

No Time to Lose



How to Build a
World-Class
Education System
State by State



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NATIONAL CONFERENCE *of* STATE LEGISLATURES



About NCSL

- Instrumentality of all 50 state and territorial legislatures
- Bipartisan
- Provides research, technical assistance and opportunities to exchange ideas
- Advocates on behalf of legislatures before the federal government

NCSL is committed to the success of state legislators and staff. Founded in 1975, we are a respected bipartisan organization providing states support, ideas, connections and a strong voice on Capitol Hill.





International Education Study Group

- Phase I: 22 legislators and 6 legislative staff
- Studied the 10 top performing countries/provinces:
 - (Alberta, Ontario, Estonia, Finland, Hong Kong, Japan, Poland, Shanghai, Singapore, Taiwan)
- Studied with 25 international/state education experts





NCSL Legislative Study Group

Findings:

Good News and Bad News

- **Bad news:** Most state education systems are falling dangerously behind the world in a number of international comparisons and on our own National Assessment of Educational Progress, leaving the United States overwhelmingly underprepared to succeed in the 21st century economy.
- **Good news:** The good news is, by studying these other high-performing systems, we are discovering what seems to work. If we get to work right away, we can quickly turn this around as high-performing countries have.



International Surveys Sound

Alarms

U.S. RANKING ON PISA

The Programme for International Student Assessment (PISA) is a comparative study of 15-year-old students' knowledge in key areas including math, reading and science.

YEAR (COUNTRIES TESTED)	U.S. RANKING		
	READING	MATH	SCIENCE
2000 (32)	15th	19th	14th
2003 (41)	18th	28th	22nd
2006 (57)	NR	34th	28th
2009 (65)	17th	30th	22nd
2012 (65)	24th	36th	28th
2015 (72)	23rd	39th	25th

- 2015 Results: Improved 1 spot in reading, 3 spots in science, and math dropped by 3. Bad News: The raw scores actually held steady.
- ETS analysis finds U.S. Millennial generation workers ranked last in 2013 OECD PIAAC survey of worker numeracy, literacy and problem solving in 33 countries

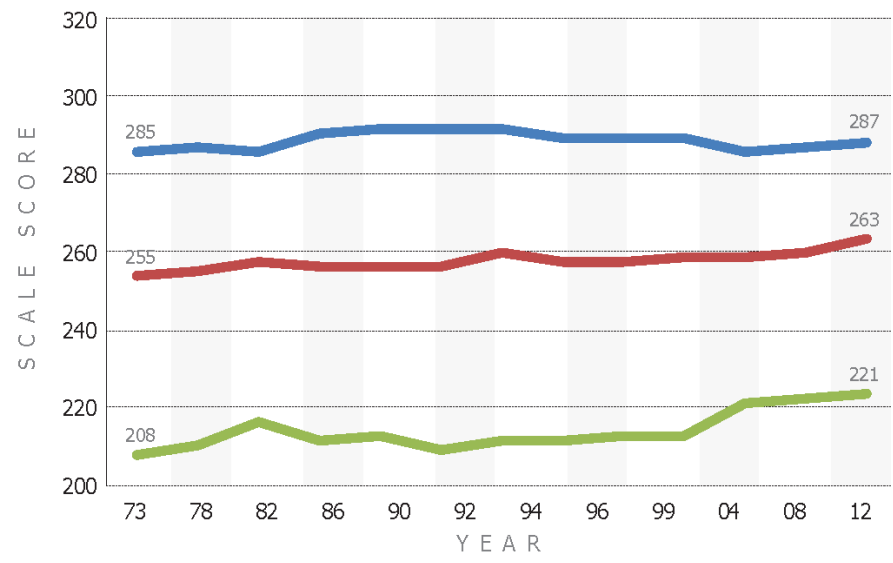
SOURCE: NATIONAL CENTER ON EDUCATION AND THE ECONOMY, CENTER ON INTERNATIONAL EDUCATION BENCHMARKING, 2017



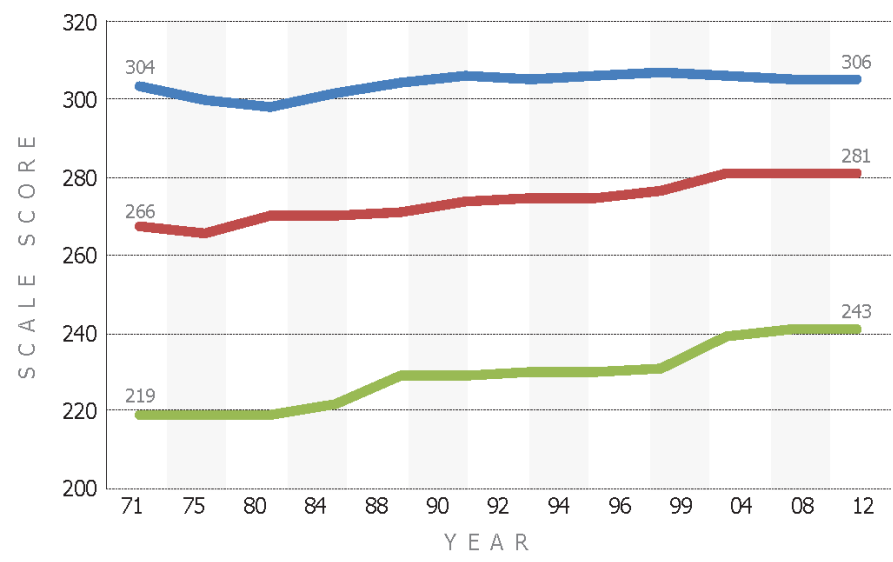
LONG-TERM NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS (NAEP) SCORES

Over the past four decades, high school students in the U.S. have made little progress according to the "Nation's Report Card," administered by the NAEP.

READING



MATHEMATICS



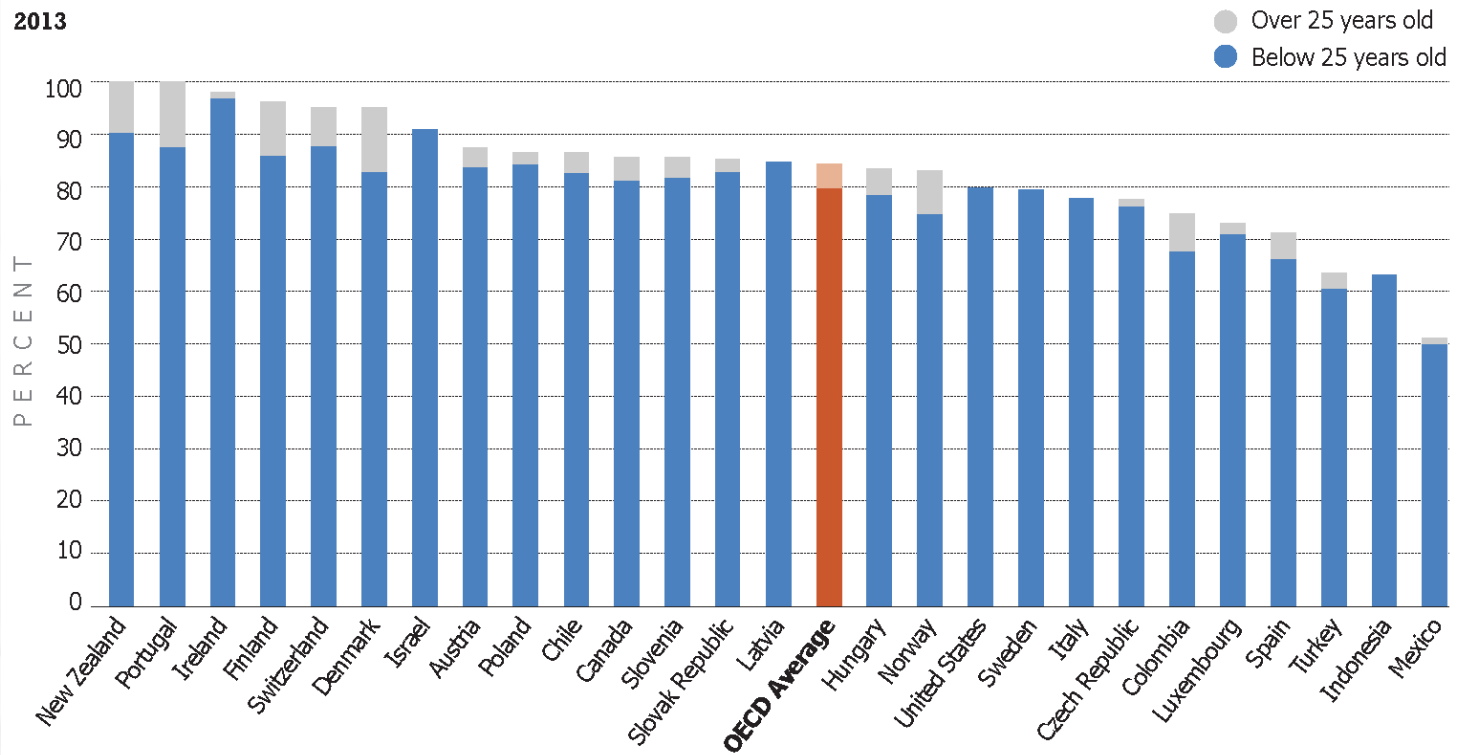
Our Own NAEP Sounds Alarms: Little to No Progress

Myth: US Cannot be Fairly Compared to World Class Education Systems

UPPER SECONDARY GRADUATION RATES, 2013

The OECD reports that the U.S. graduation rate is 80 percent, lower than most other high-performing countries. This dispels the assertion that other high-performing countries educate only their elite.

2013



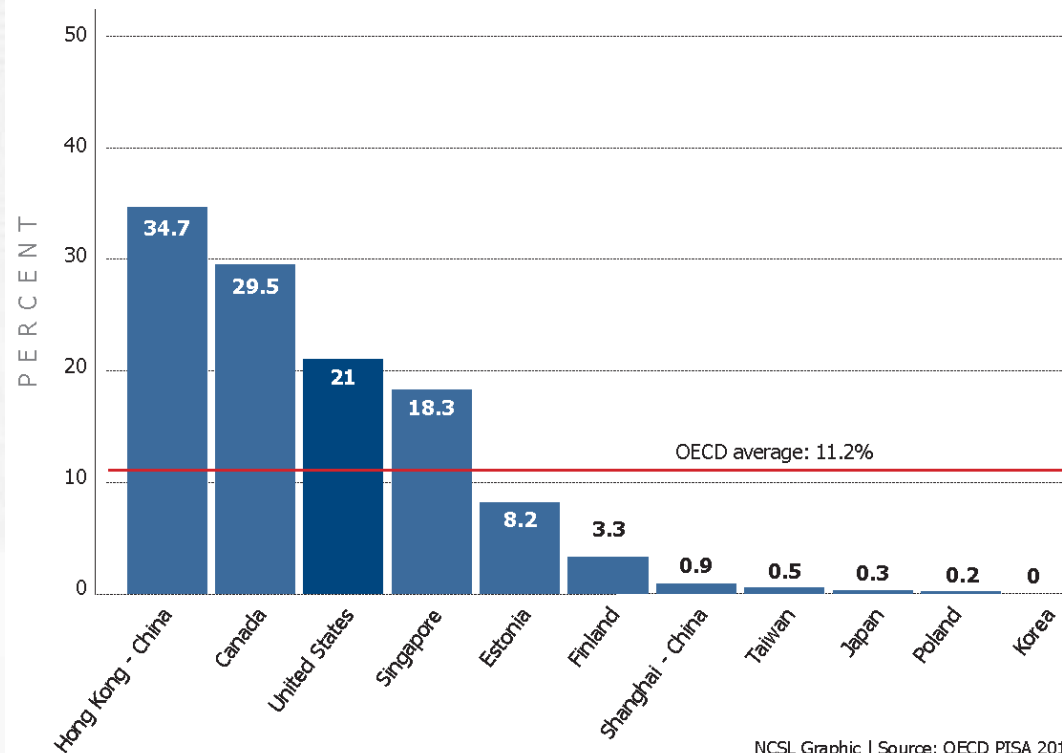
NCSL Graphic | Source: OECD (2015), Education at a Glance 2015: OECD Indicators, OECD Publishing. <http://dx.doi.org/10.1787/eag-2015-en>, p. 48



Myth: US Cannot be Fairly Compared to World Class Education Systems

PERCENT OF STUDENTS WHO ARE IMMIGRANTS

Europe and Asia have experienced an upsurge in immigration over the past several decades, and Asian countries have significant cultural, linguistic, ethnic and religious diversity.



NCSL Graphic | Source: OECD PISA 2012



Common Element #1:

Children come to school ready to learn, and extra support is given to struggling students so that all have the opportunity to achieve high standards.



Common Element #2:

A world-class teaching profession supports a world-class instructional system, where every student has access to highly-effective teachers and is expected to succeed.



Common Element #3:

A highly-effective, intellectually rigorous system of career and technical education is available to those preferring an applied education.





Common Element #4:

Individual reforms are connected and aligned as parts of a clearly planned and carefully designed comprehensive system.



Action Steps for States (not US)

- ✓ **Build an Inclusive Team and Set Priorities.**
- ✓ **Study and Learn from Top Performers.**
- ✓ **Create a Shared Statewide Vision.**
- ✓ **Benchmark Policies.**
- ✓ **Get Started on One Piece.**
- ✓ **Work Through “Messiness.”**
- ✓ **Invest the Time.**





Urgent Call to Action: Begin Now, No Time to Lose!

“As state policymakers, it is our responsibility to provide our citizens with a world-class education. We cannot let another generation settle for anything less. Our future workforce, national defense, economic vitality and democratic foundation depend on our ability and willingness to get this done.

If we assemble the best minds in policy and practice, implement what we know works, and commit ourselves to the time, effort and resources needed to make monumental changes, we can once again be among the best education systems in the world. If they can do it, so can we. But there’s no time to lose.”



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Discussion Questions

- What most struck you today about the presentations?
- How does this conversation tie into the goal of improving NM's workforce and economy?
- Is these one of the 4 elements from the NCSL Study Group Report where you see the most work is needed?
- Which other policymakers eventually need to be involved in this work (after you complete your legislative study)?
- Which stakeholders need to eventually be included in this work (after you complete your legislative study)?

