



Partnership for  
Global Learning

# Schools for Tomorrow: Excellence, Equity and Innovation in a Global Age

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Asia Society

Ohio Second International  
Summit For Education  
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A. A Changing World Demands Changing Skills

B. Innovations in Schools: Becoming a Global School

C. State and National Policy: Putting the World into World-Class Education

# **A. A Changing World Demands Changing Skills**

# The Next Economy is

## A Science and Knowledge Economy

- *need scientific and technological literacy*

## A Resource-Challenged Economy

- *need critical thinking about sustainable economies*

## A Globally Interdependent Economy

- *global competence is a core competence*

## A Demographically Diverse Economy

- *requires cross-cultural leadership skills*

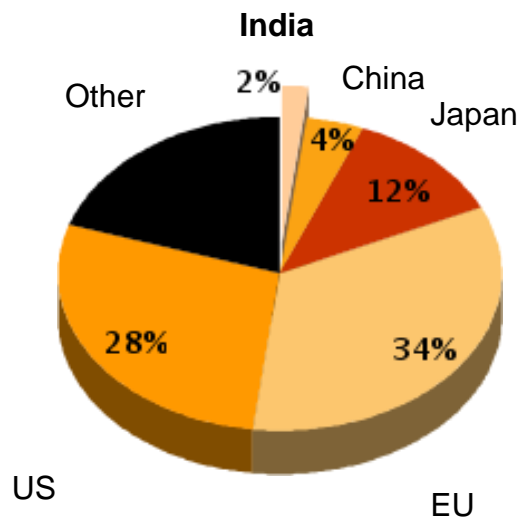
## An Innovation-Driven Economy

- *requires students who can learn how to learn and adapt to rapid change*

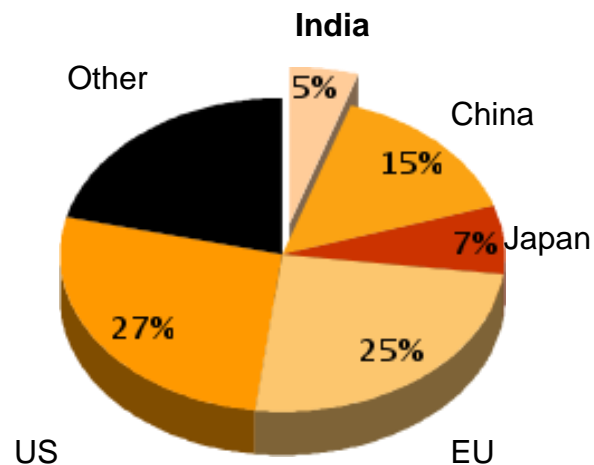
# Economic Trends

## Percentage of World GDP

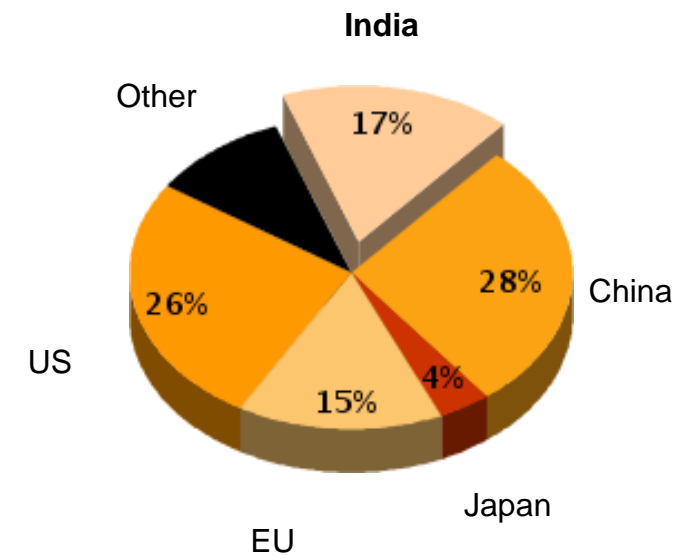
2004



2025



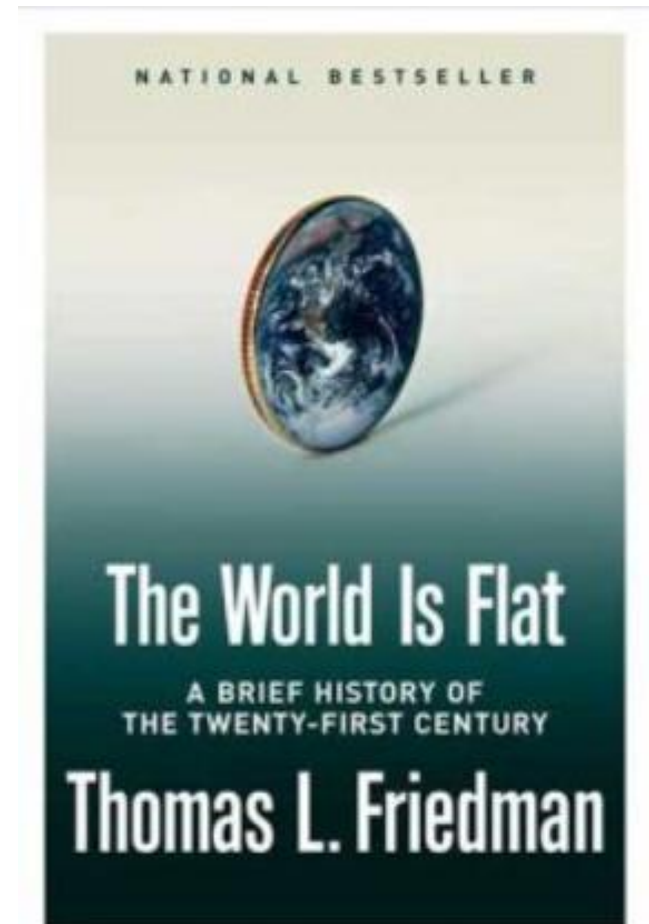
2050



Source: Keystone India

# Technology Trends

- “The World is Flat”  
Tom Friedman.
- Wiring of world from 1998 on means that much work can be done anywhere. 24/7 global production teams.

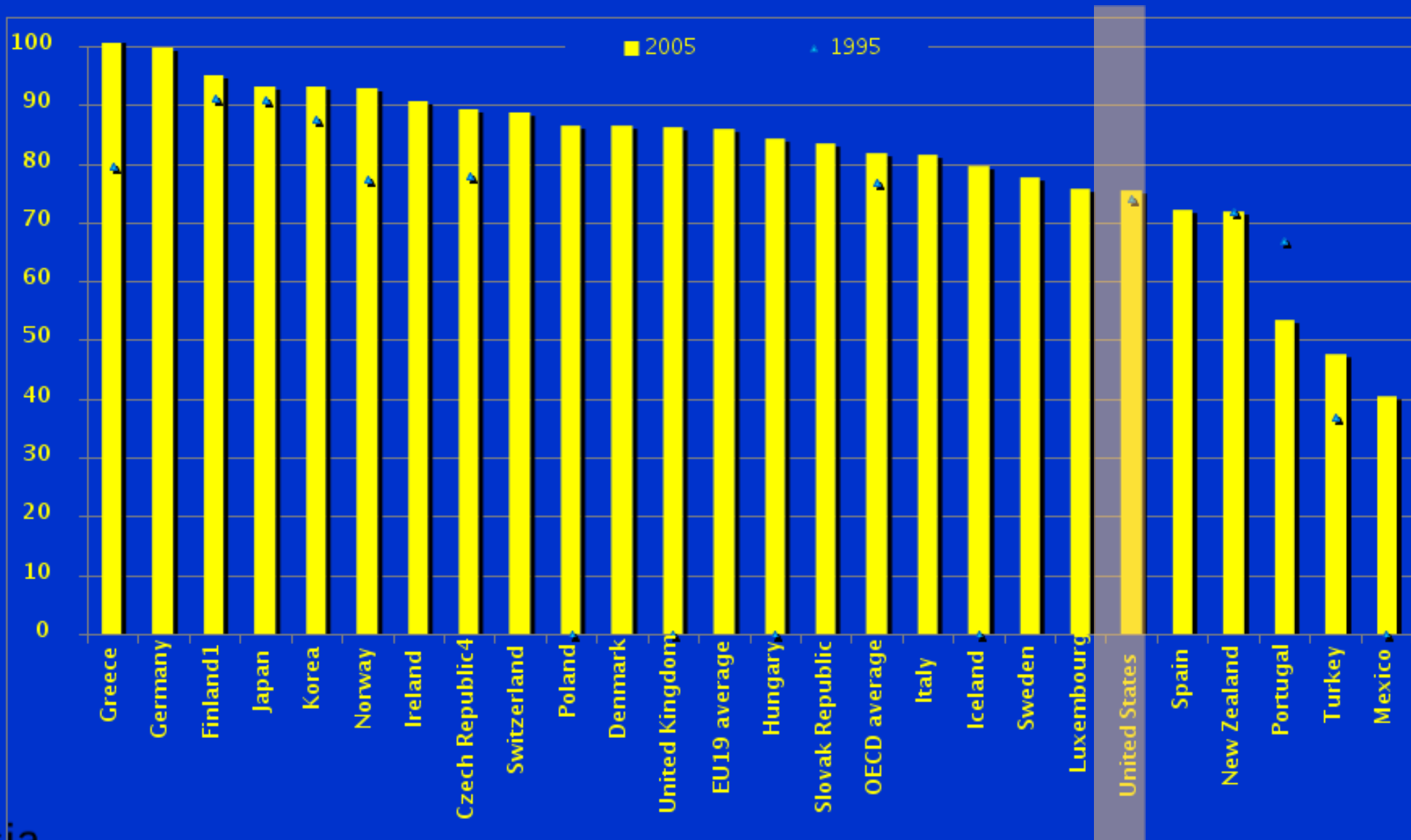


# Education Trends

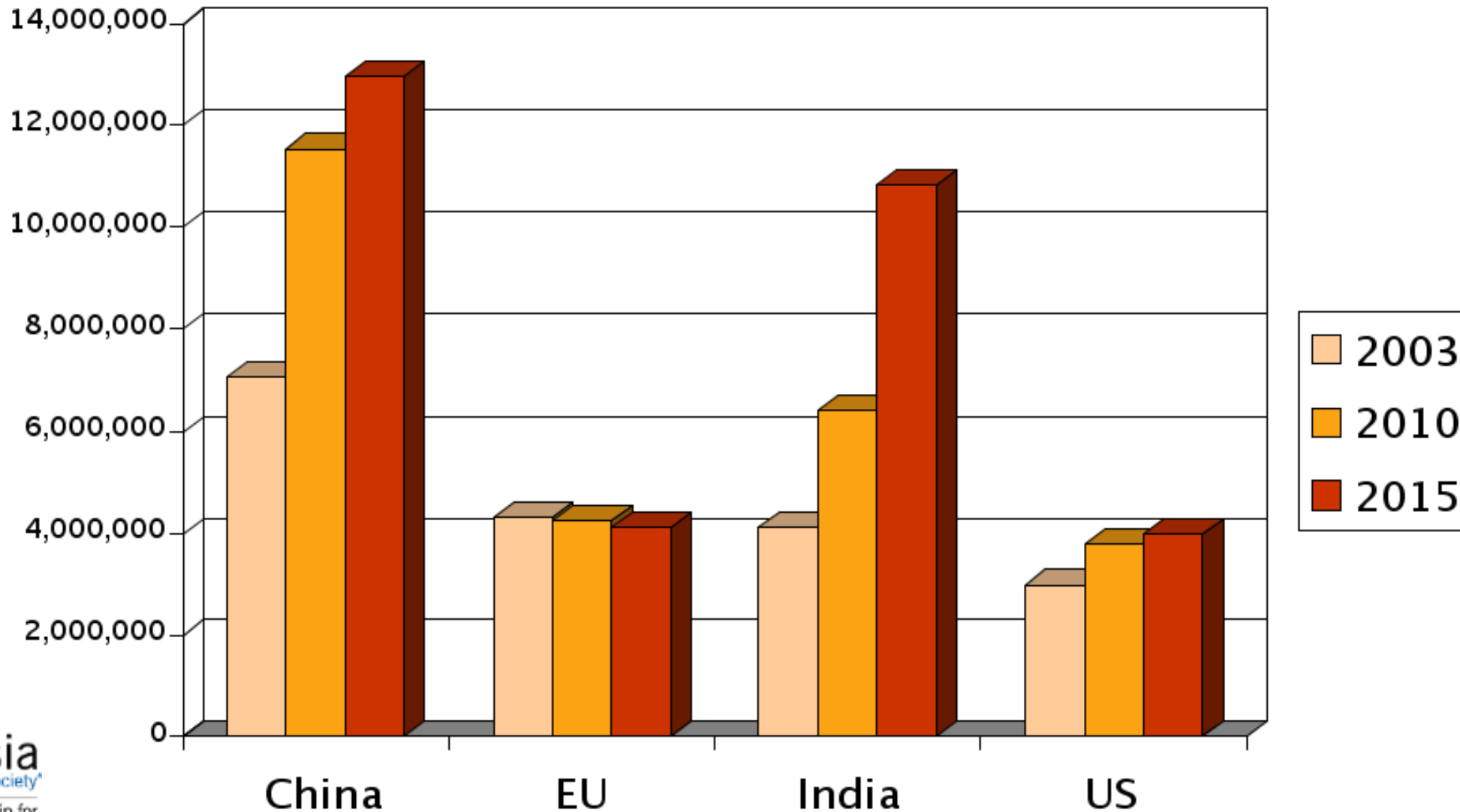
- Growing global talent pool



# Secondary School Graduation

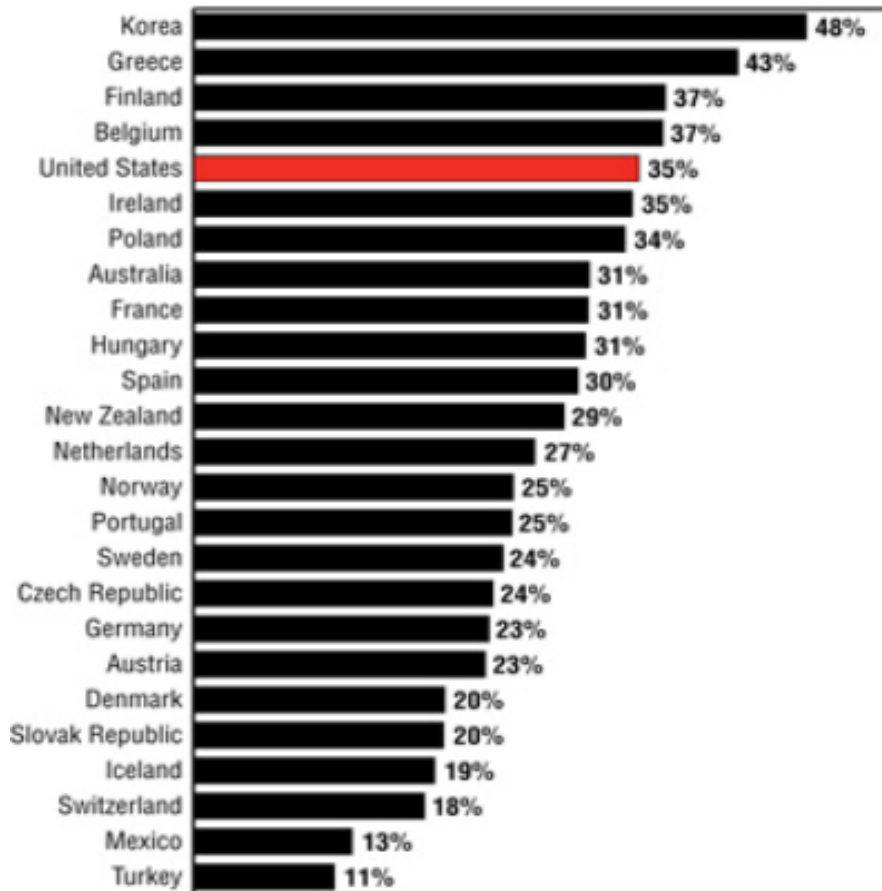


# Future supply of high school graduates

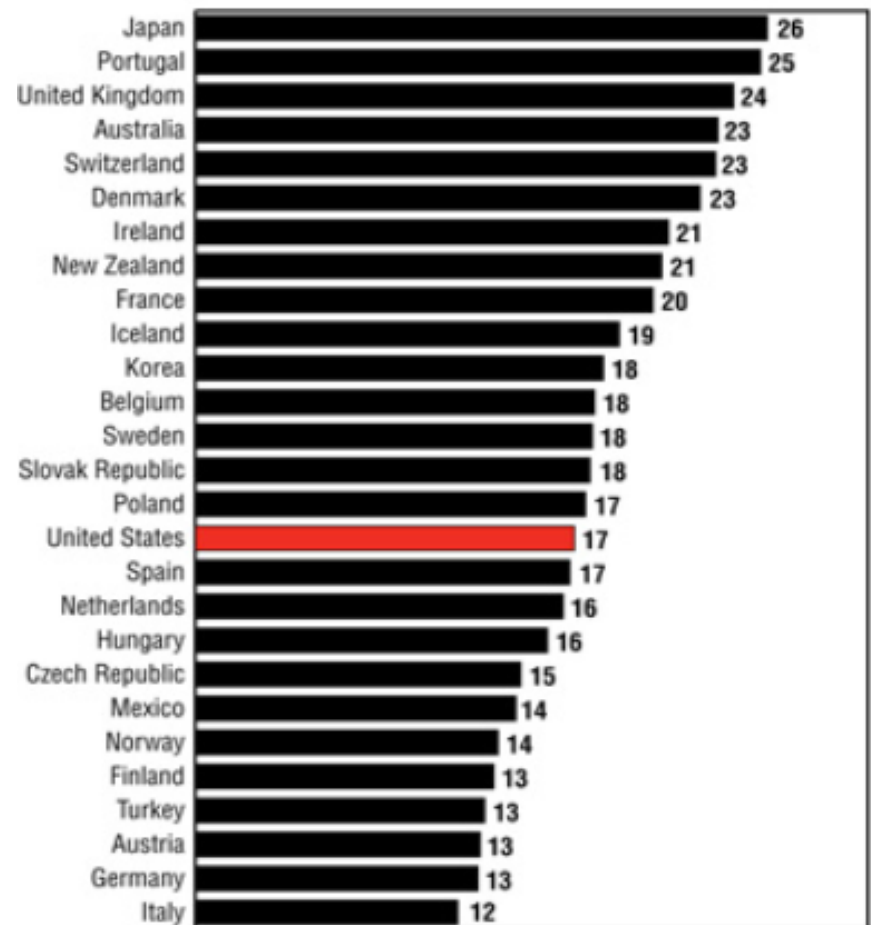


# College Graduation

## College Participation



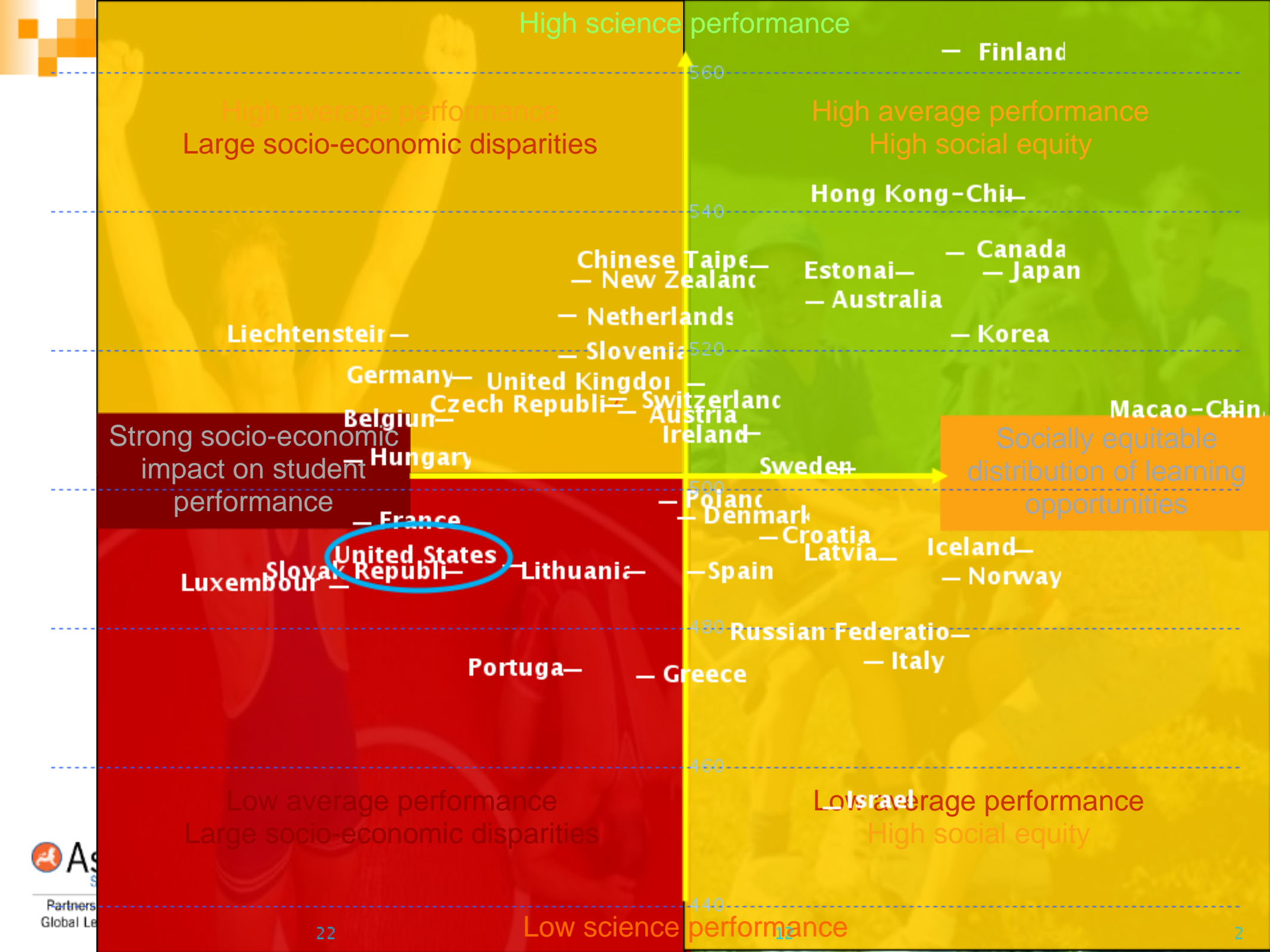
## College Completion



**Quantity:** The U.S. is a leader in young adults (age 18-24) who are enrolled in college, but ranks in the bottom half of college completion.

# Performance of 15-Year-Olds in Math, Science and Reading

Mathematics (2006)			Science (2006)			Reading (2003)		
Rank		Score	Rank		Score	Rank		Score
1	Finland	548	1	Finland	563	1	Finland	543
2	Korea	547	2	Canada	534	2	Korea	534
3	Netherlands	531	3	Japan	531	3	Canada	528
4	Switzerland	530	4	New Zealand	530	4	Australia	525
5	Canada	527	5	Australia	527	5	New Zealand	522
6	Japan	523	6	Netherlands	525	6	Ireland	515
7	New Zealand	522	7	Korea	522	7	Sweden	514
8	Belgium	520	8	Germany	516	8	Netherlands	513
9	Australia	520	9	United Kingdom	515	9	Belgium	507
10	Denmark	513	10	Czech Republic	513	10	Norway	500
11	Czech Republic	510	11	Switzerland	512	11	Switzerland	499
12	Iceland	506	12	Austria	511	12	Japan	498
13	Austria	505	13	Belgium	510	13	Poland	497
14	Germany	504	14	Ireland	508	14	France	496
15	Sweden	502	15	Hungary	504	15	United States	495
16	Ireland	501	16	Sweden	503	16	Denmark	492
17	France	496	17	Poland	498	17	Iceland	492
18	United Kingdom	495	18	Denmark	496	18	Germany	491
19	Poland	495	19	France	495	19	Austria	491
20	Slovak Republic	492	20	Iceland	491	20	Czech Republic	489
21	Hungary	491	21	United States	489	21	Hungary	482
22	Luxembourg	490	22	Slovak Republic	488	22	Spain	481
23	Norway	490	23	Spain	488	23	Luxembourg	479
24	Spain	480	24	Norway	487	24	Portugal	478
25	United States	474	25	Luxembourg	486	25	Italy	476
26	Portugal	466	26	Italy	475	26	Greece	472
27	Italy	462	27	Portugal	474	27	Slovak Republic	469
28	Greece	459	28	Greece	473	28	Turkey	441
29	Turkey	424	29	Turkey	424	29	Mexico	400
30	Mexico	406	30	Mexico	410			
	OECD average	498		OECD average	500		OECD average	494



# Global Challenges

- Our challenges are international – global health, global warming, energy/water, terrorism
- Demands ability to collaborate across cultures and borders

# In the 21st century students will be:

- Selling to the world
- Buying from the world
- Working for international companies
- Managing employees from other countries and cultures
- Competing with people on the other side of the world for jobs and markets
- Cooperating with people all over the world in joint ventures and global work teams
- Solving global problems such as AIDS, avian flu, environmental problems, and resolving conflicts

# Three Challenges for U.S. Education

- Raise level of high school graduation and college graduation.
- Increase excellence in math and science.
- Develop global knowledge and skills.

# **B. Innovations in Schools: Becoming a Global School**

# Innovations in Schools

- **John Stanford International School**



- Public K-5 bilingual immersion school in Seattle
- Students spend half day studying math, science, culture and literacy in either Japanese or Spanish; the other half of the day is spent learning reading, writing and social studies in English
- Partnerships with local offices of multinational businesses
- Offers ESL courses for children and after-school courses for their parents
- Seattle now plans 10 internationally focused schools

# Innovations in Schools

- **Walter Payton College Prep High School**

- Diverse school in Chicago
- Every student takes 4 years of language (Chinese, Japanese, Latin, French and Spanish)
- Partnerships with schools in China, France, North Africa, Japan, Switzerland, Chile, Italy and South Africa. (Videoconferences, homestays, sister schools)



# Creating a Global Vision and Culture

- Do your school mission statement, graduate profile, and graduation requirements focus on preparing students for the interconnected world of the 21st century?



# Recruiting and Preparing Internationally-oriented Teachers



- Recruitment
- Universities
- Travel programs
- School visits



# Transforming Curriculum and Instruction by Integrating International Content

- Science
- Arts
- Language Arts

# Emphasize Effective Language Learning

- Early Start
- Proficiency
- Create opportunities for cultural interaction
- Develop content-based learning



# Harness Technology

- Tap global sources
- Online courses
- Classroom-to-classroom collaborations
- Publish on Web



# International Travel and Partnerships



# Resources and Community Partnerships

- **Universities and colleges**
- **Businesses**
- **Cultural groups**



# International Studies Schools Network

- ISSN is a national network of design-driven public schools that are achieving success in attaining their core mission: to develop globally competent, college-ready high school graduates.
- The network currently includes 18 schools in urban and rural communities in 6 states.
- Schools serve students in grades 6-12 or 9-12.
- 85% of all students are minorities and 74% are from low-income families.



Asia Society International  
Studies Schools Network  
*Preparing Students for Success in the 21st Century*

# International Studies Schools Network

- Across grade levels and core subject areas ISSN schools achieved at higher levels in 85% of comparisons to schools with similar demographic profiles within the same school district.
- In June, 2009, eight ISSN schools had graduating classes. Across the network, **the average graduation rate was 92% and the college going rate was 94%**, of which over 70% went to four-year colleges or universities.

# **C. State and National Roles: Putting the World into World- Class Education**

# Innovations in States

**21** states developed **Task Forces** and **Statewide Summits** to assess global education

**12** states issued **state reports/action plans**

**12** states introduced **state legislation**

**7** states created **international secondary school** models

**15** created new education **partnerships with China** and other countries and many have official exchange programs for students and teachers

**6** states initiated **early language programs** or expanded **world language requirements**

**17** states **new professional development** institutes

**8** states appointed **international education coordinators**



Putting the World into  
World-Class Education:  
State Innovations and Opportunities



Asia  
SOCIETY

# Ohio: Progress

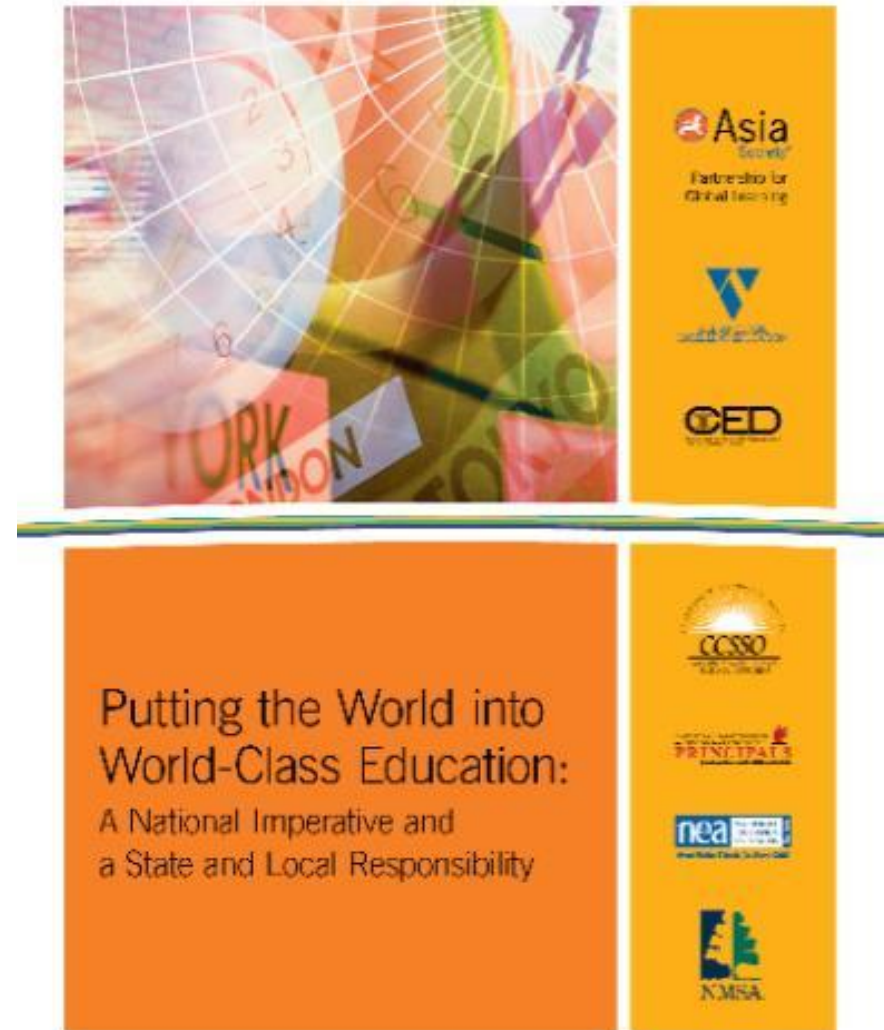
- Think Global Ohio website
- International benchmarking of standards
- Global Institute for teachers
- Chinese language initiatives and Languages Roadmap
- Connecting Ohio classrooms to the world
- Internationalizing afterschool programs
- Awarded Goldman Sachs Prize for Excellence in International Education

# Ohio: Next Steps

- Curriculum examples
- Assessing students' global knowledge and skills
- Internationalize teacher preparation programs
- Develop supply of world language teachers
- Internationally themed schools

# National

- A new role for ESEA:
  - Move America forward towards a world-class education system that prepares every student for work and citizenship in a global era.



# D. Resources

# Asia Society Guidebooks

