2013 Higher Education Leadership Conference

Texas Higher Education Coordinating Board

Closing the Gaps by 2015

An Update on Progress Made

Deputy Commissioner David Gardner

November 2013

Trends in Texas Higher Education

- A growing **unskilled, under-educated population** that cannot meet the demands of a technology-based workplace.
- Average **household income** in Texas is **projected to decline by about $4,800** in constant dollars from 2010 to 2040 (lowering 2040 household income by about $92 billion).

Source: **Texas State Data Center**

By 2015, Close the Gaps in:

- ✓ **Participation**
- ✓ **Success**
- ✓ **Excellence**
- ✓ **Research**

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Participation

By 2015, increase enrollments by **630,000** more students.

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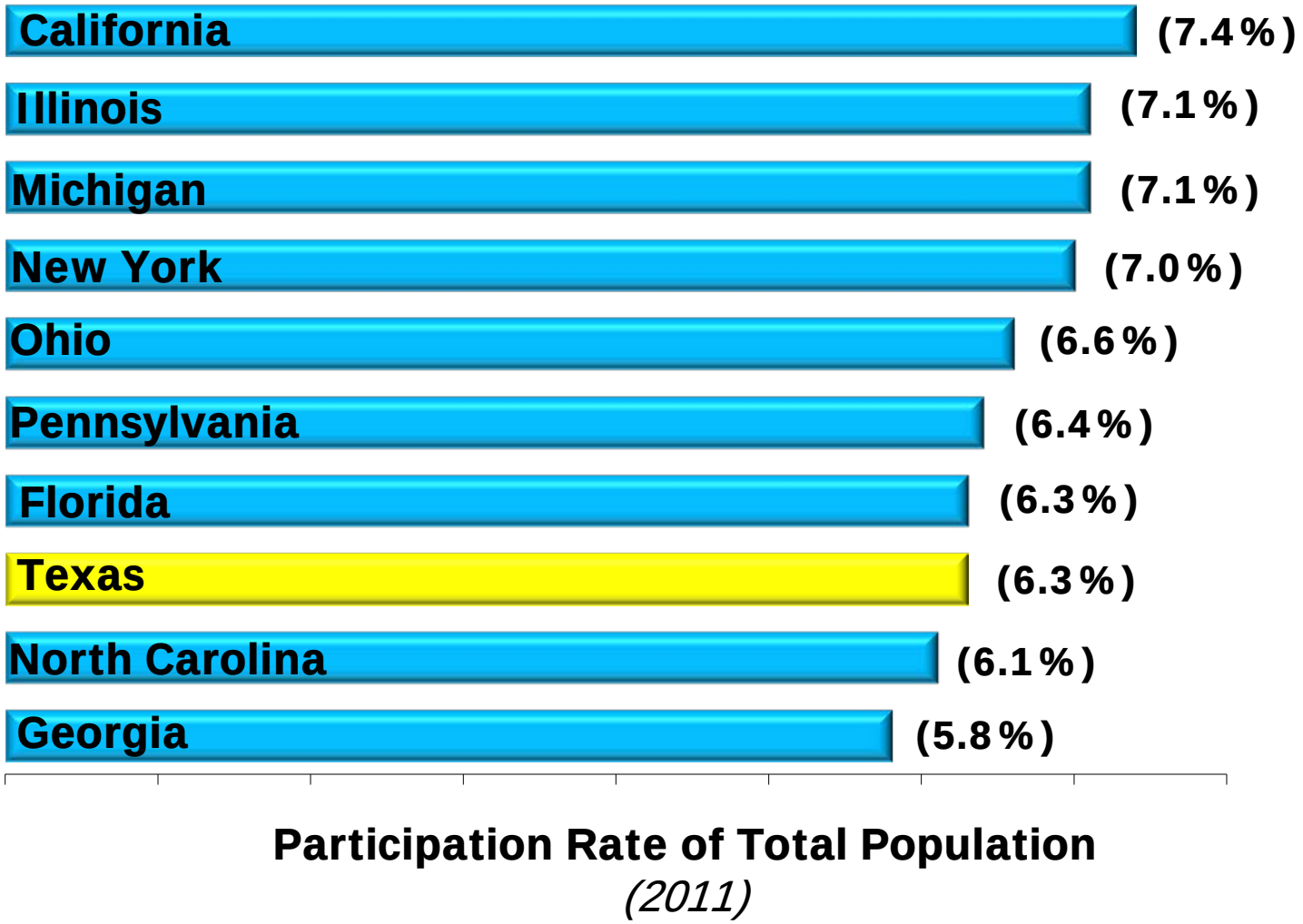
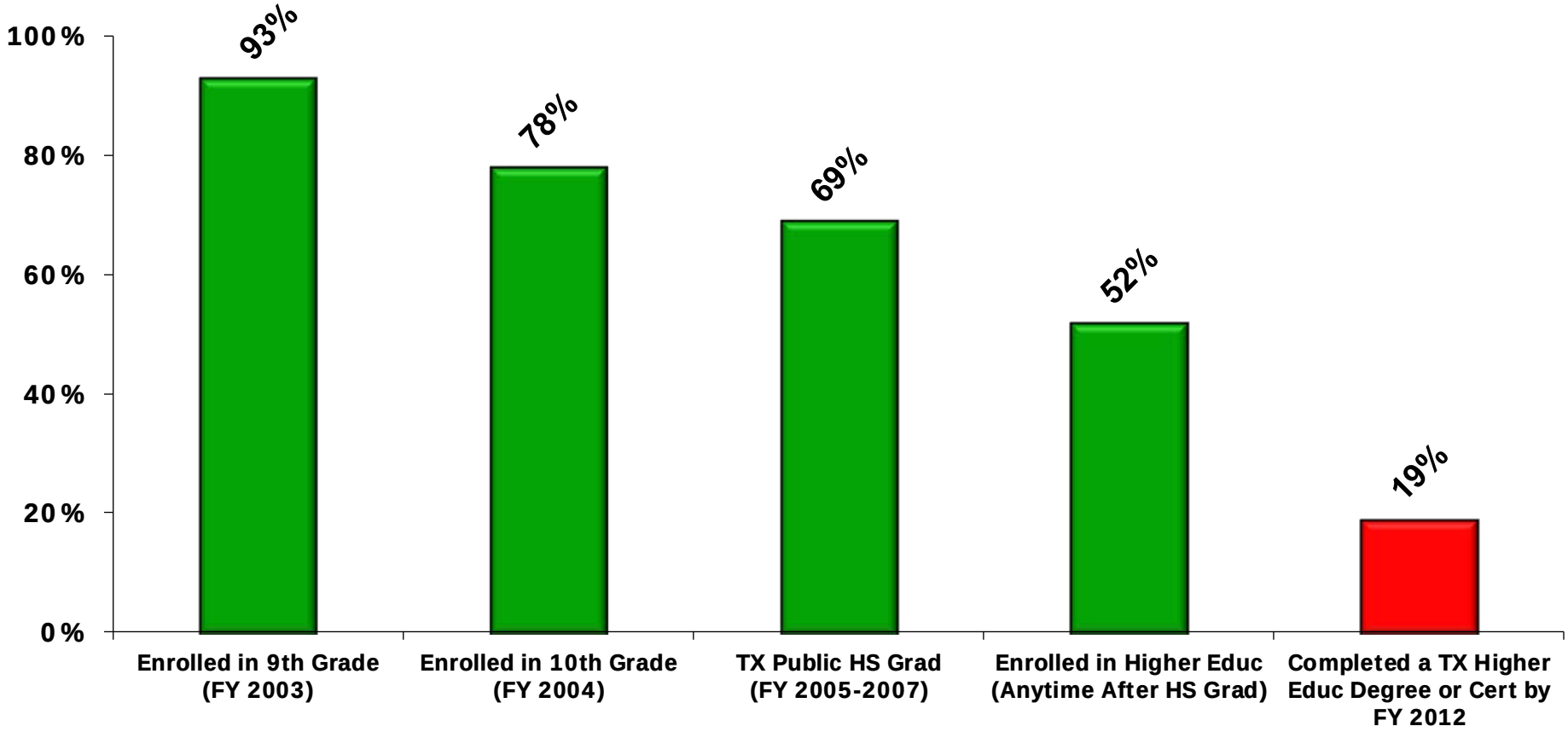
Texas participation rate has improved but **remains lower than other states**



Source: U.S. Dept. of Education and Census Bureau

The Statewide Pipeline Challenge



Source: **Texas Higher Education Coordinating Board, 8th Grade Cohort FY 2002**

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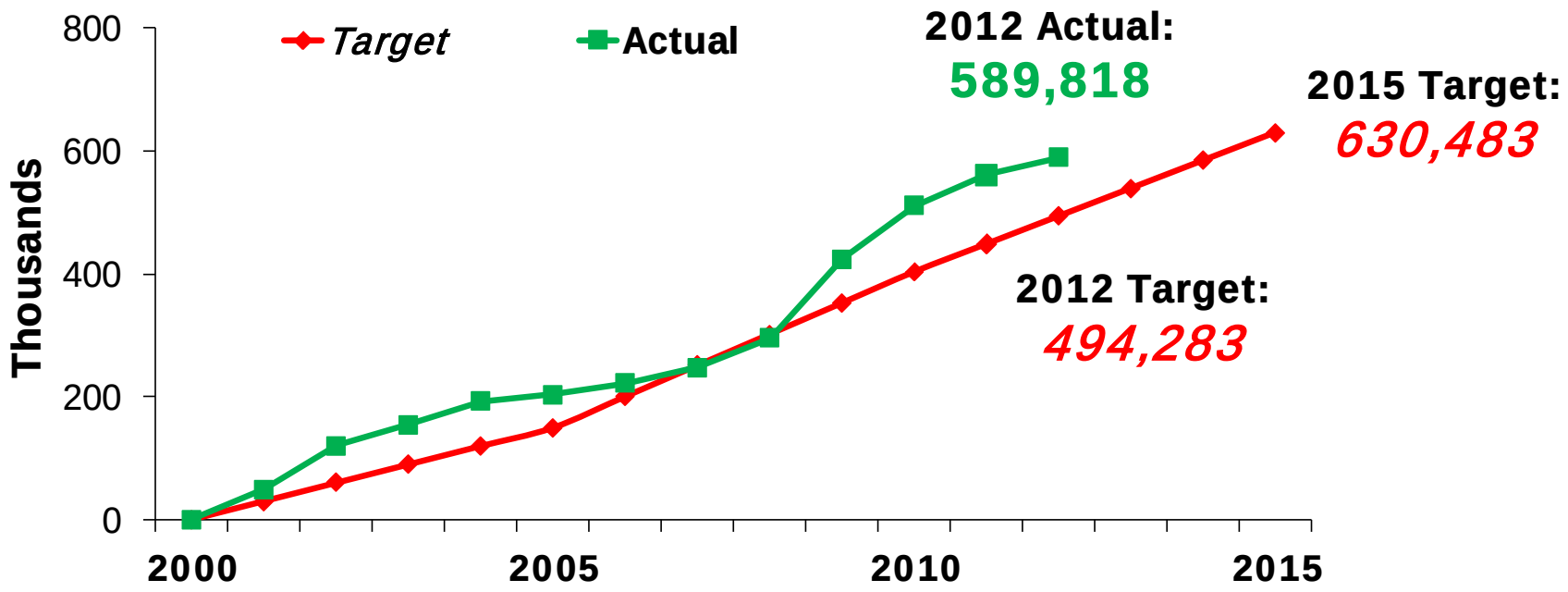
Participation has increased by nearly 590,000 **students**



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Growth was at Universities

	Preliminary Fall 2013 Total	Change From 2012	% Change
Public Universities	587,004	10,311	1.8%
Public Two-Year Colleges	730,129	-1,983	-.3%
All Health-Related	25,697	-242	-.94%
Independent Colleges & Universities	123,997	-138	-.11%
Total*	**1,466,585**	**7,948**	**.54%**

*Excludes career colleges.

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Decline in White and Hispanic enrollment is a concern

	Fall 2013 Preliminary	Change From 2012	% Change
White	600,752	-6,960	-1.15%
Hispanic	466,513	-3,562	-.76%
African American	184,382	1,576	.86%
Other	214,938	16,894	8.5%
Total*	**1,466,585**	**7,948**	**.54%**

* Excludes career colleges.

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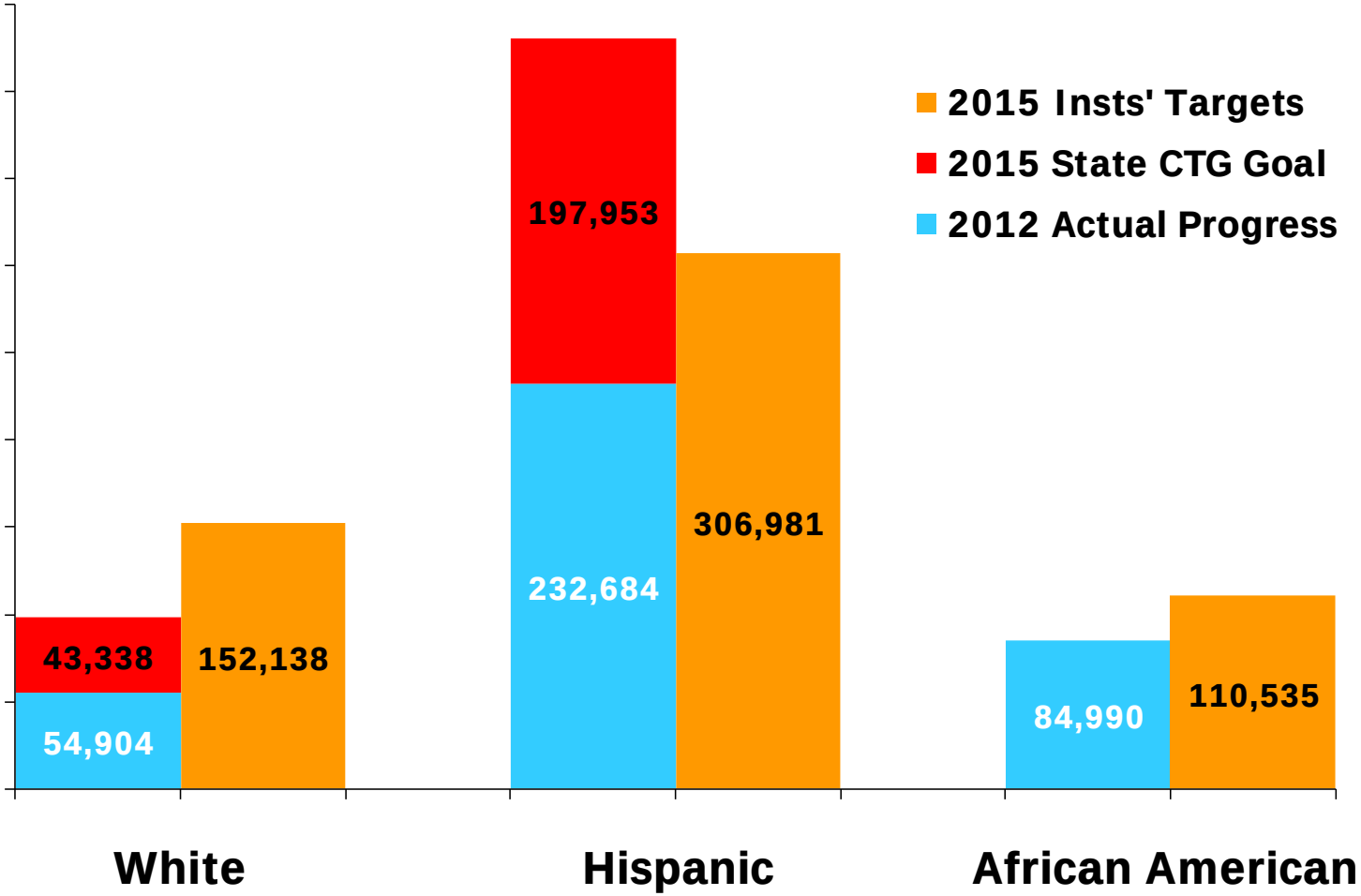
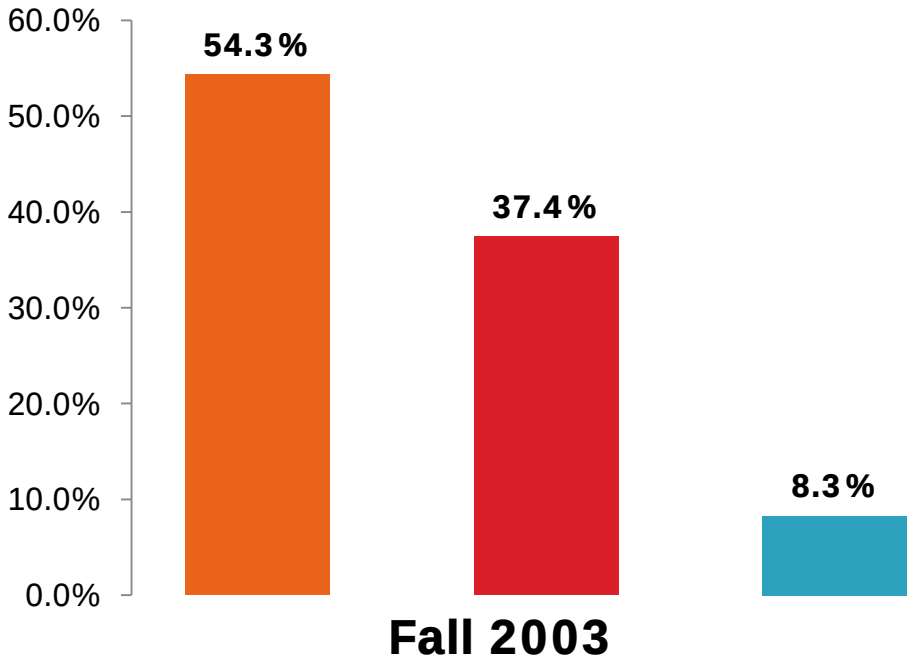
Texas **must accelerate progress** on Hispanic enrollment to meet 2015 goal for change

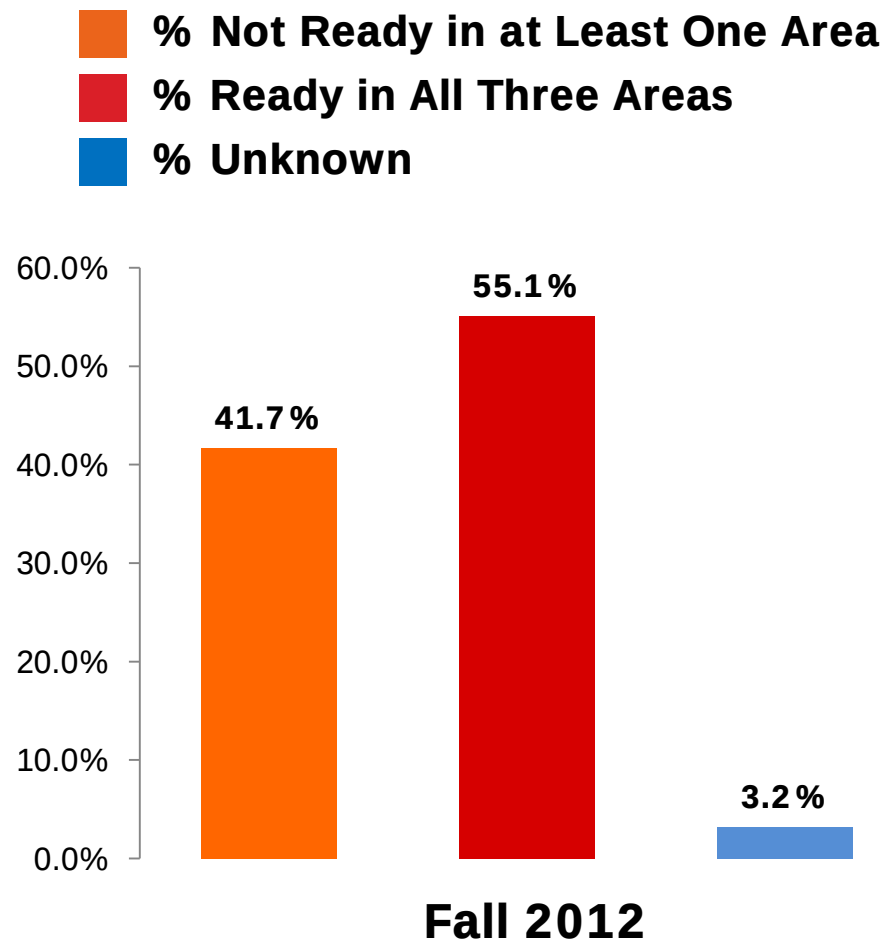


Note: Public Institutions only. African Americans exceed goal by 23,239.

Students enrolling in colleges directly from high school are meeting TSI standards at higher rates



Percentage of Two-Year College Students Direct from HS by TSI Readiness Thresholds
Fall 2003 & Fall 2012



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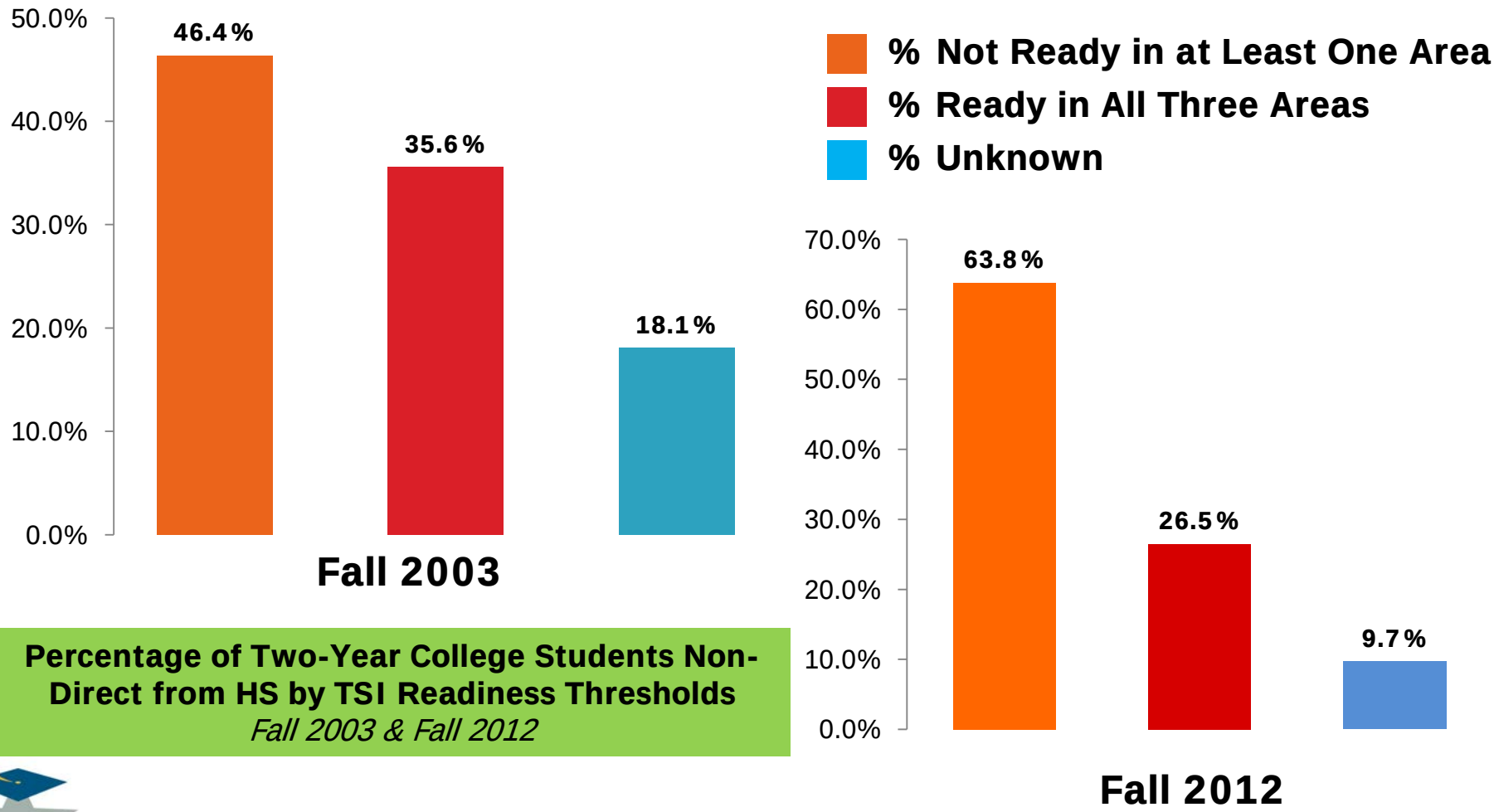
However, those returning to college are meeting the TSI standards at lower rates



Percentage of Two-Year College Students Non-Direct from HS by TSI Readiness Thresholds
Fall 2003 & Fall 2012

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Success

By 2015, award **210,000** undergraduate degrees, certificates and other identifiable student successes from high quality programs.

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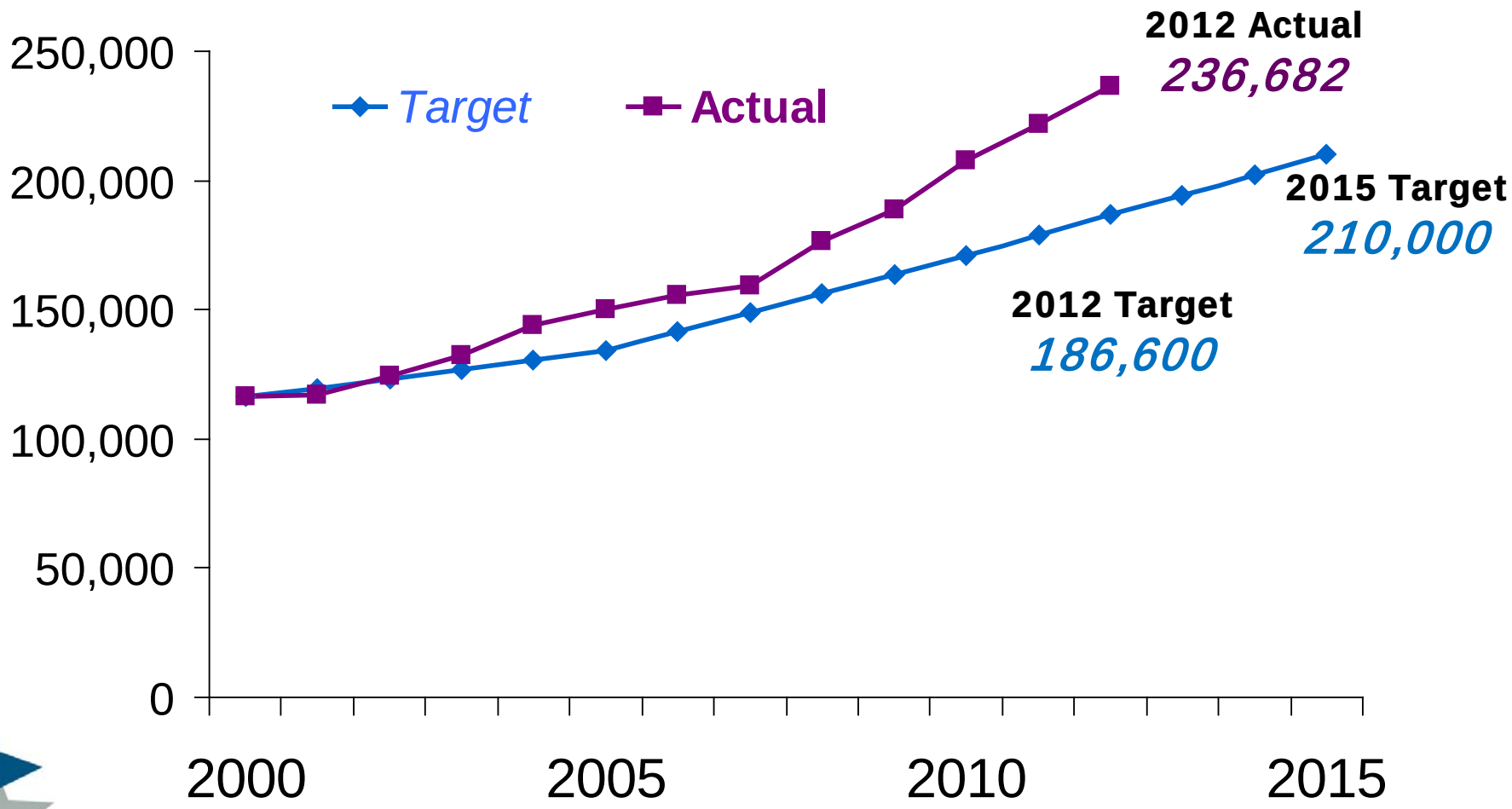
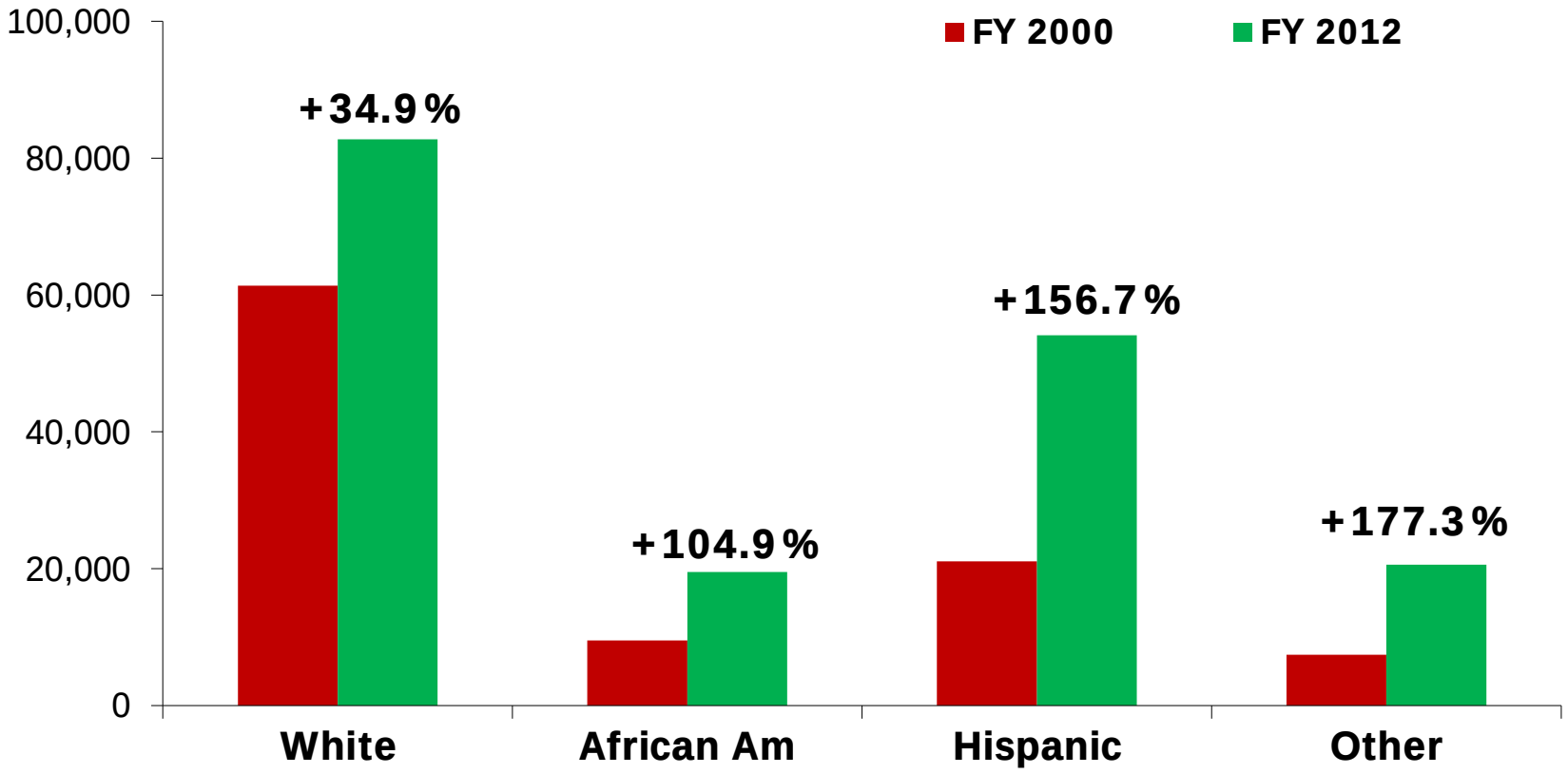
Texas has exceeded the Closing the Gaps goal for awarding bachelor's and associate's degrees and certificates



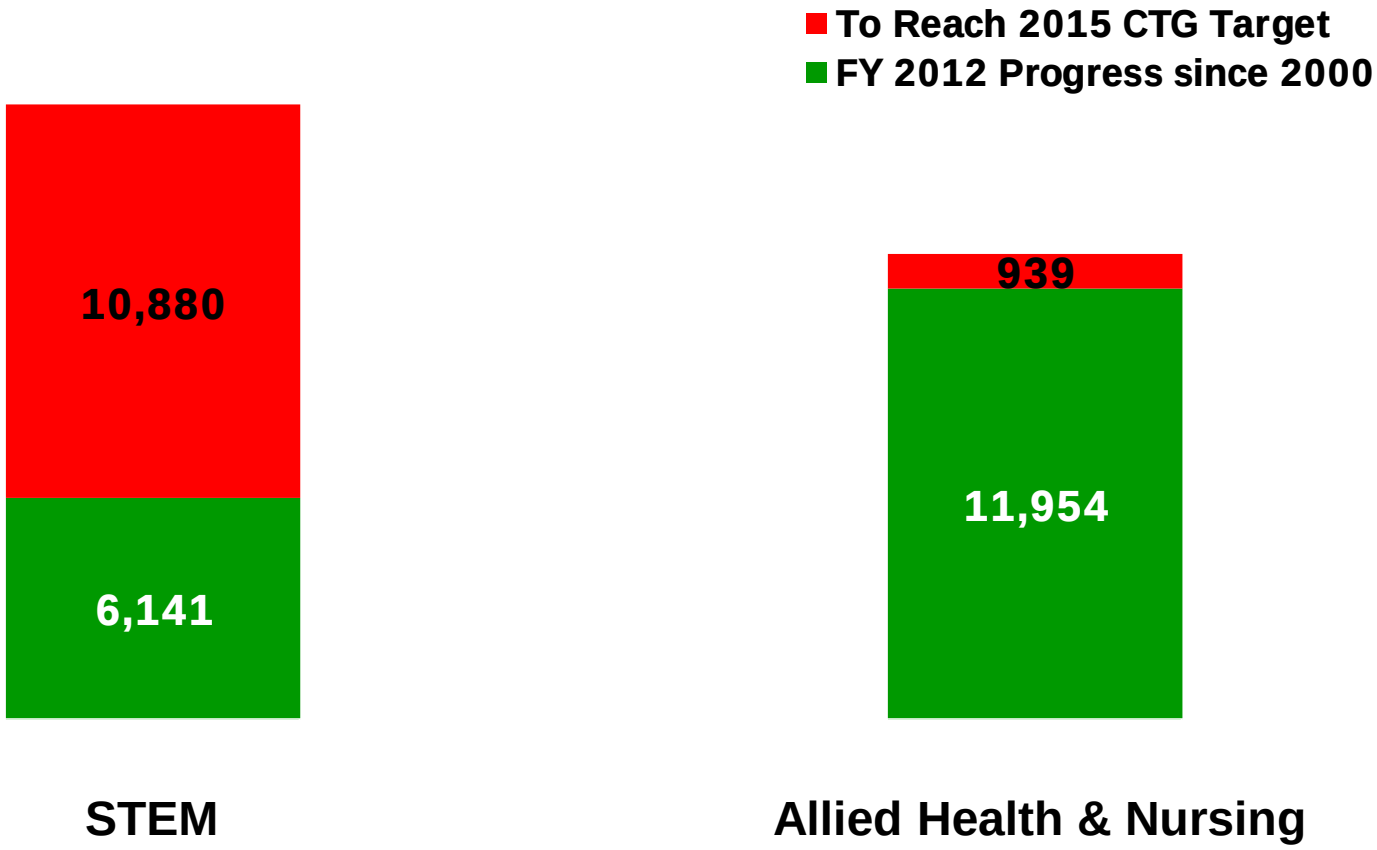
Note: Public, independent and career institutions.

Underrepresented groups at **public institutions** have the **greatest % increase** in undergraduate awards



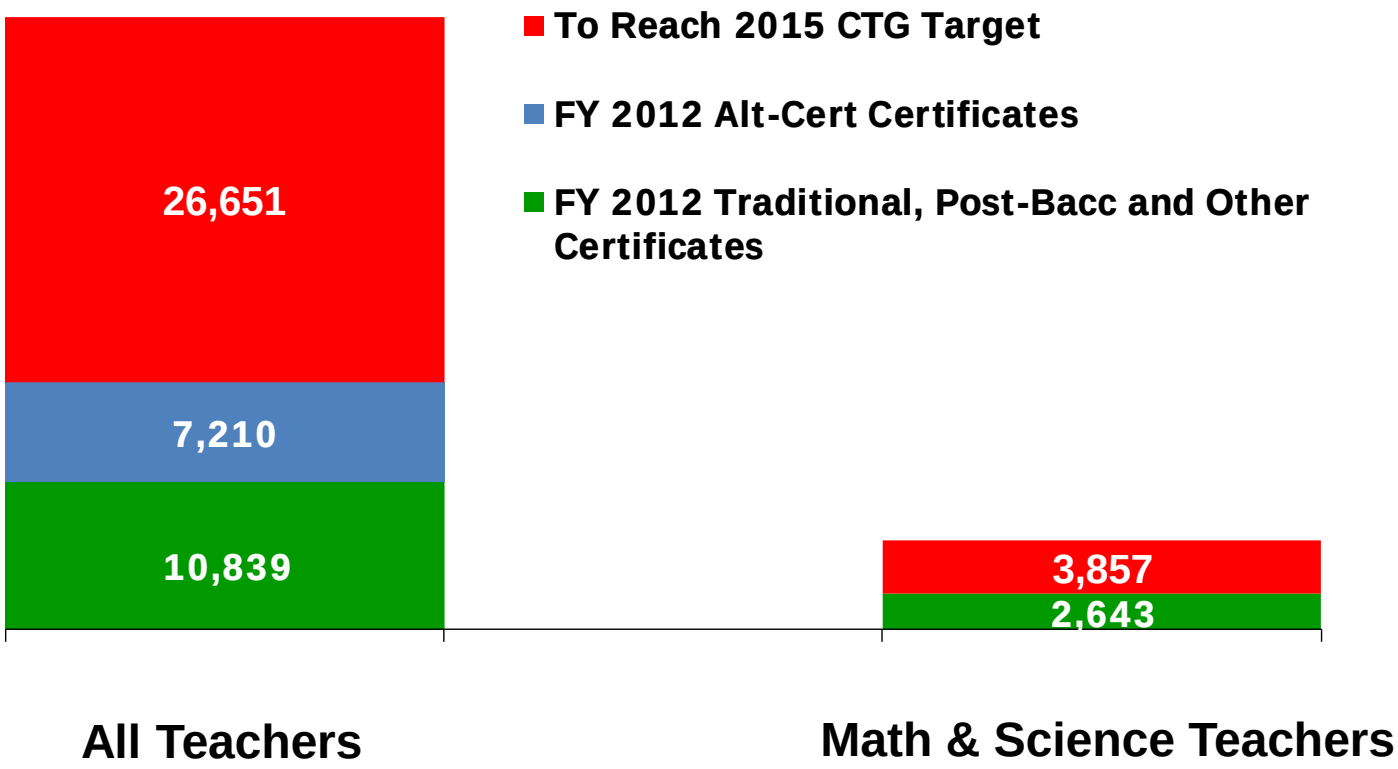
Source: Texas Higher Education Coordinating Board

Texas has made excellent progress in undergraduate health awards, but **very little progress in STEM fields**



Note: Public institutions only

Increasing the number of well prepared, certified teachers is **critical for Texas**



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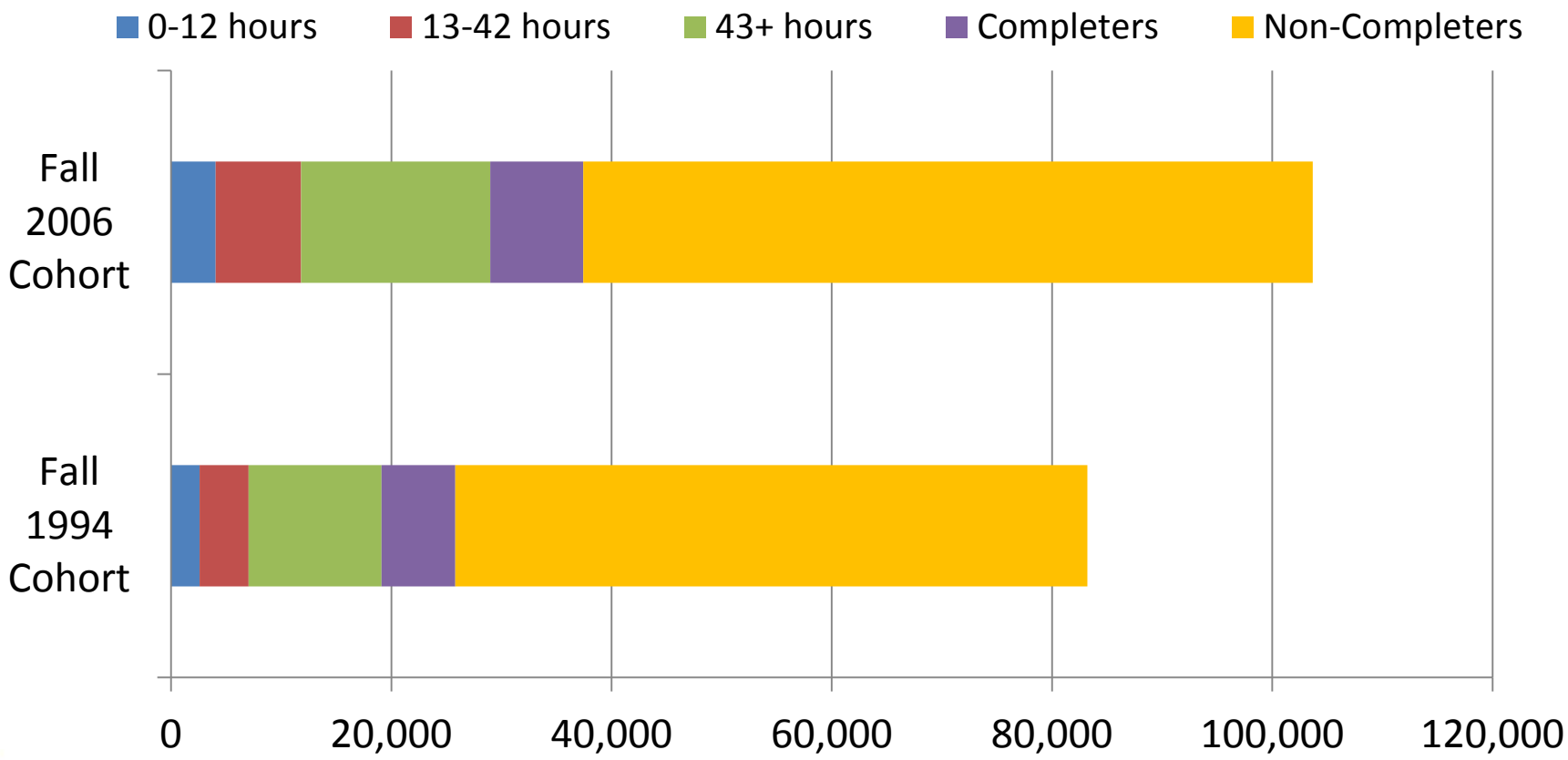
More students are transferring from community colleges to universities



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Excellence

By 2015, substantially increase the number of **nationally recognized programs** or services at colleges and universities in Texas.

Research

By 2015, increase the level of federal science and engineering research and development obligations to Texas institutions to **6.5%** of obligations to higher education across the nation.

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Undergraduate **Excellence**
Fall 2012

- Access to excellent undergraduate education is critical.
- **79%** of all public university students are undergraduates.
- **91%** of all public college and university students are undergraduates.
- **42%** of all public college and university students are freshmen.

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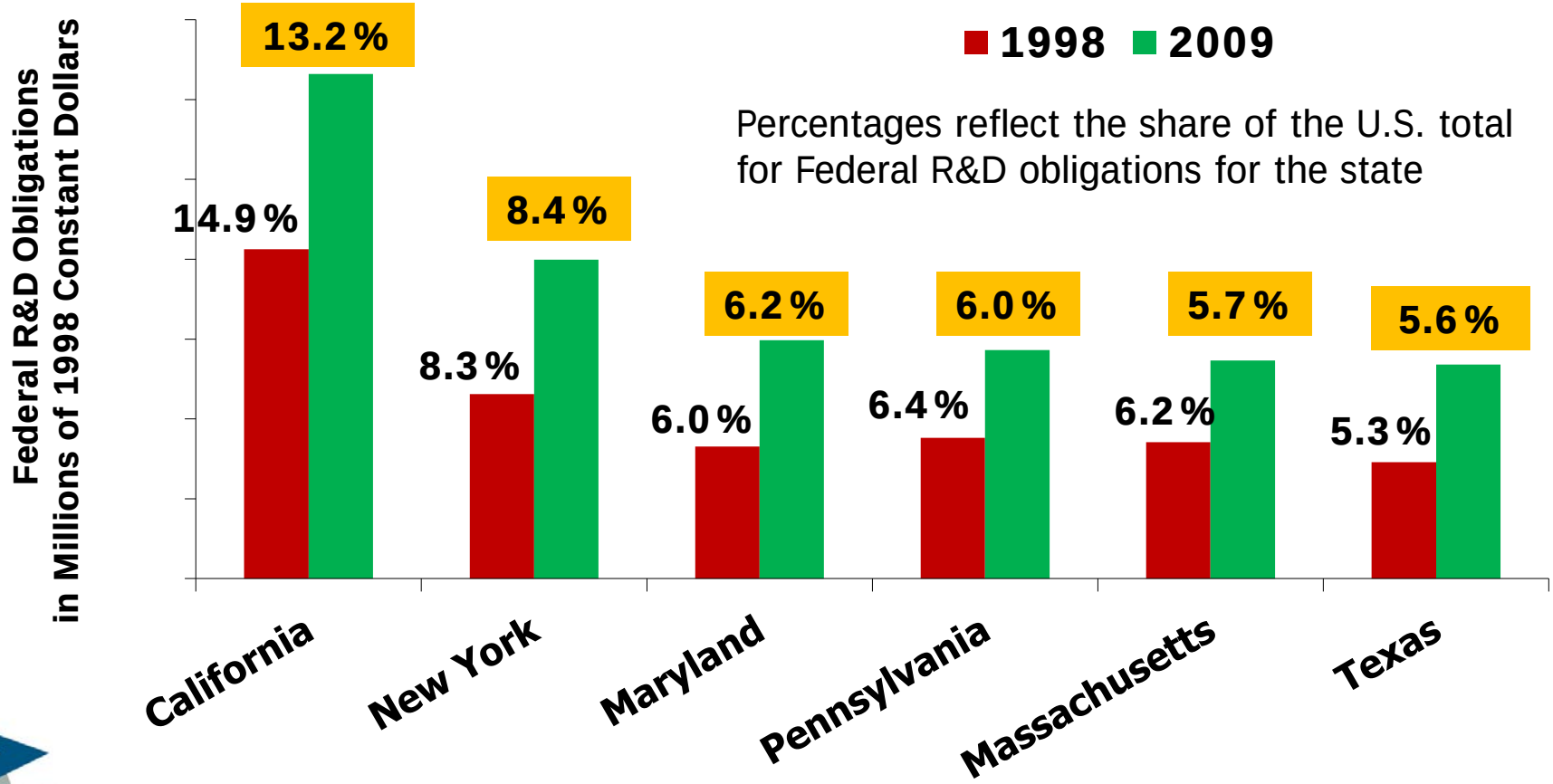
UC-Berkeley **has more National Academy Members** than all Texas institutions combined

	Science	Engineering	Medicine	Total
UT Austin	17	44	5	66
TAMU/TAMUSHSC	7	14	3	24
Rice U	4	12	2	18
UT Med Cntr-Dallas	17	0	18	35
U of Houston	2	8	0	10
Baylor CO Medicine	7	0	12	19
UTHSC-San Antonio	0	0	3	3
UTHSC Houston	0	0	3	3
UT Med Br-Galveston	0	0	2	2
UT Dallas	1	4	0	5
Other (SMU, MDA, UNT, UTSA, TTU,UT-Arlington, UT-HSC-Tyler, UNT-HSC)	3	3	2	8
State of Texas Total	**58**	**85**	**50**	**193**
UC-Berkeley	132	76	12	**220**

As of Sept 2012

Texas' share of federal R&D obligations relative to other top performing states **has increased**



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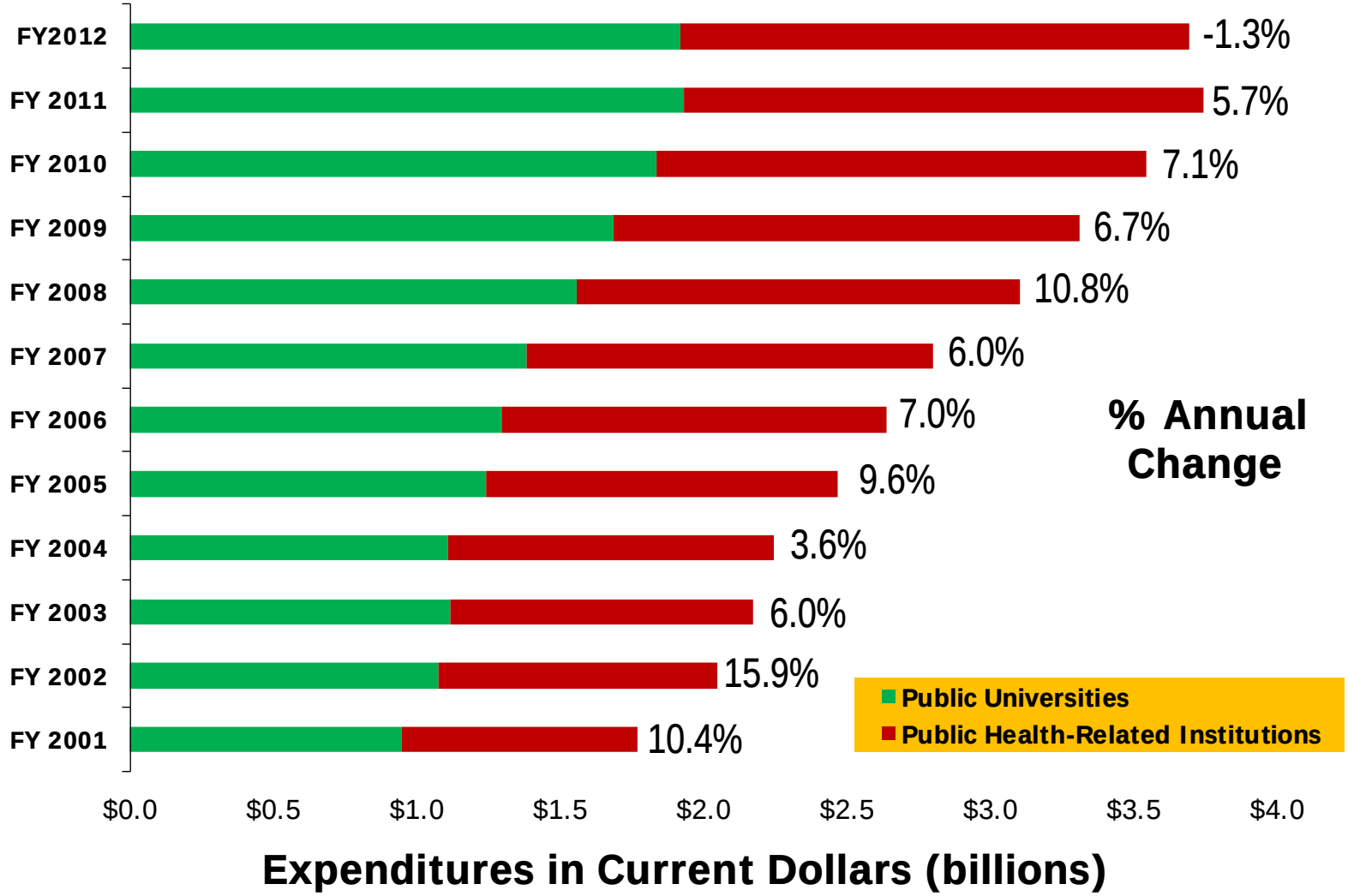
Research Expenditures for R&D at Texas Public Universities and Health-Related Institutions



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Texas has **accomplished much** since 2000

- The percentage of students entering public higher education from public high schools **has increased from 46.4% to 53.9%**.
- By fall 2012, nearly **590,000 additional students** were enrolled in public, independent, and career higher education.

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Texas has **accomplished much** since 2000:

- By fall 2012, more than **99%** of public university and **86%** of community, technical and state college students enrolling directly from high school had completed the RHSP or above.
- **64,000 more** bachelor's and associate's degrees were awarded by public institutions in FY 2012.

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Texas has **accomplished much** since 2000

- Undergraduate nursing awards have **increased by 8,117** through 2012.
- Undergraduate engineering awards have **increased by 4,579**.
- In 2003, the 78th Texas Legislature allowed universities, like health-related institutions, to **retain 100%** of their research indirect cost revenue.

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"A Tale of Two States – and One Million Jobs"

- The payoff to achieving the objectives of *Closing the Gaps* is great.
- By 2030, annual gains (in 2006 dollars) are projected to be:
  - ✓ **$489.6 billion** in total spending
  - ✓ **$194.5 billion** in gross state product
  - ✓ **$121.9 billion** in personal income
  - ✓ **1,023,281** permanent jobs

Source: Ray Perryman Group; http://www.thecb.state.tx.us/reports/PDF/1345.PDF