



Fast Facts

Measuring College Readiness

The Arkansas ACT Graduating Class of 2013

Beginning with the Class of 2013, ACT reports reflect two notable changes:

- *Students testing with extended-time accommodations are included. In Arkansas, 3% of tested students utilized this accommodation, compared to 4% nationally.*
 - *Two of the College Readiness Benchmarks have changed: Science has dropped from 24 to 23, while Reading has risen from 21 to 22. English (18) and Mathematics (22) remain the same.*
- Arkansas' Graduating Class of 2013 recorded 25,875 ACT test takers, a slight decrease (-183) from 2012.
 - Arkansas' ACT Composite is 20.2, a decrease of -.1 compared to 2012.
 - Arkansas ACT-tested students are prepared for college-level coursework, based on achieving a 19 or higher on the appropriate ACT subject test, as follows:
 - 59% (English) -- no change from 2012
 - 52% (Mathematics) – no change from 2012
 - 60% (Reading) – improvement of 1% over 2012

Arkansas ACT Results

Scores and Participation

	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
English	19.9	20.0	19.6	20.1	20.6
Math	19.9	20.0	19.7	19.9	20.1
Reading	20.5	20.6	20.2	20.6	21.0
Science	20.1	20.1	19.8	20.2	20.2
Composite	20.2	20.3	19.9	20.3	20.6

- Approximately 90% of the 2013 Arkansas Graduating Class took the ACT at least once.
- Participation in 2013 ACT testing by Black/African American students dropped by 274 students 2012 level, representing 17% of the tested population. Composite score dropped to 16.7 (down -.2 compared to 2012).
- Hispanic/Latino student participation in the ACT has increased each of the last five years, now representing nearly 8% of the testing population (2,005). In 2013 the Composite score rose to 18.9 (up +.2 compared to 2012).
- White students made up 65% of the testing population, (down 1% compared to 2012). Composite score rose to 21.4 (same as in 2012).

High School Course Taking

⇒ Smart Core is required curriculum for Arkansas students. However, there are still students who report taking only the minimum math and science courses.

- 9% 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 as well as the Arkansas Math placement score of 19.
- 9% of Arkansas students report taking less than 3 years of natural science courses. Their average ACT Science score is 16.7, well below the 23 ACT College Biology college readiness benchmark.
- 38% of Arkansas students reported taking high school science courses that included biology, chemistry and physics. These students come closest of any other reported course-taking pattern (at least 21.2) to reaching the 23 benchmark score indicating readiness for College Biology.

Readiness for College (National ACT Benchmarks)

- ⇒ 63% of the Arkansas ACT Class of 2013 are ready for freshman College English Composition, down 1% from 2012. **(English 18)**
- 34% of Black/African American students are ready (up 1% from 2012).
 - 51% of Hispanic/Latino students are ready (up 2% from 2012).
 - 73% of White students are ready (up 1% from 2012).
- ⇒ 35% of the Arkansas ACT Class of 2013 are ready for College Algebra, down 1% from 2012. **(Math 22)**
- 10% of Black/African American students are ready (down 2% from 2012).
 - 27% of Hispanic/Latino students are ready (same as 2012).
 - 43% of White students are ready (down 1% from 2012).
- ⇒ 39% of the Arkansas ACT Class of 2013 are ready for Social Sciences, down 9% from 2012. **(Reading 22)***
- 13% of Black/African American students are ready (down 6% from 2012).
 - 27% of Hispanic/Latino students are ready (down 8% from 2012).
 - 48% of White students are ready (down 9% from 2012).
- ⇒ 29% of the Arkansas ACT Class of 2013 are ready for College Biology, up 6% from 2012. **(Science 23)***
- 8% of Black/African American students are ready (up 3% from 2012).
 - 18% of Hispanic/Latino students are ready (up 4% from 2012).
 - 37% of White students are ready (up 8% from 2012).

*Benchmark reflects a change from 2012 and previous years.

Arkansas EPAS Five-Year Score Trends

EXPLORE

<u>Year</u>	<u>English</u>	<u>Math</u>	<u>Reading</u>	<u>Science</u>	<u>Composite</u>
2008-2009	13.9	14.8	13.8	15.8	14.7
2009-2010	14.1	15.2	14.1	15.9	15.0
2010-2011	13.9	15.2	14.0	16.1	14.9
2011-2012	14.2	15.4	14.3	16.1	15.1
2012-2013	14.4	15.4	14.5	16.4	15.3

PLAN

<u>Year</u>	<u>English</u>	<u>Math</u>	<u>Reading</u>	<u>Science</u>	<u>Composite</u>
2008-2009	16.2	17.2	16.0	17.4	16.8
2009-2010	16.2	17.3	16.2	17.6	16.9
2010-2011	15.9	17.5	16.4	17.4	17.0
2011-2012	16.4	17.5	16.6	17.9	17.2
2012-2013	16.6	17.5	16.6	17.9	17.3