



## Accelerating the College and Career Readiness of Missouri's Students

Missouri is in the process of transitioning to new English language arts and mathematics standards that will better prepare students to be successful in college and their careers. Time, effort, and resources must be dedicated to effective implementation in order to realize the promise of these new common core state standards.

### IN TODAY'S ECONOMY, ALL STUDENTS MUST GRADUATE FROM HIGH SCHOOL READY TO SUCCEED IN COLLEGE AND THEIR CAREERS

#### Percentage of Students Graduating from High School Class of 2007<sup>1</sup>

	Missouri	Nation
All Students	75%	69%
White	79%	76%
Hispanic	59%	55%
Black	55%	51%
Asian	+	79%
American Indian	52%	50%

+Insufficient or no data provided

### MORE STUDENTS NEED TO BE PREPARED FOR SUCCESS BEYOND HIGH SCHOOL

#### Percentage of ACT-Tested High School Graduates Ready For College-Level Course Work in 2010<sup>2</sup>

	Missouri	Nation
All Four Core Subjects	26%	24%
English	73%	66%
Math	44%	43%
Reading	57%	52%
Science	32%	29%

### MISSOURI AND THE NATION NEED MORE COLLEGE GRADUATES

#### Missouri's College Graduation Rates Versus National Average<sup>3</sup>

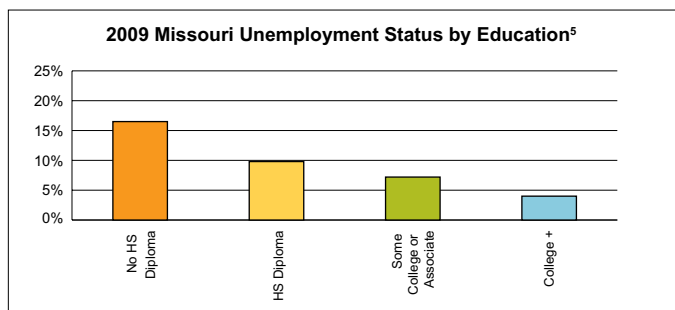
	Four-Year Institution*	National Average*	Two-Year Institution**	National Average**
All Students	57%	56%	34%	31%
White	59%	59%	35%	32%
Hispanic	55%	46%	35%	29%
Black	41%	39%	36%	26%
Asian	67%	66%	31%	33%
American Indian	34%	38%	25%	27%

\*Graduation within six years of entrance (Cohort from 2002–2008)

\*\*Graduation within three years of entrance (Cohort from 2005–2008)

Students in Missouri who began college but did not return for a second year received a cumulative \$30.3 million in federal grants and a cumulative \$142.5 million in state expenditures.<sup>4</sup>

### HIGHER LEVELS OF COLLEGE AND CAREER READINESS EQUALS HIGHER EMPLOYMENT



**Bolster economic vitality:** Nearly 20,000 students did not graduate from Missouri's high schools in 2010; the lost lifetime earnings in Missouri for that class of dropouts total \$5.2 billion.<sup>6</sup>

### TO ACCELERATE COLLEGE AND CAREER READINESS, MISSOURI TEACHERS SEE THE NEED FOR FEWER, CLEARER, AND BETTER STANDARDS

#### Impact of Improving Standards on Academic Achievement from Missouri's Teachers View<sup>7</sup>

	Clearer Academic Standards	Common Standards Across All States	Tougher Academic Standards	Fewer Academic Standards
Strong or Very Strong Effect	75%	59%	45%	33%
Moderate Effect	22%	31%	41%	39%
No Effect	3%	9%	14%	27%

### MISSOURI DECIDED TO IMPROVE ITS STANDARDS TO SUPPORT COLLEGE AND CAREER READINESS AND IS WORKING ON IMPLEMENTATION OF COMMON CORE STATE STANDARDS

- Missouri was one of forty-eight states that participated in the creation of the common core state standards, which build on the best state standards and go further by internationally benchmarking and back-mapping them for grades K–12.
- As of April 2011, Missouri was one of forty-four states to have adopted the common core state standards in mathematics and English language arts.

### TO HAVE A CLEAR MEASURE OF COLLEGE AND CAREER READINESS, STATE ASSESSMENTS MUST ACCURATELY REFLECT STUDENT ACHIEVEMENT; CURRENT TESTS DO NOT

#### Missouri's Eighth-Grade Proficiency as Measured by Missouri State Tests and the National Assessment of Educational Progress (NAEP)<sup>8</sup>

	State	NAEP
Reading	50%	34%
Math	47%	35%

- The average gap nationally between state- and NAEP-reported reading scores is 41 percentage points. Missouri's gap is 16 percentage points.
- The average gap nationally between state- and NAEP-reported math scores is 32 percentage points. Missouri's gap is 12 percentage points.

### MISSOURI IS ONE OF FORTY-FIVE STATES WORKING TO CREATE COMMON ASSESSMENT SYSTEMS ALIGNED TO COLLEGE- AND CAREER-READY STANDARDS

Two groups of states have formed to develop these next-generation assessment systems, scheduled to be available during the 2014–15 school year. Missouri is participating in Smarter Balanced Assessment Consortium. For more information, visit <http://www.k12.wa.us/smarter/>.

### CONSISTENT STANDARDS AND ASSESSMENTS MAKE COMMON AND ECONOMIC SENSE

- Ease transition for students who move from state to state.** In 2009, about 18,513 school-aged children moved to Missouri from another state; about 18,581 students moved from Missouri to another state.<sup>9</sup>
- Help states realize economies of scale and improve test quality by working together.** Currently, states spend a combined \$1.3 billion annually to develop, publish, administer, score, and report on their own state tests.<sup>10</sup>
- Reduce the need for remediation in college.** The need for remediation among students entering Missouri's postsecondary institutions unprepared for postsecondary work cost the state over \$59 million during the 2007–08 school year.<sup>11</sup>

1. Editorial Projects in Education Research Center, *Diplomas Count*, 2010.

2. ACT, "College Readiness by State," 2010.

3. Analysis of data from NCES Integrated Postsecondary Education Data System, 2010.

4. M. Schneider, *Finishing the First Lap: The Cost of First-Year Student Attrition in America's Four-Year Colleges and Universities* (American Institute for Research: Washington, DC: 2010).

5. U.S. Bureau of Labor Statistics, 2010.

6. Alliance for Excellent Education, "The High Cost of High School Dropouts," unpublished.

7. Scholastic, 2010.

8. NCES, *Nation's Report Card: Reading 2009*; NCES, *Nation's Report Card: Math 2009*; U.S. Department of Education, "EDFacts State Profiles," 2010.

9. U.S. Census Bureau, "American Community Survey," 2009.

10. Stanford Center for Opportunity Policy in Education, 2010.

11. Alliance for Excellent Education, "Saving Now and Saving Later" (Washington, DC: Author, 2011).