

**MEASURING COLLEGE
READINESS:**

The Oklahoma ACT

Graduating Class of 2011

**Oklahoma State Board of Education Meeting
October 27, 2011**

ACT: By the Numbers

- A total of **28,223** students of the 2011 Oklahoma graduating class took the ACT exam.
- This translates to **76 percent** of the Oklahoma 2011 graduating class, compared to **73 percent** of graduating Oklahoma seniors who took the test in 2010.
- Nationwide **1,623,112** graduating seniors – 49 percent – took the ACT in 2011.

Number/Percentage of Oklahoma ACT-Tested High School Graduates

| <i>Student Type</i> | <i>2010</i> | <i>2011</i> |
|--|----------------------|---------------------|
| All Students | 28,343 (100%) | 28,223(100%) |
| African American | 2,345 (8%) | 2,193 (8%) |
| American Indian | 3,807 (13%) | 3,122 (11%) |
| Caucasian | 17,999 (64%) | 17,107 (61%) |
| Hispanic | 1,661 (6%) | 2,326 (8%) |
| Asian American | 808(3%) | 754 (3%) |
| Native Hawaiian/Other Pacific Islander | 0 (0%) | 51 (0%) |
| Two or more races | 748 (3%) | 1,838 (7%) |
| Other/No Response | 975 (3%) | 832 (3%) |

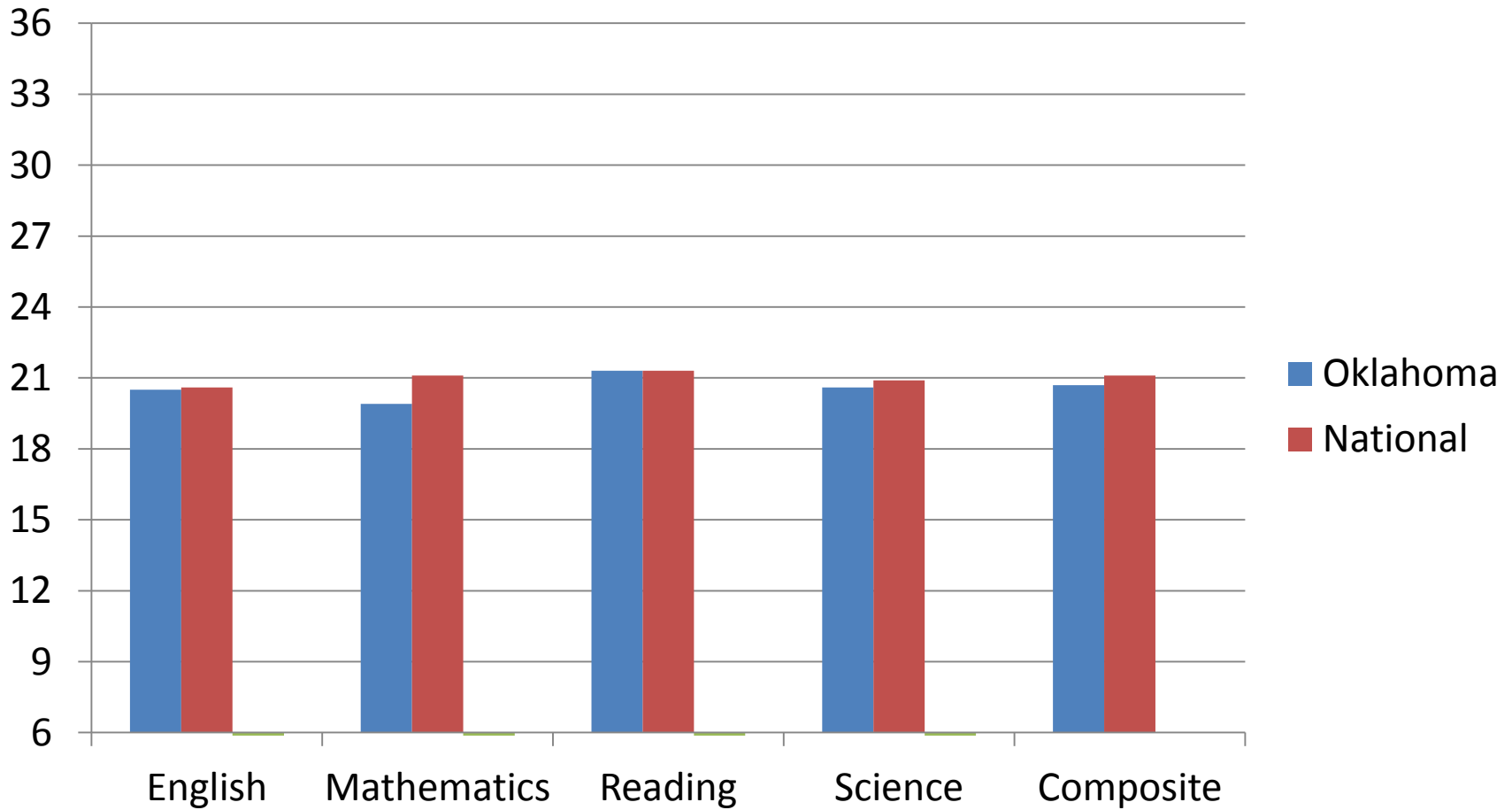
Five-Year Trends

| <i>Students</i> | <i>2007</i> | <i>2008</i> | <i>2009</i> | <i>2010</i> | <i>2011</i> |
|--------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| All Students | 26,360 | 27,131 | 27,054 | 28,343 | 28,223 |
| African American | 1,892 (7%) | 2,192 (8%) | 2,168 (8%) | 2,345 (8%) | 2,193 (8%) |
| American Indian | 3,225 (12%) | 3,332 (12%) | 3,584 (13%) | 3,807 (13%) | 3,122 (11%) |
| Caucasian | 16,255 (62%) | 17,365 (64%) | 17,358 (64%) | 17,999 (64%) | 17,107 (61%) |
| Hispanic | 1,191 (5%) | 1,306 (5%) | 1,491 (6%) | 1,661 (6%) | 2,326 (8%) |
| Asian American | 665 (3%) | 755 (3%) | 772 (3%) | 808 (3%) | 754 (3%) |
| Other/No Response | 2,271 (9%) | 3,132 (12%) | 2,181 (8%) | 1,681 (6%) | 1,723 (6%) |

2011 ACT Scores: The Bottom Line

- 2011 ACT Composite remained at 20.7.
- English and Reading scores increased by +.1.
- Math and science scores remained the same as 2010.

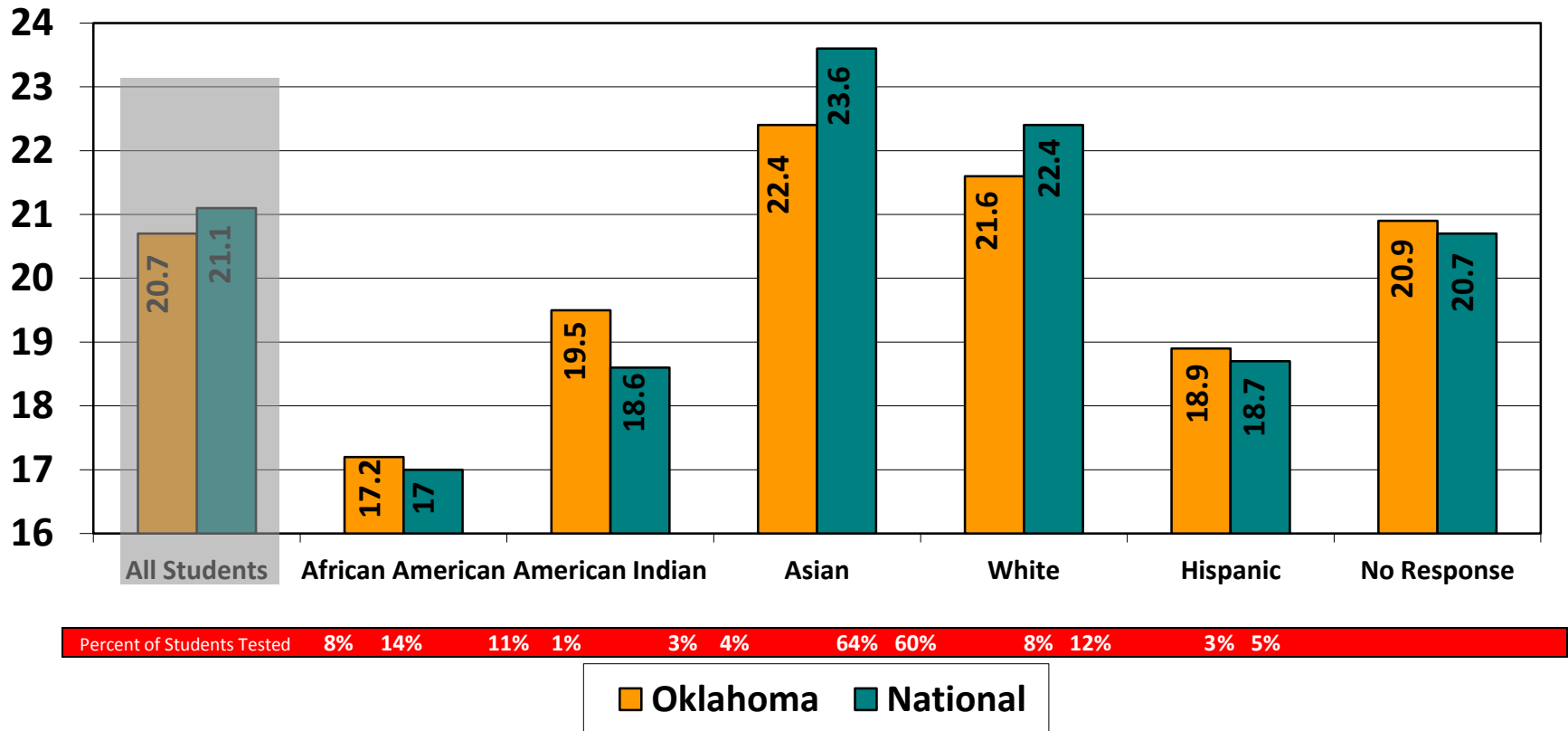
Oklahoma and National Scores



Oklahoma and National Average ACT Composite/Subject Area Scores

| Test Area | 2009 | 2010 | 2011 |
|--------------------------------|-------------|-------------|-------------|
| English: State | 20.5 | 20.4 | 20.5 |
| English: National | 20.6 | 20.5 | 20.6 |
| Math: State | 19.9 | 19.9 | 19.9 |
| Math: National | 21.0 | 21.0 | 21.1 |
| Reading: State | 21.4 | 21.2 | 21.3 |
| Reading: National | 21.4 | 21.3 | 21.3 |
| Science: State | 20.5 | 20.6 | 20.6 |
| Science: National | 20.9 | 20.9 | 20.9 |
| Composite: State | 20.7 | 20.7 | 20.7 |
| Composite: National | 21.1 | 21.0 | 21.1 |

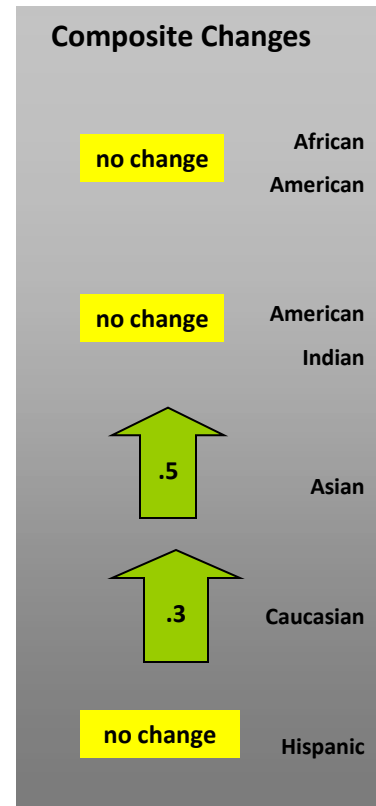
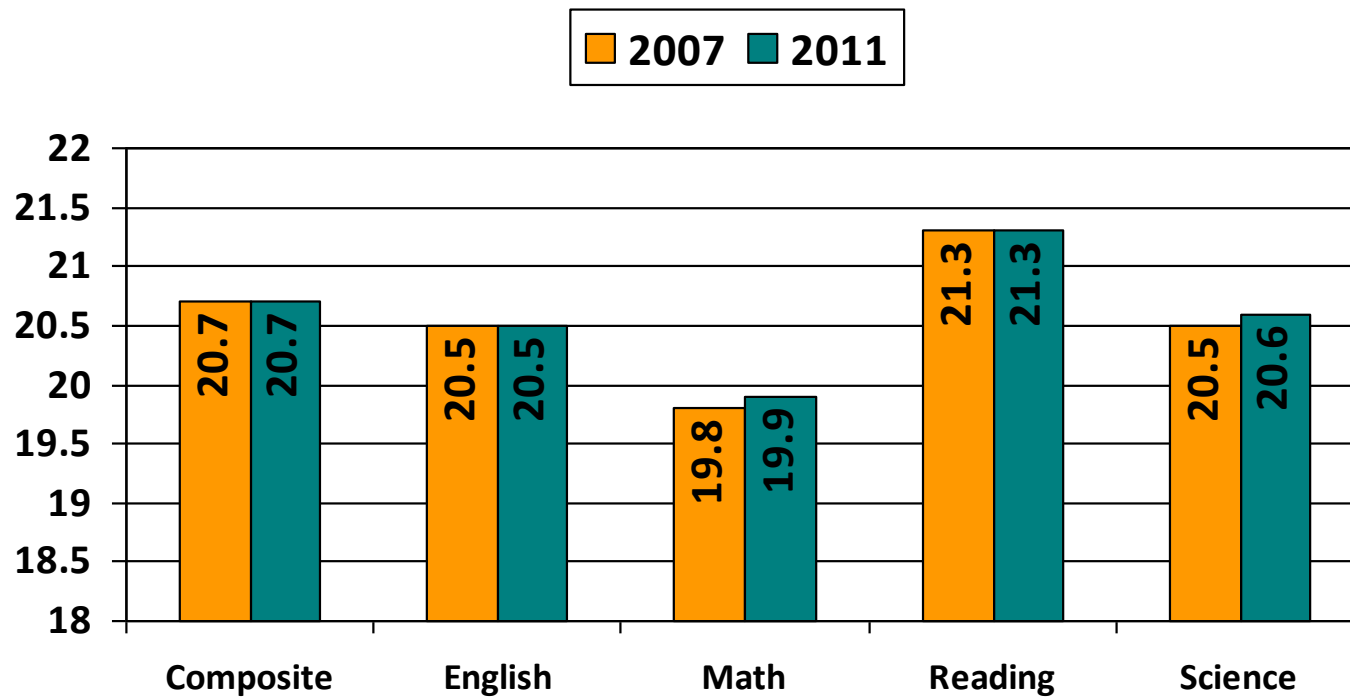
ACT Scores by Student Subgroup Class of 2011



*There were 51 designating the new choice of Native Hawaiian/Pacific Islander with an average of 18.6

Source: 2011 ACT Profile Reports, Table 1.5—Oklahoma and National 2011

Oklahoma ACT Results 2007 and 2011 Comparison



Source: ACT Profile Report: Oklahoma Graduating Class 2011, Tables 1.2 and 1.5

ACT College Readiness Benchmark Scores

- **A benchmark score is the minimum score needed on an ACT subject area test to predict a 50 percent chance of obtaining a B or higher and a 75 percent chance of obtaining a C or higher in a corresponding college course.**
- **ACT has established the following College Readiness Benchmark Scores:**
 - **English: 18 (English Composition)**
 - **Math: 22 (Algebra)**
 - **Reading: 21 (Social Sciences)**
 - **Science: 24 (Biology)**

2011 Graduates Likely to Be Ready for College-Level Work

| <i>Course</i> | <i>Oklahoma</i> | <i>National</i> |
|----------------------------|-----------------|-----------------|
| English Composition | 67% | 66% |
| Algebra | 35% | 45% |
| Social Sciences | 52% | 52% |
| Biology | 25% | 30% |
| All 4 Benchmarks | 20% | 25% |

Core vs. Non-Core Coursework

- **ACT research shows that the rigor of high school courses, not the number of courses, best prepares students for college success and is reflected in higher ACT scores.**

ACT Core

- **English: 4 years**
 - One year credit each for Grades 9-12
- **Mathematics: At least 3 years**
 - One year credit each for Algebra I, Algebra II, Geometry; one-half year credit each for Trigonometry, Calculus, and other math beyond Algebra II
- **Social Studies: At least 3 years**
 - One year credit each for American History, World History, American Government; one-half year credit each for Economics, Geography, Psychology, and other History
- **Natural Sciences: At least 3 years**
 - One year credit each for General/Physical/Earth Science, Biology, Chemistry, and Physics

ACT Scores/Coursework

Core vs. Non-Core

| <i>Student</i> | <i>Percent Taking Core or More Oklahoma /US</i> | <i>Average ACT: Core Oklahoma /US</i> | <i>Average ACT: Non-Core Oklahoma /US</i> |
|---------------------|---|---|---|
| All Students | 66/71 | 21.6/22.0 | 19.0/18.9 |
| African American | 64/65 | 17.8/17.5 | 16.3/15.8 |
| American Indian | 57/60 | 20.8/20.2 | 18.2/17.4 |
| Caucasian | 68/74 | 22.4/23.1 | 19.7/20.0 |
| Hispanic | 62/68 | 19.4/19.4 | 17.8/17.0 |
| Asian American | 80/81 | 22.6/23.9 | 20.9/21.5 |

More Information

Office of Instruction

522-3521

www.act.org/news