

College Board's Student Achievement Report 2010-2011

Oklahoma State Department of Education
October 27, 2011

Cathy Seward
Executive Director, Advanced Placement

College Board

- Not-for-profit
- Excellence and Equity in Education
- Connect students to college success & opportunity
- Member since 1987
- Other Oklahoma College Board Members

College Board Delegates

- Academic Assembly Delegate
 - Jennifer Watson, Assistant State Superintendent for Instruction
- Guidance and Admission Assembly Delegate
 - Kerri White, Assistant State Superintendent for School Improvement
- College Scholarship Service Assembly Delegate
 - Cathy Seward, Executive Director of AP

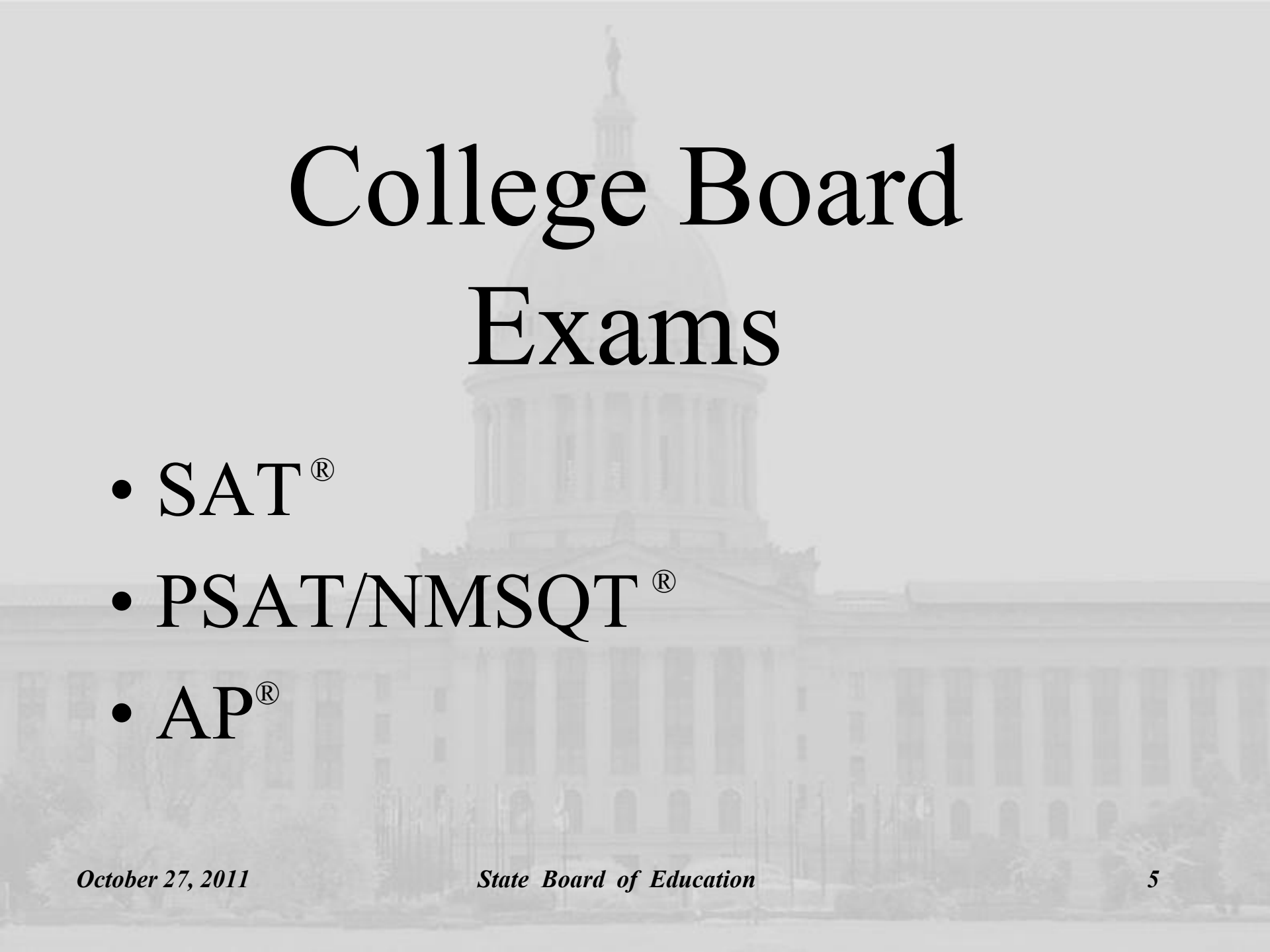
College Board Honors

Oklahoma Educator Recognized in 2011

- Shirley Collins, AP Award Winner
Jenks High School Counselor

AP Achievement for Significant Gains in
AP Access & Student Performance

- Miami Public Schools
- Oklahoma City Public Schools



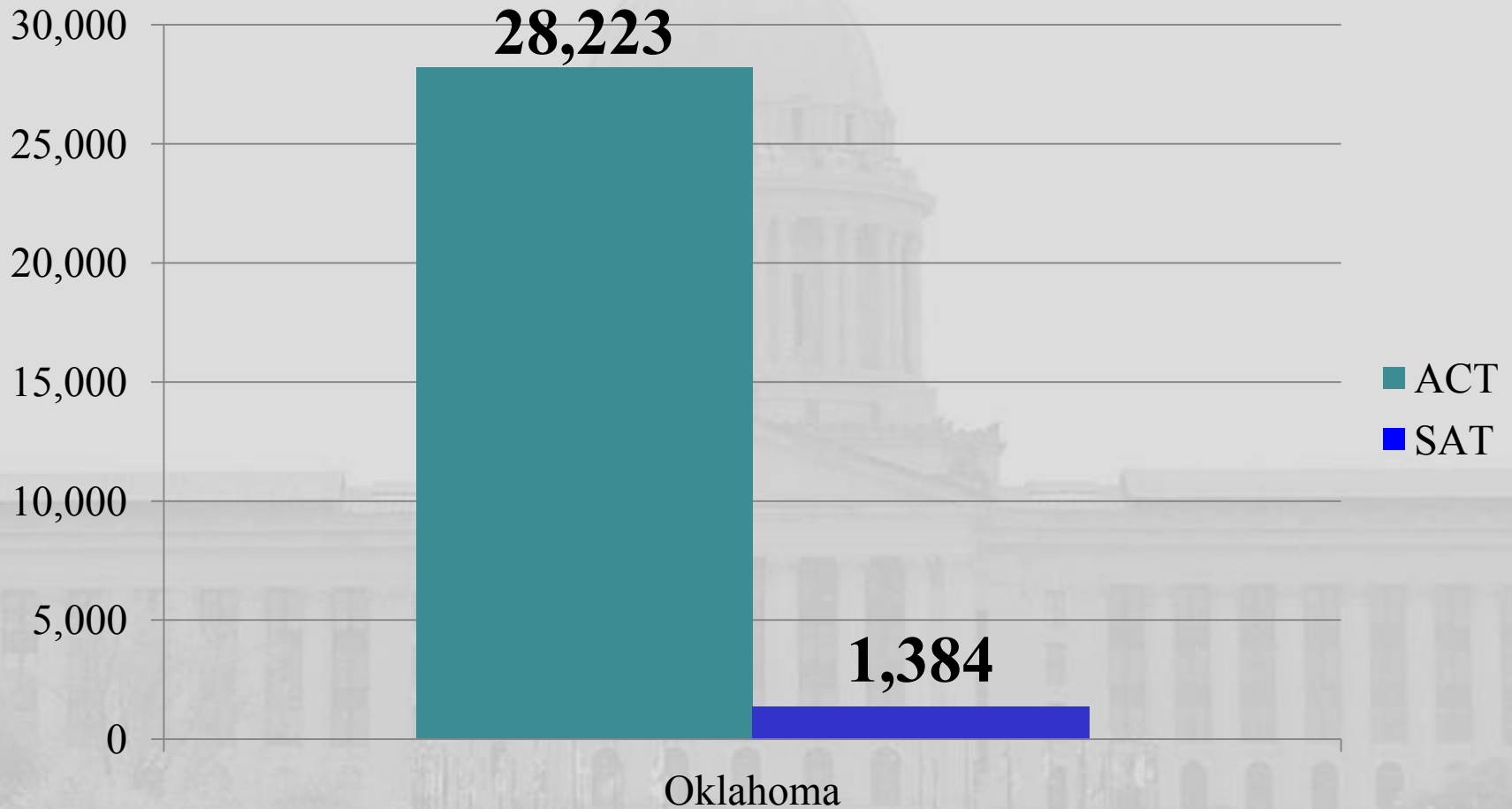
College Board Exams

- SAT[®]
- PSAT/NMSQT[®]
- AP[®]

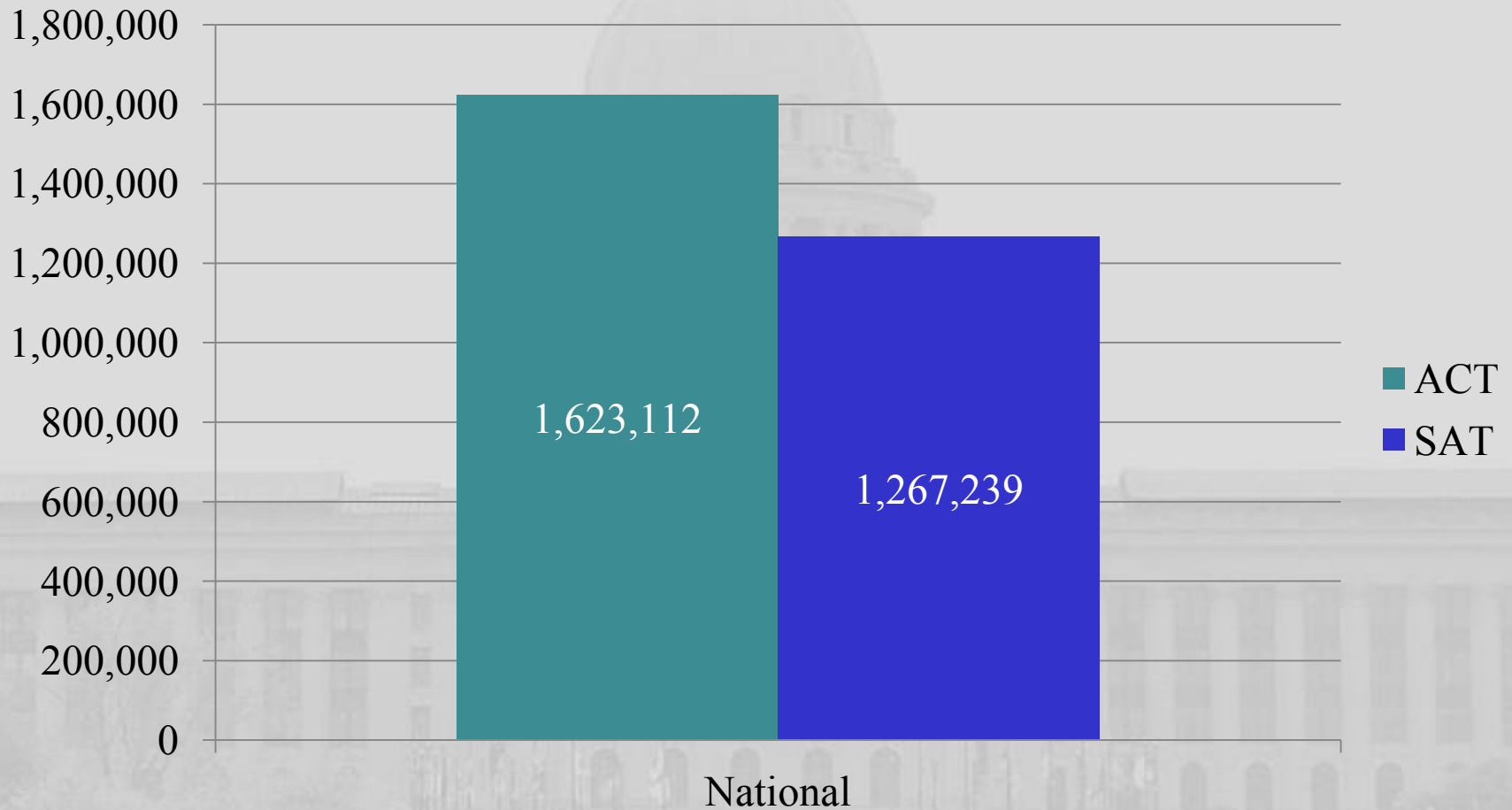
College Board Exams

- SAT – taken anytime a student desires
- PSAT – taken during a student's sophomore year
- PSAT/NMSQT – taken during a student's junior year
- AP – usually taken as the capstone to an AP class

ACT – SAT



ACT – SAT



PSAT Sophomores

The Good News

Participation in 2011

- Oklahoma sophomore participation increased by 3% over last year and by 11.9% in the last 5 years.

Performance in 2011

- Black, Hispanic and American Indian sophomores in Oklahoma outperformed their peers nationally in critical reading, math and writing.

PSAT Sophomores

The Good News Continues

Participation in 2011

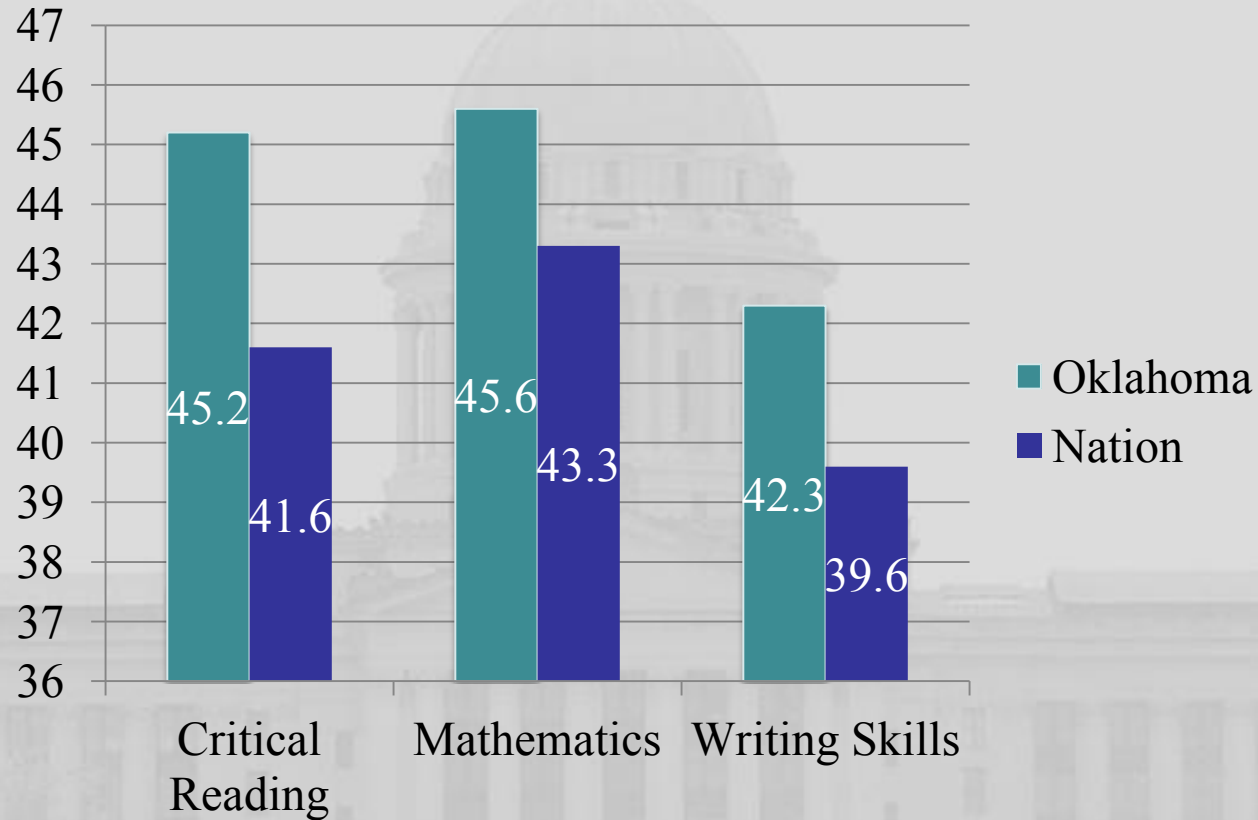
- Asian sophomore PSAT participation has increased 17.2% in the last five years.
- American Indian sophomore PSAT participation has increased 6.5% in the last five years.
- Hispanic sophomore PSAT participation has increased 62.0% in the last five years.

PSAT Sophomores

The Details

Total Test Takers	Mean Critical Reading		Mean Mathematics		Mean Writing	
	State	Nation	State	Nation	State	Nation
5,776	45.2	41.6	45.6	43.3	42.3	39.6

PSAT Sophomores 2011 Comparison



PSAT Sophomores Action Items

- Increase the number of test takers across all populations.
- Decrease the number of No Response
- Increase Critical Reading Mean
 - Recruit Hispanic students into college prep course work to prepare

PSAT Sophomores

Action Items

- Increase Mathematics Mean
 - Recruit Hispanic students into college prep course work to prepare
- Increase Writing Skills Mean
 - Recruit all students into college prep course work to prepare

PSAT/NMSQT Juniors

The Good News

Performance

- Oklahoma juniors' performance on the PSAT/NMSQT is greater than the nation critical reading, math and writing.
- Black juniors in Oklahoma outperformed black students nationally in critical reading, math and writing.

Participation

- American Indian student participation increased, resulting in steady or increased mean scores.

PSAT/NMSQT Juniors

The Good News Continues

Participation

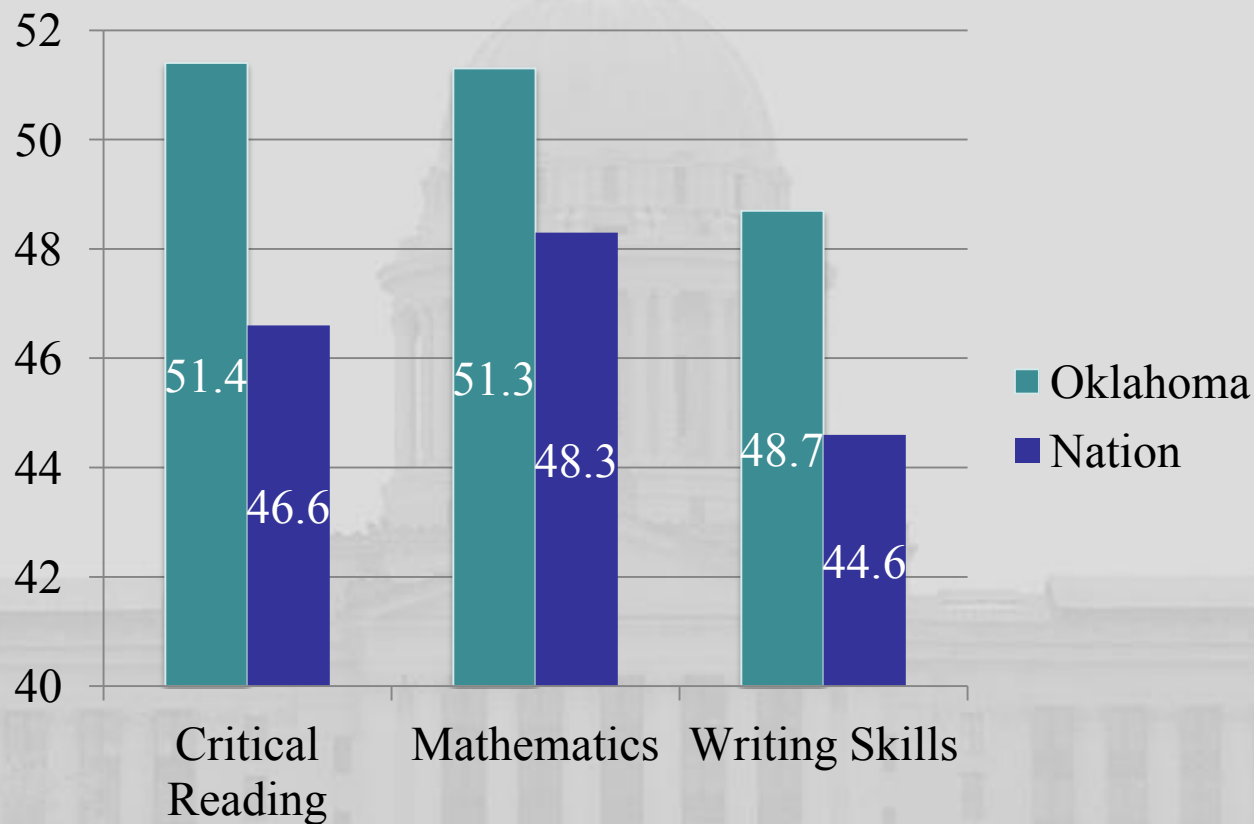
- Oklahoma junior student participation increased by 12.2% in 2011.
- Asian junior participation on the PSAT/NMSQT increased 35.1% over the last five years
- Hispanic junior participation on the PSAT/NMSQT increased 14.7% over the last five years

PSAT/NMSQT Juniors

The Details

2011 Total Test Takers	2011 Mean Critical Reading		2011 Mean Mathematics		2011 Mean Writing	
6,625	State	Nation	State	Nation	State	Nation
	51.2	46.6	51.3	48.3	48.7	44.6

PSAT /NMSQT Juniors 2011 Comparison



PSAT/NMSQT Juniors

Action Items

- Increase the number of test takers
 - Target Mexican American
- Decrease the number of No Response
- Increase Critical Reading Mean
 - Recruit Black students into college prep course work to prepare

PSAT/NMSQT Juniors

Action Items

- Increase Mathematics Mean
 - Recruit Black students into college prep course work to prepare
- Increase Writing Skills Mean
 - Recruit students into college prep course work to prepare

SAT

The Good News

Participation in 2011

- Oklahoma's public school student's SAT participation increased by 13.3%
- Participation by all Hispanic students increased 22.8% and outpaces the national rate of increase.
- Black student SAT participation increased 12.2% over the last five years.
- Hispanic student SAT participation increased 18.6% since 2006.

SAT

The Good News Continues

Performance in 2011

- Asian and all Hispanic students had greater gains than their national counterparts.

SAT

The Details

2011 Total Test Takers	2011 Mean Critical Reading		2011 Mean Mathematics		2011 Mean Writing	
1,384	State	Nation	State	Nation	State	Nation
	568	494	560	506	541	483

SAT 2011

Self-Reported Data

- Intended College Major
 - 21% Health Professions & Related Clinical Services
 - 16% Engineering
 - 8% Biological & Biomedical Sciences
 - 7% Visual & Performing Arts
 - 6% Business Management, Marketing, and Related Support Services

SAT 2011

Self-Reported Data

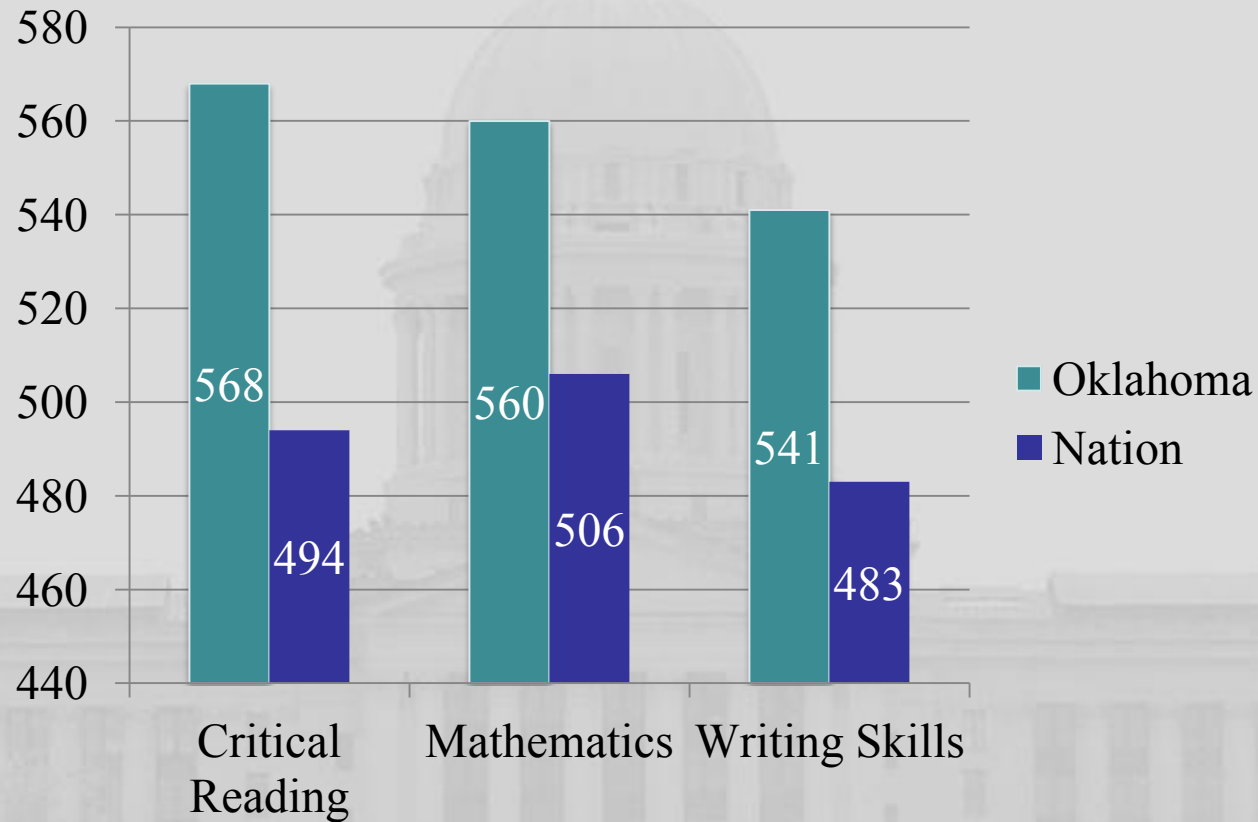
- Institutions Chosen to Receive Scores
 - 46.6% University of Oklahoma
 - 30.0% Oklahoma State University
 - 16.1% University of Tulsa
 - 10.8% Harvard University
 - 9.8% University of Central Oklahoma

SAT 2011

Self-Reported Data

- Degree-Level Goal
 - 64% Advanced Graduate Degree
 - ~ 27% Master's
 - ~ 37% Doctoral or Related Degree
 - 23% Bachelor's Degree
 - 11% Undecided
 - 1% Less than 4 year degree

SAT Mean 2011 Comparison



Effects of PSAT on SAT

- Students who take the SAT and have taken the PSAT consistently outperform those students who do not take the PSAT
 - 100 points in Critical Reading
 - 86 points in Math
 - 97 points in Writing

SAT

Action Items

- Increase the number of test takers across all sub-populations
- Decrease the number of No Response
- Increase Critical Reading Mean
 - Recruit students into college prep course work to prepare
 - Target American Indian, Black, Hispanic and White students

SAT

Action Items

- Increase Mathematics Mean
 - Recruit students in all sub-populations into college prep course work to prepare
- Increase Writing Skills Mean
 - Recruit students in all sub-populations into college prep course work to prepare

Advanced Placement (AP)

The Good News

Participation in 2011

- Oklahoma students' AP participation increased 3.5%
- Black students' participation in Oklahoma rose 11.3% and outpaced the nation (9.1%)
- Overall Hispanic student participation increased 18.1% and outpaced the nation (12.8%)
- In the past 5 years, the number of AP exams given has increased 16.6% with consistent growth each year.

Advanced Placement (AP) The Good News Continues

Performance in 2011

- Overall Hispanic student performance increased 16.1% and outpaced the nation (12.8%)
- Oklahoma public school students' exams earning grades of 3-5 continued their year-to-year increase of 0.6%, but we are behind the national year-to-year increase of 7.9%
- There was a 20% growth since 2006 in the number of students who had a positive AP experience.

AP

The Details

2011 Total Test Takers	2011 Exams Taken	2011 Scores of 3-5
13,777	22,883	10,579
3.5% increase	2.9% increase	0.6% increase

AP 2011

The Details – Ethnicity

Ethnicity	Test Takers	% of Total Test Takers	Exams Taken	Scores of 3-5
American Indian	1,147 ↑ 2.4%	8.3	1,743 ↑ 0.9%	668 ↓ 4.4%
Asian	963 ↑ 8.7%	7.0	1,999 ↑ 10.0%	1,050 ↑ 9.9%
Black	849 ↑ 11.3%	6.2	1,280 ↑ 9.4%	296 ↑ 6.9%
Hispanic	1,056 ↑ 18.1%	7.7	1,574 ↑ 13.5%	619 ↑ 16.1%
White	8,791 ↑ 0.7%	63.8	14,783 ↑ 1.6%	7,314 ↑ 0.7%

AP 2011

The Details – Gender

Gender	Test Takers	% of Total Test Takers	Exams Taken	Scores of 3-5
Female	7,775 ↑ 2.8%	56.4%	12,575 ↑ 1.9%	5,517 ↑ 0.6%
Male	6,002 ↑ 4.3%	43.6%	10,308 ↑ 4.1%	5,062 ↑ 0.6%

Five Year Trends for Oklahoma Public School Students

	2007	2008	2009	2010	2011
Students	11,888 ↑ 4.7%	12,307 ↑ 3.5%	12,508 ↑ 2.1%	13,316 ↑ 6.5%	13,777 ↑ 3.5%
Exams	19,808 ↑ 5.2%	20,380 ↑ 2.9%	20,811 ↑ 2.8%	22,244 ↑ 6.9%	22,883 ↑ 2.9%
Scores of 3+	8,952 ↑ 6.2%	8,876 ↓ 0.8%	9,598 ↑ 9.7%	10,517 ↑ 9.7%	10,579 ↑ 0.6%

AP 2011

More Details

Increase in	White	Black	Hispanic	Asian
Year to Year 3+ Scores	1.0% ↓	12.4% ↑	18.3% ↑	11.4% ↑
Five Year 3+ Scores	14.3% ↑	26.7% ↑	48.2% ↑	37.6% ↑

A Positive AP Experience 2011 Comparison



AP 2011

Action Items

- Decrease the number of No Response
- Recruit students into AVID/Pre-AP/college prep classes at an earlier age
 - Target American Indian, Puerto Rican, and White students

AP 2011

Action Items

- Encourage schools with no AP to add at least one AP course.
- Encourage schools with 1 to 4 AP courses to increase their AP course offerings.
- Encourage schools with more than 4 AP courses to build their Pre-AP program.