

MORE STUDENT SUCCESS



Why, Who, and How?

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President, State Higher Education Executive Officers

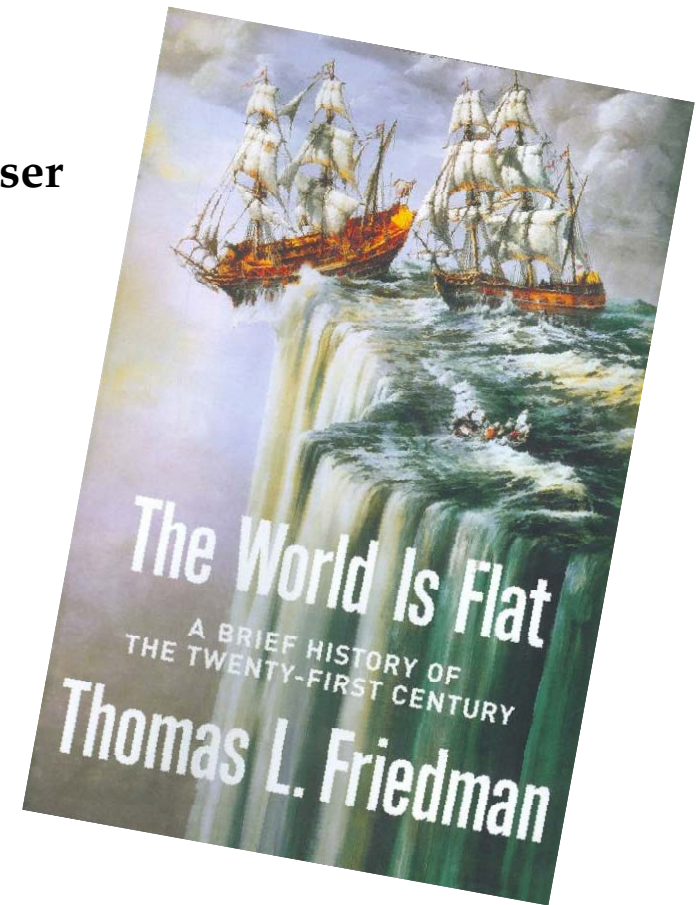
University of Colorado
Denver, Thursday, February 12, 2009

Aspirations of High School Sophomores

- ◆ **72% - At least a baccalaureate degree**
- ◆ **36% - A graduate or professional degree**
- ◆ **10% - Some postsecondary education**
- ◆ **8% - No postsecondary education**
- ◆ **10% - Don't know**

Forces Flattening the Global Playing Field

- Fall of Berlin Wall
- First Mainstream Web Browser
- Work Flow Software
- Open Sourcing
- Outsourcing
- Offshoring
- Supply-chaining
- Insourcing
- In-forming
- “The Steroids” Wireless Mobile Digital Communication



The Price of American Workers

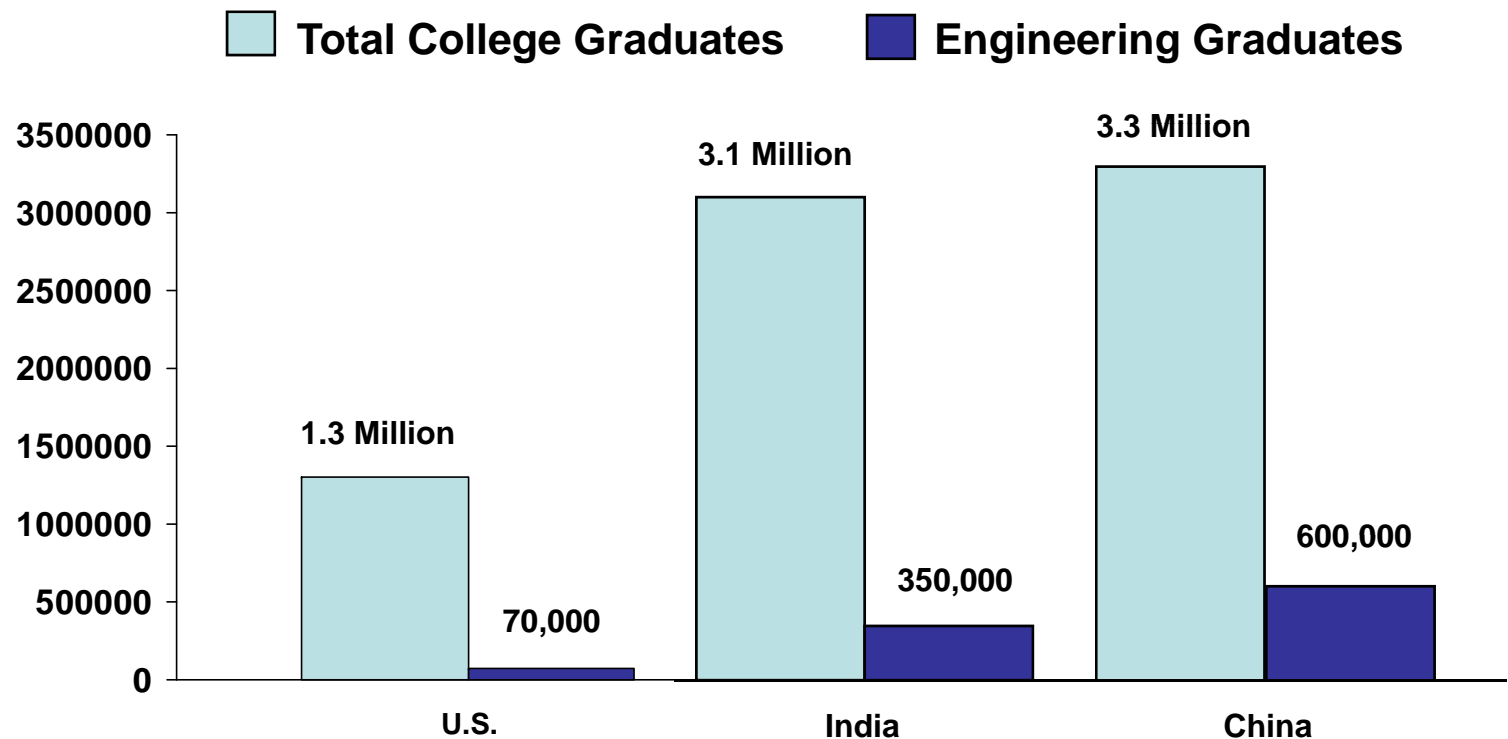
American (and Western European) workers are the most expensive in the world.

What will it take for them to be worth what they cost?

They must be the best educated in the world.

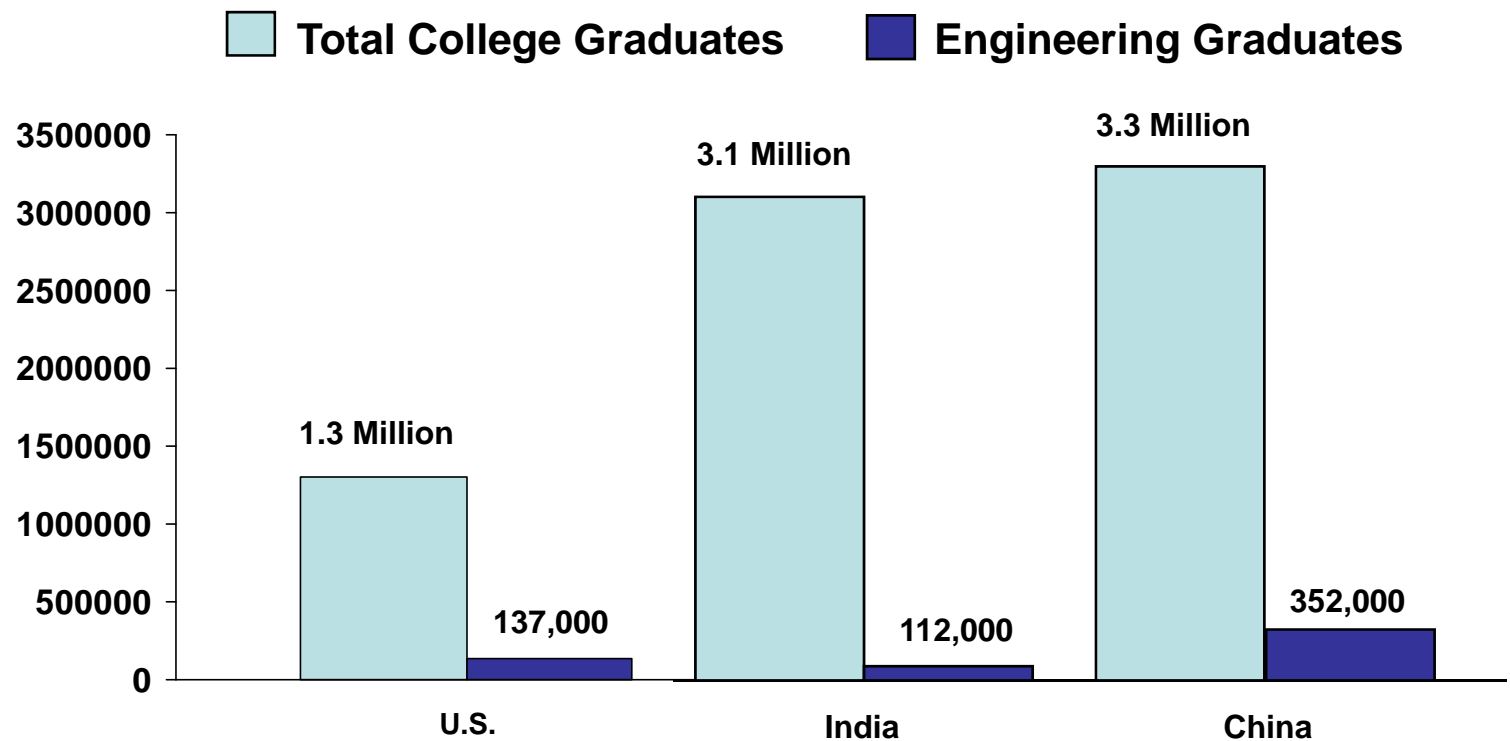
College Graduates: U.S., India, and China

College graduates this year:

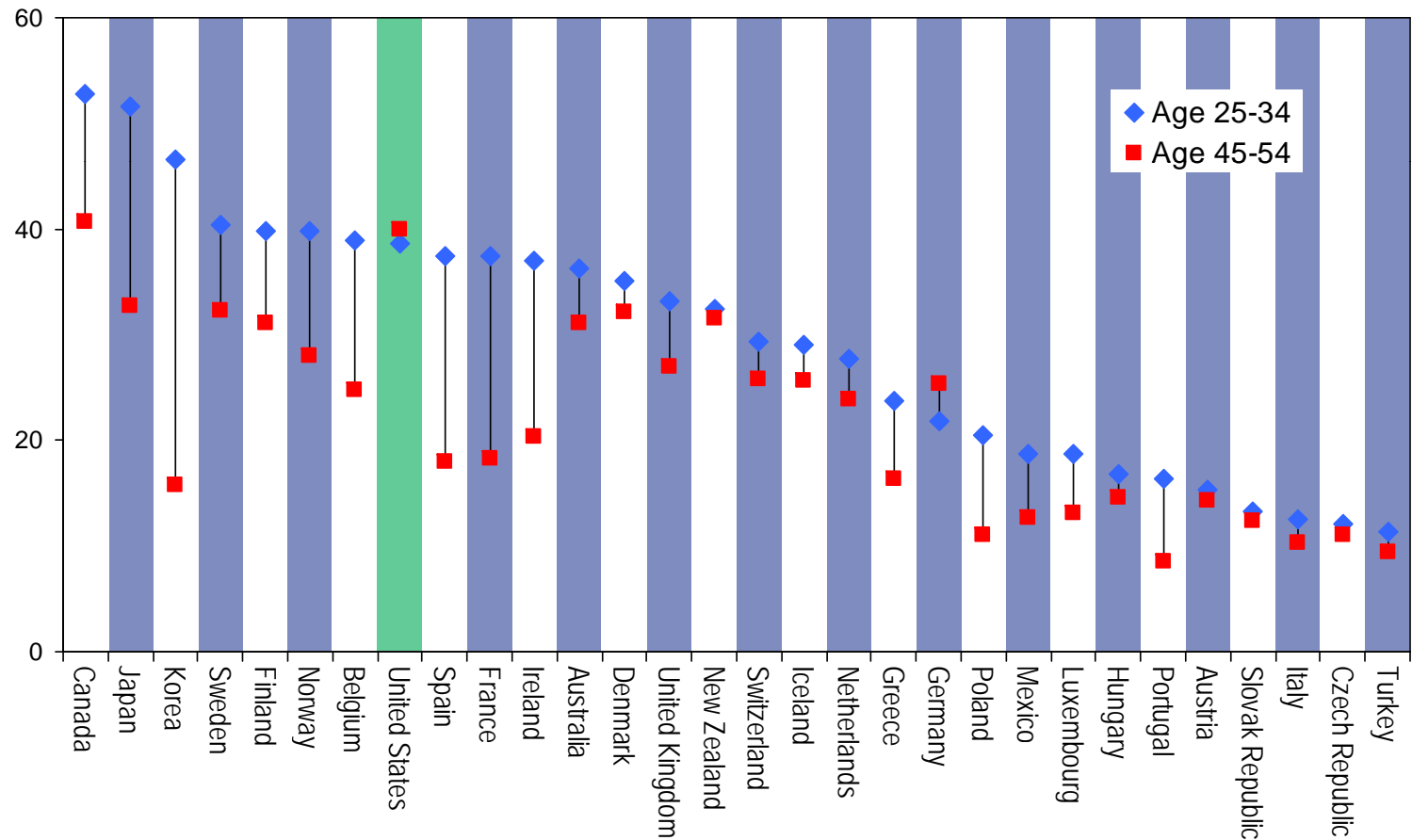


College Graduates: U.S., India, and China

REVISED DATA : 4 year degrees

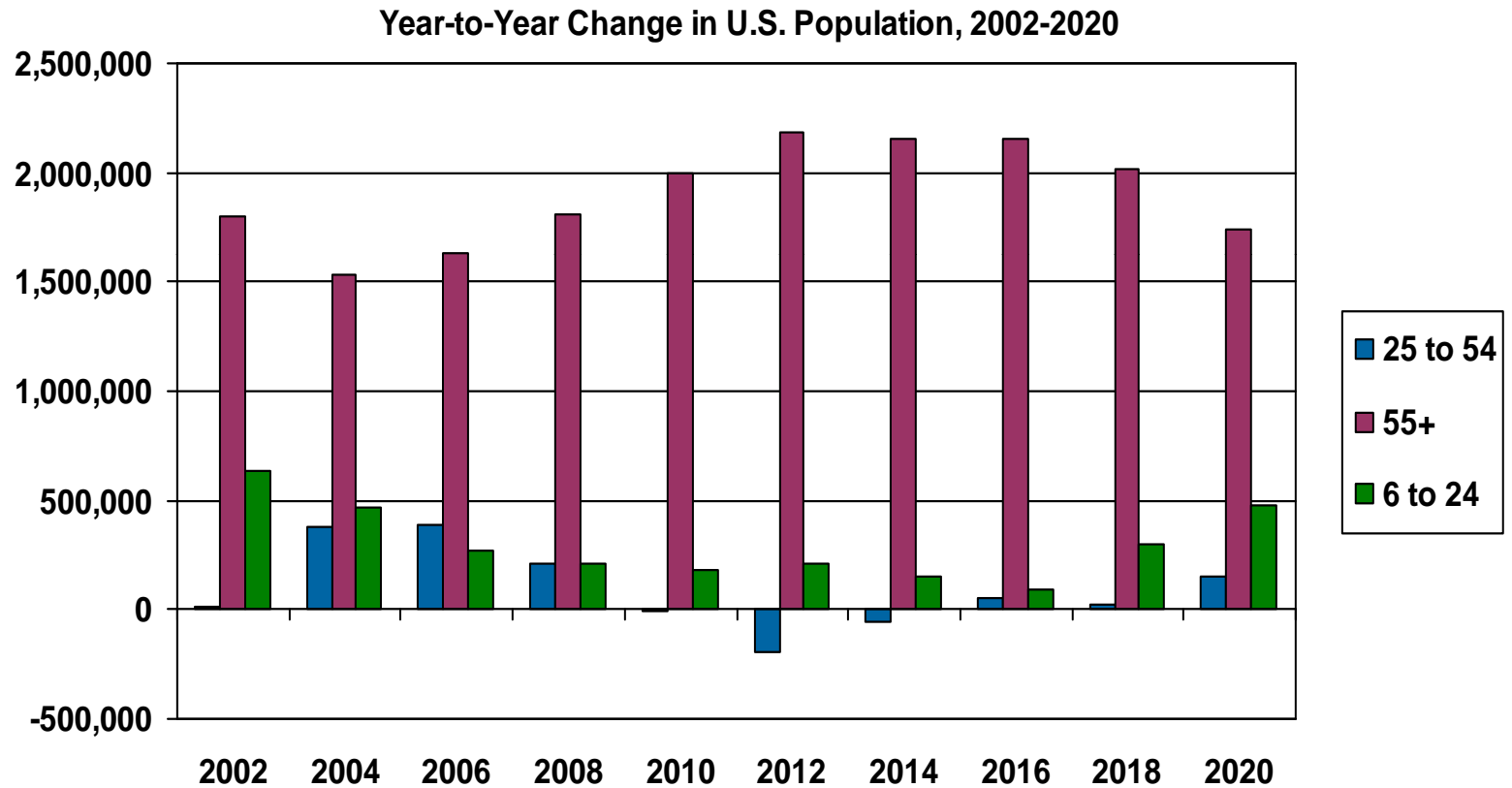


Differences in College Attainment (Associate and Higher) Between Young and Older Adults – U.S. and OECD Countries, 2004



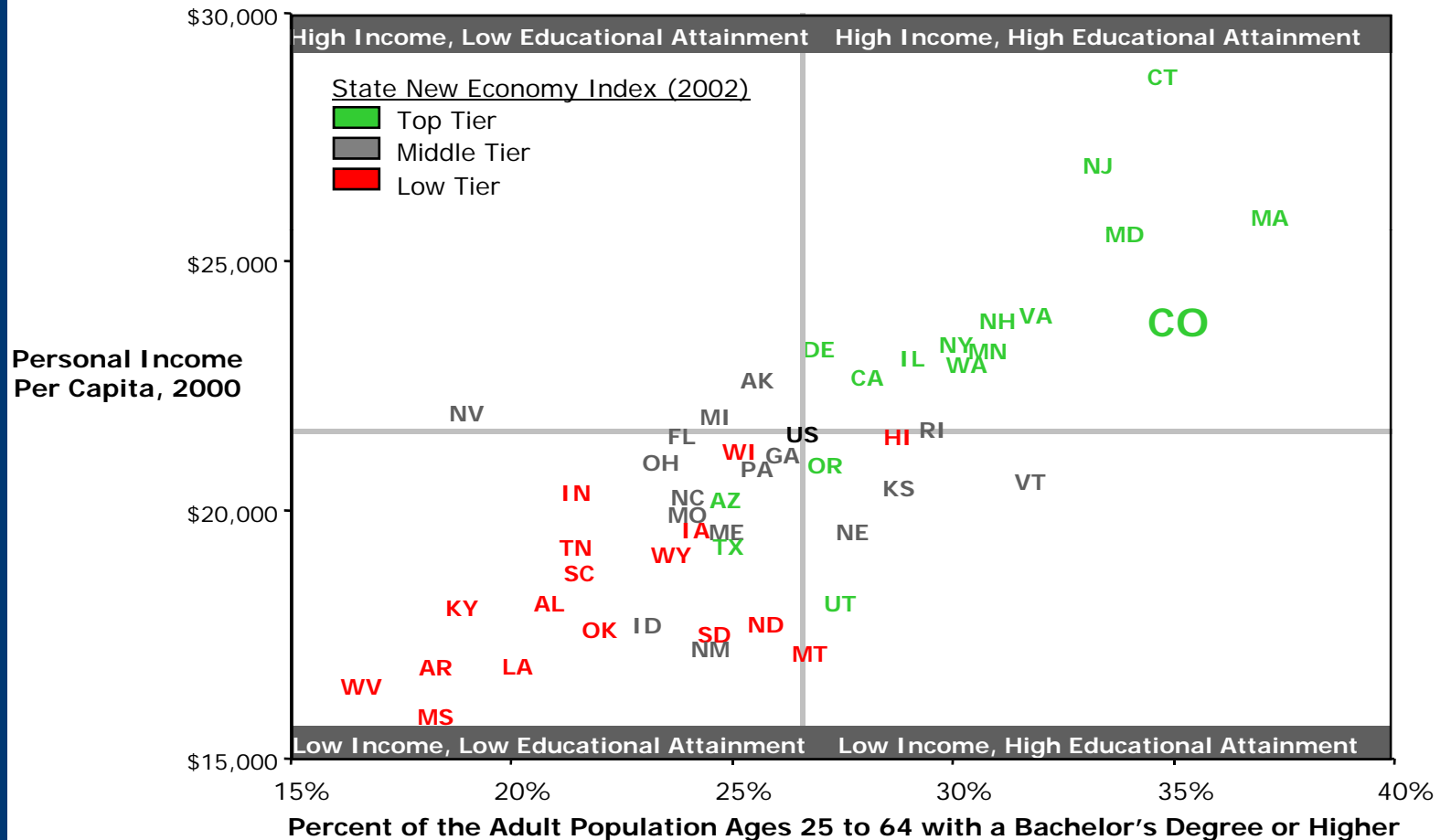
Source: NCHEMS using Organisation of Economic Cooperation and Development (OECD).

The Aging U.S. Workforce



Fifty State View: Education and Prosperity

Educational Attainment, Personal Income, and Economic Strength



To be second to none in degree attainment by 2025 requires 16 million more degrees

Assumptions for traditional students:

- Increase current **high school graduation rate** by 10 percentage points
- Increase current **college going rate** by 10 percentage points
- Increase current **college graduation rates** by 10 percentage points

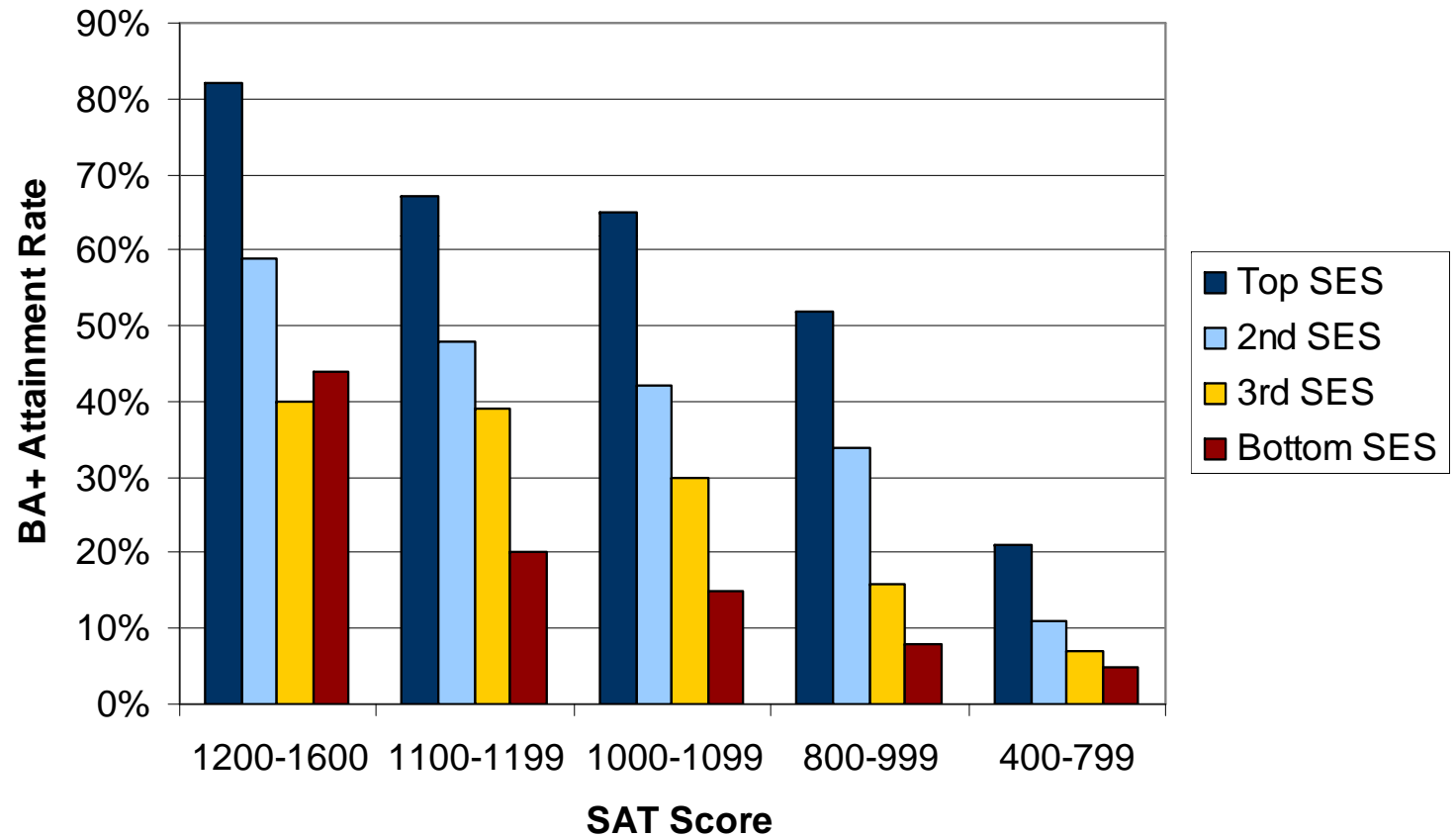
16 Million More Degrees by 2025: Colorado's Share

- **1.1 million more degrees from traditional aged students**
- **2.4 million more degrees from adult learners by increasing successful re-entry to higher education**

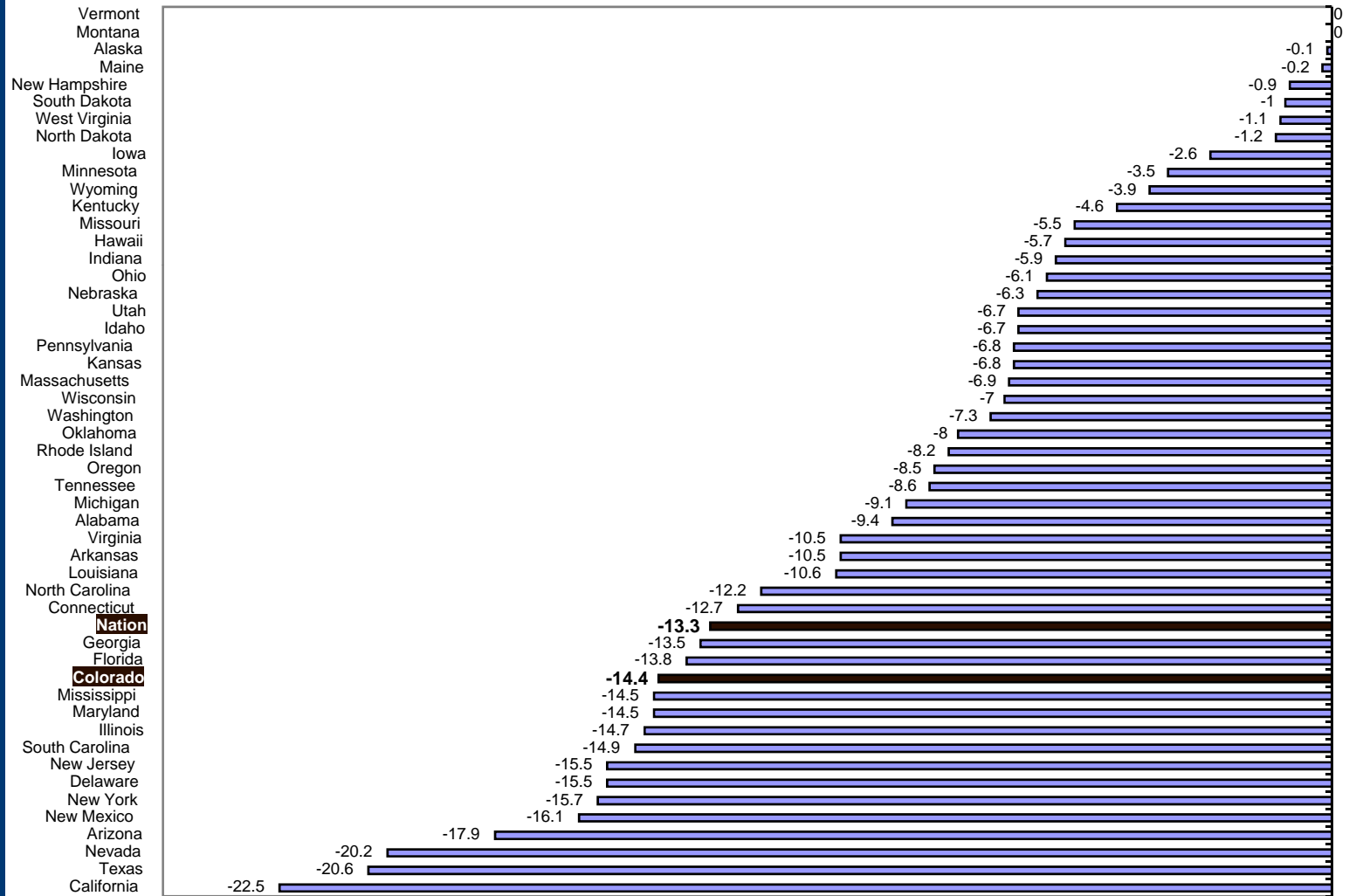
College Participation by Socioeconomic Status

College Participation By Achievement Test and Socioeconomic Status Quartile		SES Quartile	
		Lowest	Highest
Achievement Quartile	Highest	78%	97%
	Lowest	36%	77%

Degree Attainment by SAT Scores and Socioeconomic Status

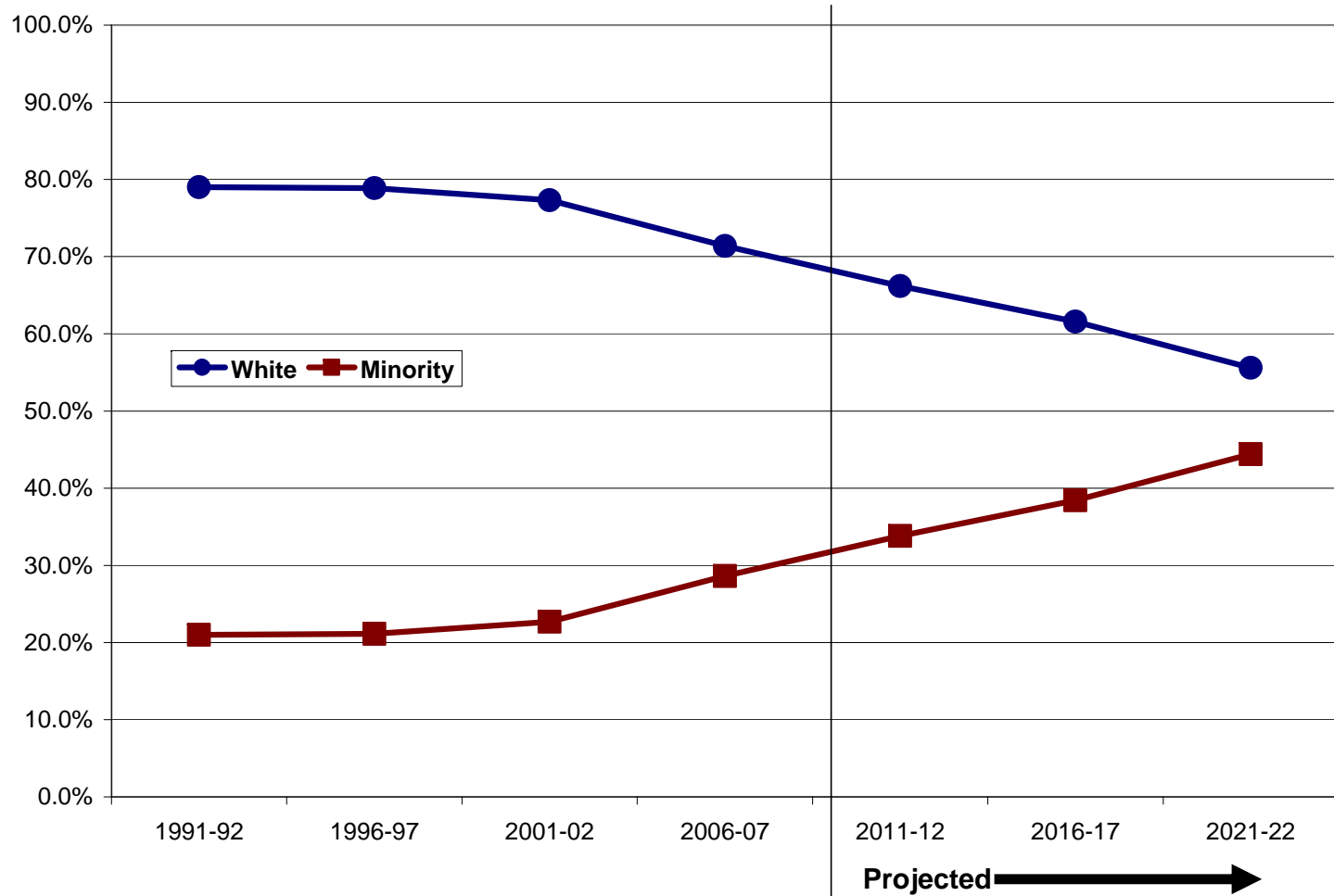


Change in the Representation of African-Americans and Hispanics from High School to College Completion



Source: NCHEMS using U.S. Census Bureau—18 year olds by race, NCES-CCD—HS graduates by race, NCES-IPEDS Fall Enrollment Survey—First-time freshmen by race and all other undergraduates by race, NCES-IPEDS Completions Survey—Completions by race, 2000.

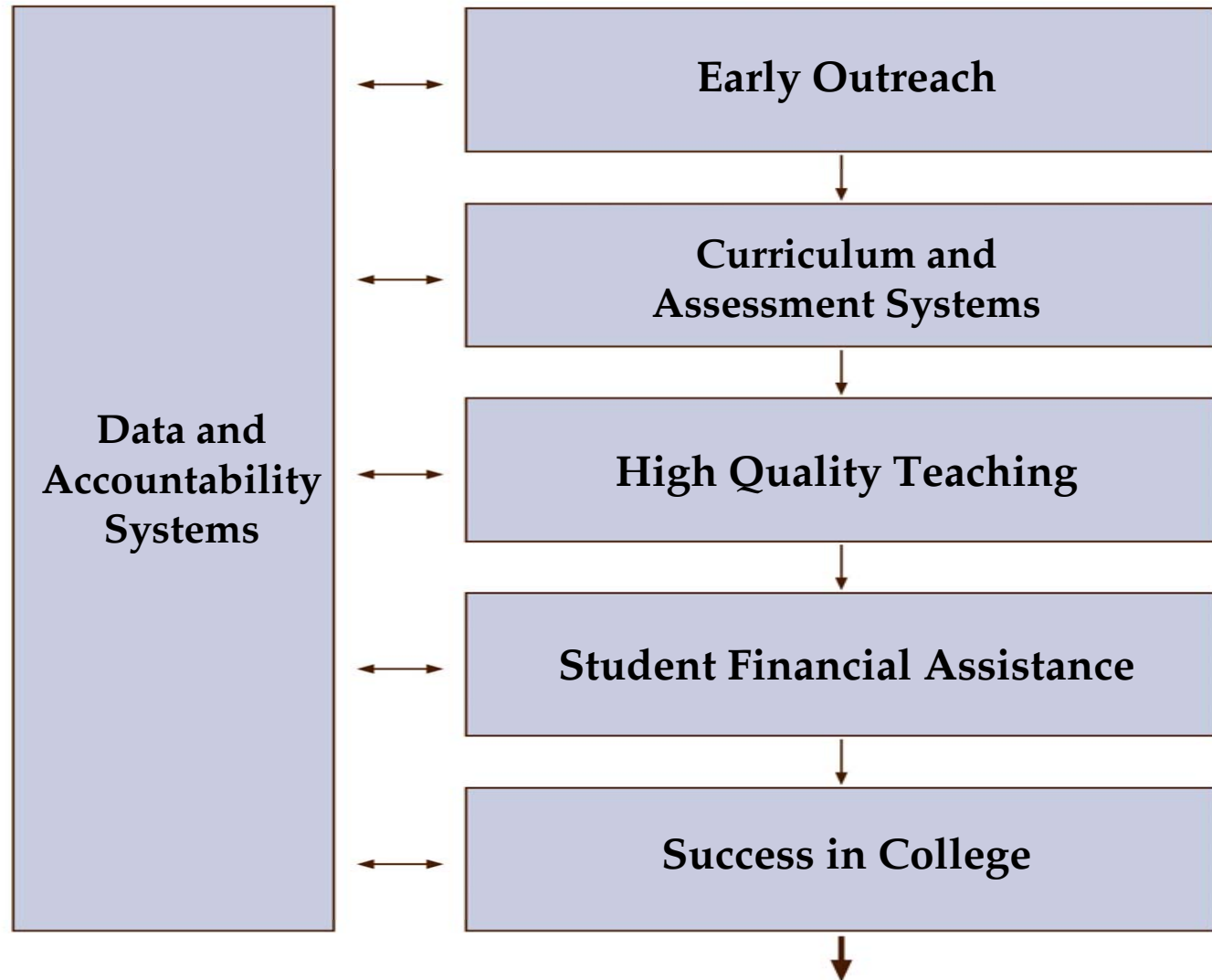
Composition of Colorado Public High School Graduates by Race/Ethnicity



What is required?

- ◆ **Double the degree production of the 1960s with no compromise on quality**
- ◆ **Achieve equal college participation and success rates at every level of SES and academic ability**
- ◆ **Increase educational expectations and attainment for average ability students**

A Systemic Solution for . . .



... More Student Success

A Systemic Solution for More Student Success

Early Outreach

High school curriculum and assessment systems

K-12 teachers

Student financial aid

Postsecondary teaching and learning environments

Data and accountability systems

Early outreach must raise aspirations, provide critical information, and prepare students for success in high school and beyond.

A Systemic Solution for More Student Success

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High school curriculum and assessment systems must be aligned with the requirements for success in postsecondary education and work.

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K-12 teachers must be well-prepared – masters of content and skillful in managing classrooms, engaging students, and promoting learning.

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Student financial aid must remove barriers, reinforce aspirations, provide incentives, and enable students to focus on academic achievement.

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Postsecondary teaching and learning environments must foster the success of all students with high, attainable standards; communities of learners; and effective support systems.

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Data and accountability systems must monitor student progress throughout the system so policymakers and educators can improve their performance.

Open Letter to Presidential Candidates

<http://www.sheeo.org/>

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