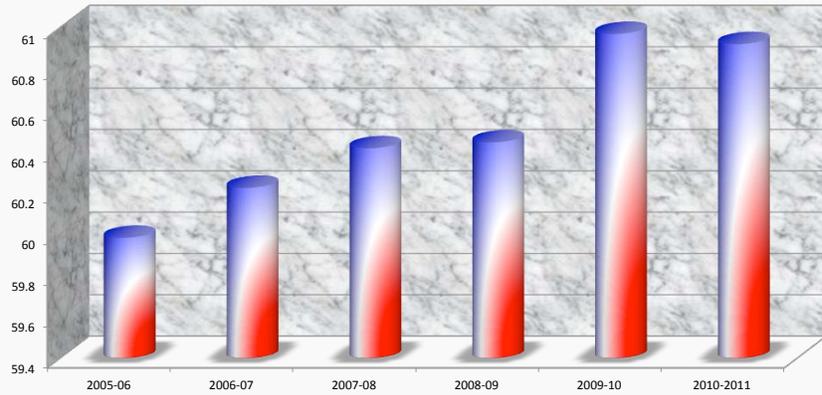


Competence Increased

Skills and Technical
near 60,000 to 75,000 tests

Across the States

National Technical Secondary Means

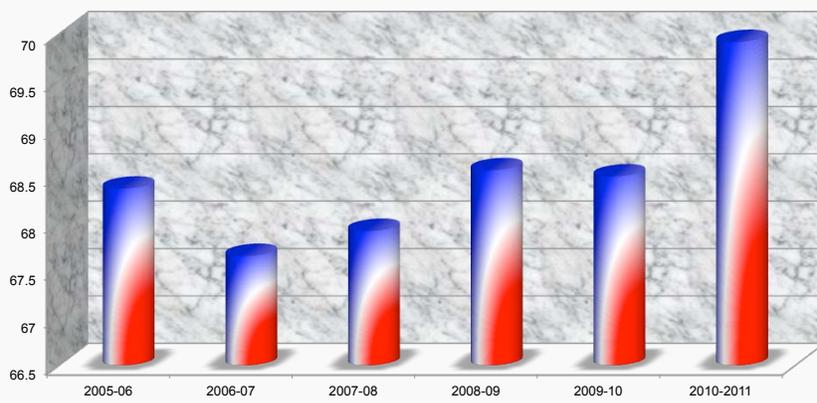


- Secondary Only
- Each year 45,000 to 65,000 tests



Across the States

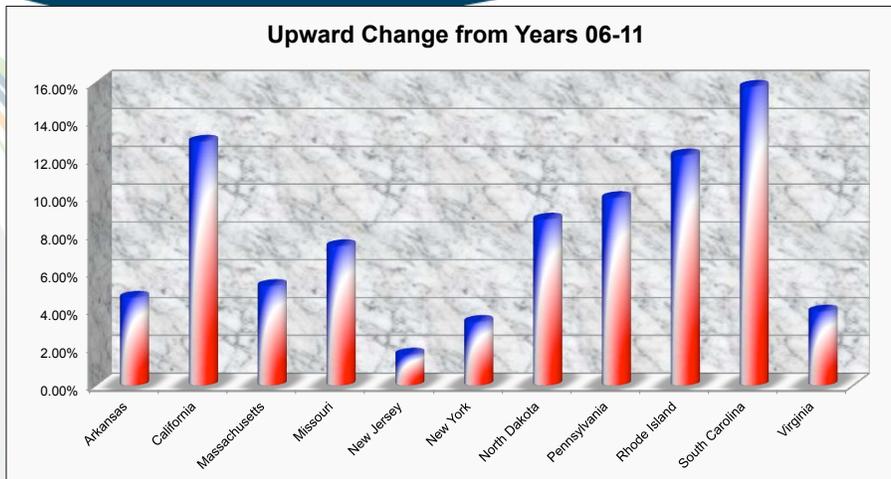
National Post-Secondary Means



- Post-Secondary Only
- Each year 3,500 to 6,500 tests



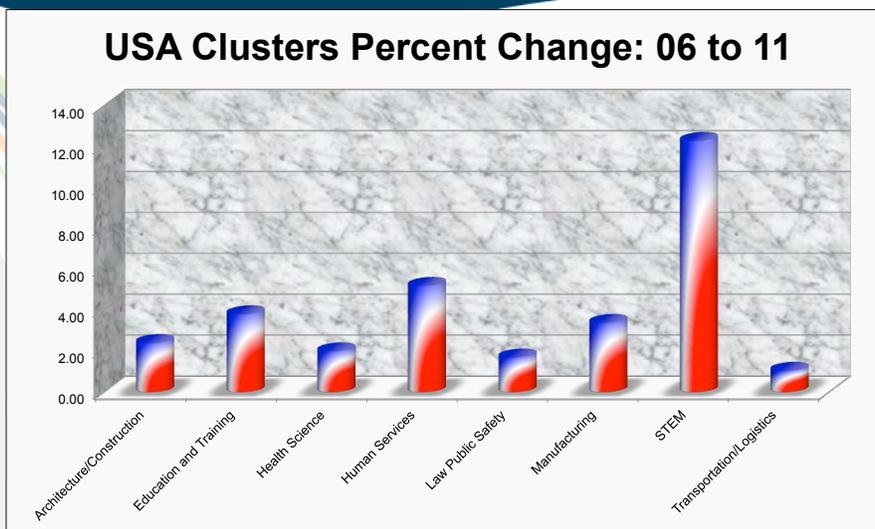
Across the States



- Secondary and Post-Secondary
- States testing 500 to 15,000



Across the States



- Clusters with at least 500 test takers
- Showing positive gains

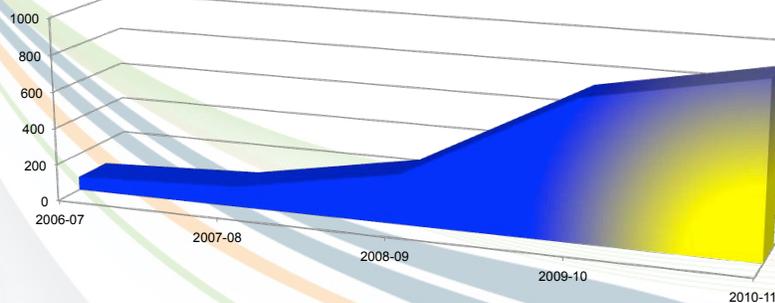


A Sampling of State Examples

- 2006-2011
- 3,000 (ID), 29,500 (NJ), 95,000 (PA) points of data
- Technical and Soft skills assessments
- Secondary and Post-Secondary Programs

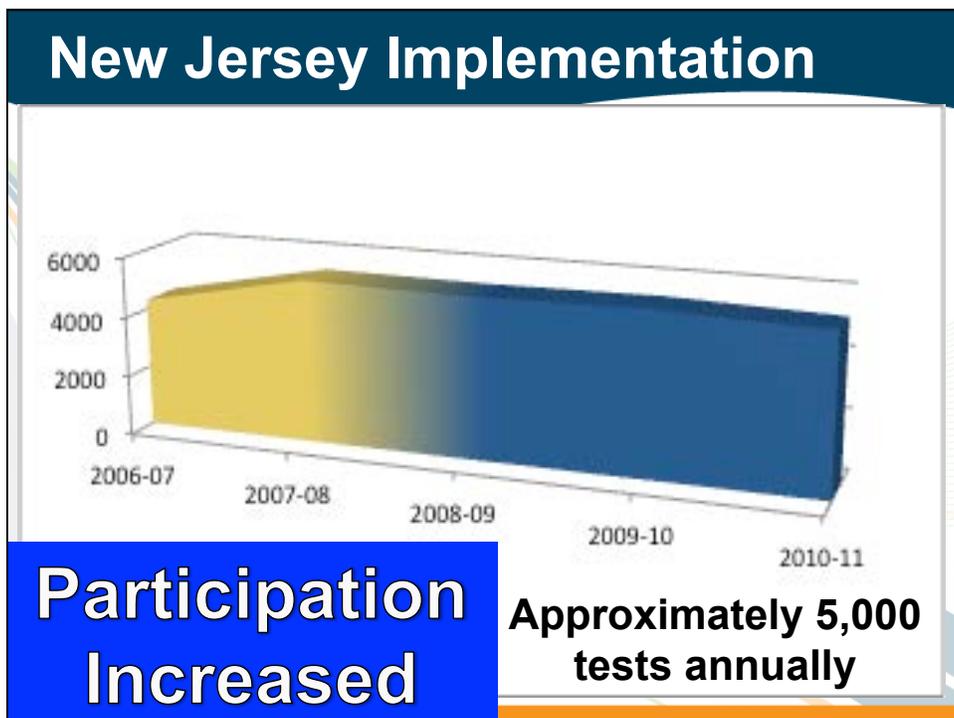
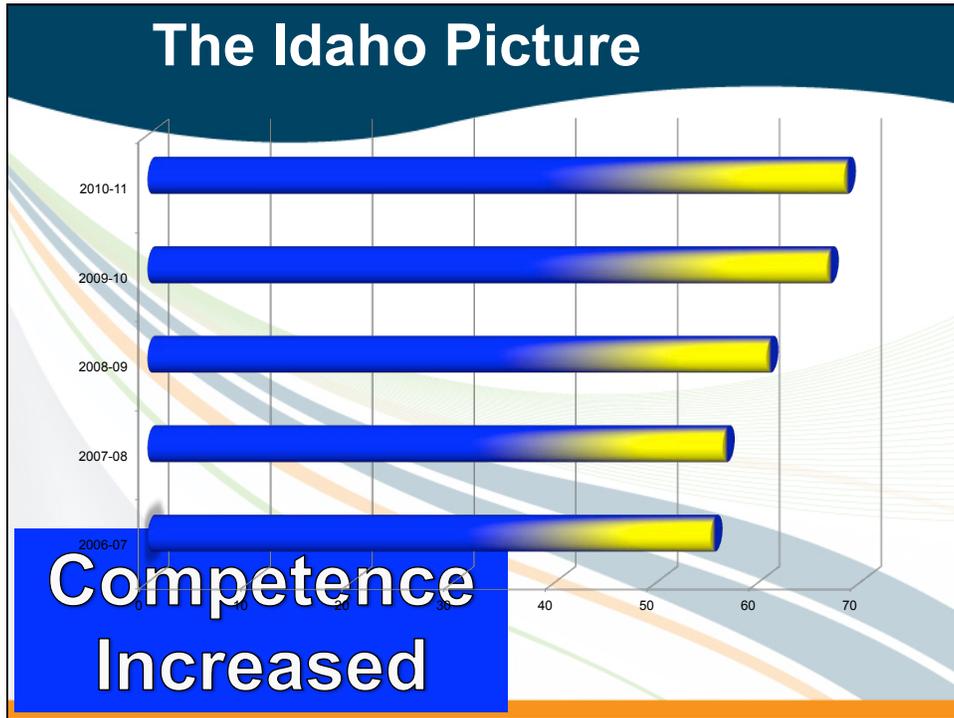


Idaho Implementation

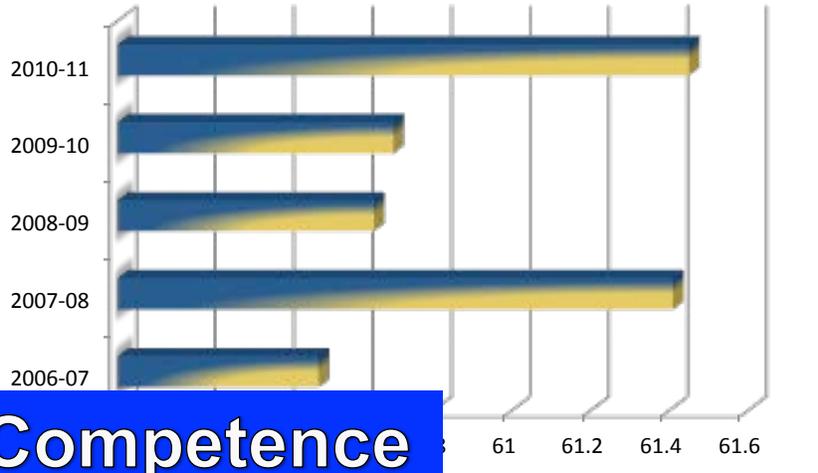


**Participation
Increased**

**Approximately
425 tests
annually**

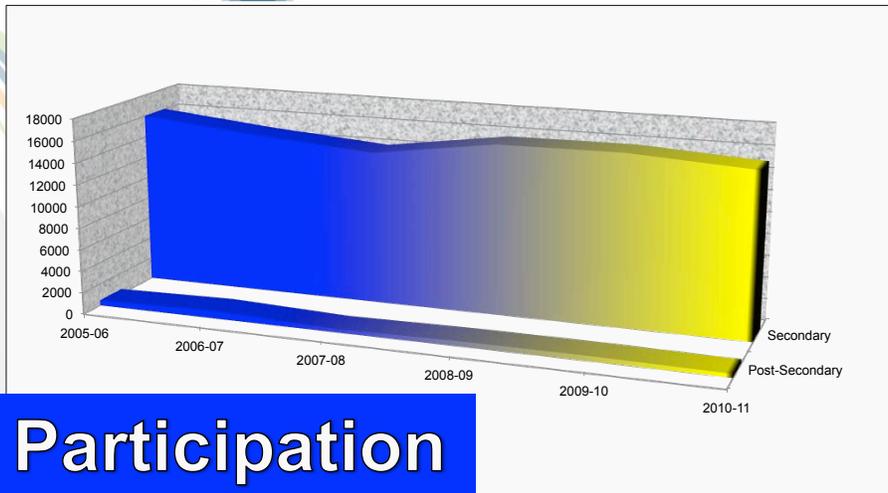


New Jersey Technical Means



**Competence
Increased**

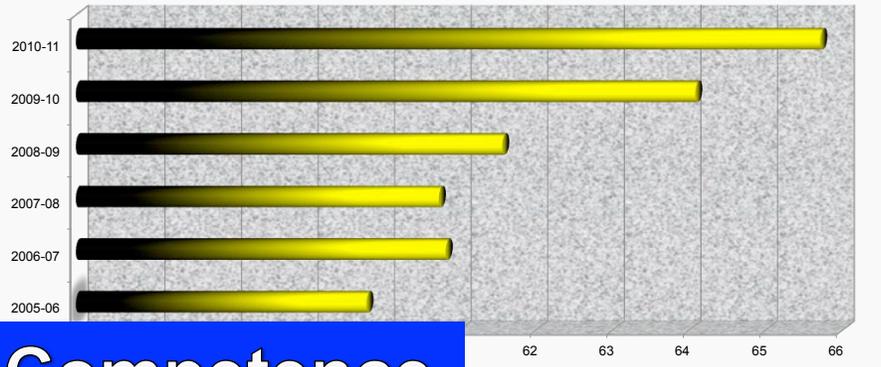
Pennsylvania Secondary & Post-Secondary Implementation



**Participation
Increased**

The Pennsylvania Picture

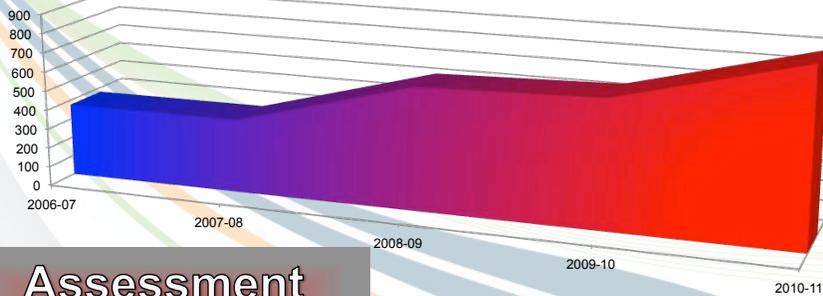
Pennsylvania Technical Means



Competence Increased

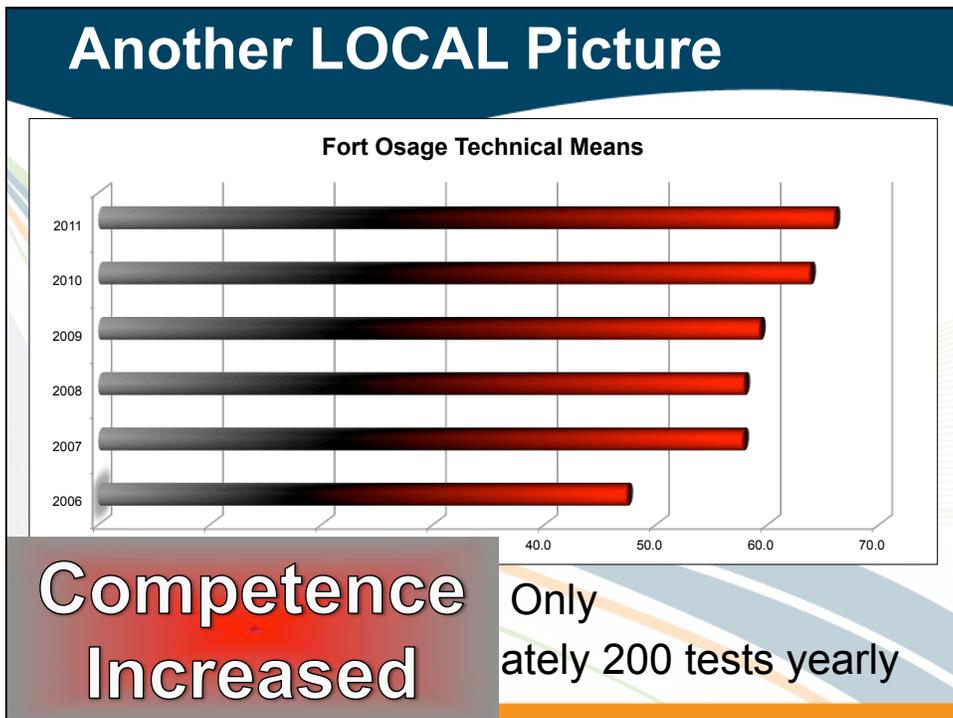
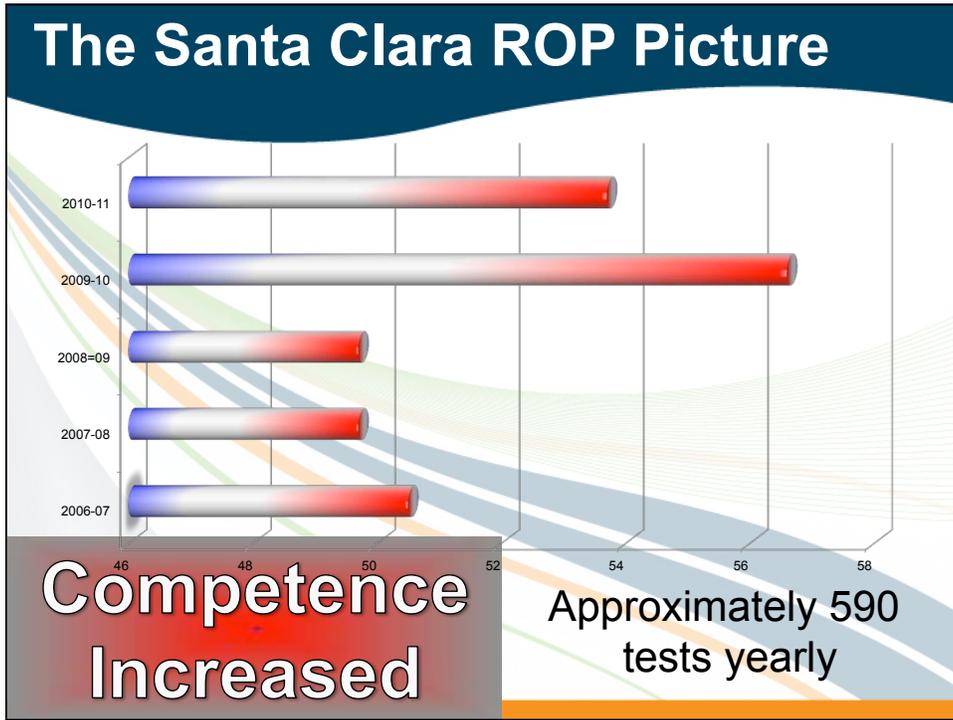
Only
approximately 15,500 tests yearly

Santa Clara ROP, California: Implementation



Assessment participation continues to increase

Approximately 4,000 points of data



So are we better?

Gains in technical competence!

USA:	02%
Idaho:	24%
New Jersey:	02%
Santa Clara:	06%
Chicago:	Benchmarking
Fort Osage	18%
Pennsylvania	12%



Thank You!

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