



Fast Facts

Measuring College Readiness

The Arkansas ACT Graduating Class of 2010

- Arkansas' ACT 2010 Composite dropped -.3 as a result of increasing the number of students tested under VUAA while the national average dropped -.1. (+2,055 students – a 9% increase in the testing pool) National is up +88,366 (6% increase).
- 60% of Arkansas students are ready for college English coursework based on achieving a 19 or higher on the ACT English test.
- 53% of Arkansas students are ready for college math coursework based on achieving a 19 or higher on the ACT Mathematics test.

Arkansas ACT Results

Scores and Participation

	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>
English	20.1	20.6	20.7	20.5	20.7
Math	19.9	20.1	20.1	19.9	19.9
Reading	20.6	21.0	21.0	20.9	20.9
Science	20.2	20.2	20.3	20.2	20.3
Composite	20.3	20.6	20.6	20.5	20.6

- 81% of the 2010 Arkansas Graduating Class took the ACT at least once.
- The Hispanic tested population increased by 26% (from 885 to 1,116); the African American/Black tested population increased by 13%, from 3,922 to 4,415.
- The proportion of Caucasian test takers was 69% of those tested in 2010, down from 70% in 2009.
- The Hispanic students scored at the same level as their national counterparts (18.6).

High School Course Taking

- ⇒ Many Arkansas students are being encouraged to take more rigorous courses, however, there are still students who only take the minimum math and science courses.
- 12% of Arkansas students report taking Algebra I, Algebra II, Geometry and no more. Their average ACT Math score is 16.9, considerably short of the 22 ACT College Algebra college readiness benchmark, or Arkansas Math placement score of 19.
 - 12% of Arkansas students report taking less than 3 years of natural science courses. Their average ACT Science score is 16.9, over 7 points away from the 24 ACT College Biology college readiness benchmark.
 - 34% of Arkansas students took high school science courses that included biology, chemistry and physics, but still fell short of the ACT College Biology readiness benchmark score of 24 on the ACT Science Test by 2.3 score points.

Readiness for College (National ACT Benchmarks)

- ⇒ 64% of the Arkansas ACT Class of 2010 are ready for freshman College English Composition. (down from 70%)
- 34% of African American students are ready
 - 73% of Caucasian students are ready
- ⇒ 35% of the Arkansas ACT Class of 2010 are ready for College Algebra.
- 9% of African American students are ready
 - 42% of Caucasian students are ready
- ⇒ 47% of the Arkansas ACT Class of 2010 are ready for Social Sciences.
- 17% of African American students are ready
 - 56% of Caucasian students are ready
- ⇒ 23% of the Arkansas ACT Class of 2010 are ready for College Biology. (up from 21%)
- 4% of African American students are ready
 - 28% of Caucasian students are ready

Early Assessments and Intervention

- EXPLORE scores are at an all-time high with the composite +.1 higher than the national average with both math (+.1) and reading (+.3) above the national average.

EXPLORE

<u>Year</u>	<u>English</u>	<u>Math</u>	<u>Reading</u>	<u>Science</u>	<u>Composite</u>
2005-2006	13.6	14.4	13.8	15.7	14.5
2006-2007	13.5	14.4	13.7	15.6	14.4
2007-2008	13.7	14.7	13.9	15.8	14.6
2008-2009	13.9	14.8	13.8	15.8	14.7
2009-2010	14.1	15.2	14.1	15.9	15.0

PLAN

<u>Year</u>	<u>English</u>	<u>Math</u>	<u>Reading</u>	<u>Science</u>	<u>Composite</u>
2005-2006	16.5	17.0	16.5	17.7	17.0
2006-2007	16.4	16.9	16.2	17.5	16.9
2007-2008	16.1	17.0	16.2	17.4	16.8
2008-2009	16.2	17.2	16.0	17.4	16.8
2009-2010	16.2	17.3	16.2	17.6	16.9