

CIVIC MARSHALL PLAN TO BUILD A GRAD NATION 2012 INDEX

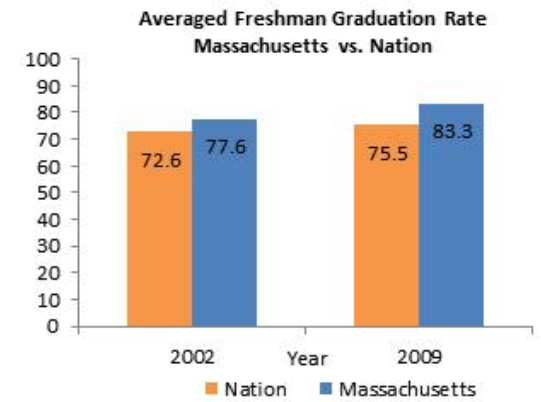
WHERE DOES MASSACHUSETTS STAND?

CONTEXT

Poverty: Massachusetts ranks **41st** in childhood poverty at **14.1** percent.

College Education: Massachusetts ranks **2nd** in college completion at **48** percent.

Sources: Poverty: Current Population Survey (joint effort of Bureau of Labor Statistics and Census Bureau)
College Education: 2009 American Community Survey (Census Bureau)



PROGRESS

CHALLENGES

I	Average Freshman Graduation Rate (AFGR): Increased from 77.6 to 83.3 percent from 2002 to 2009 Average of 0.8 points per year	Needs to increase 0.6 points per year starting in 2009 to reach 90 percent by 2020
II	Class of 2009 had 4,468 more graduates than Class of 2002*	Class of 2020 needs 5,252 more graduates than Class of 2009* to reach 90 percent
III	6 fewer dropout factories in 2010 than 2002	In 2010, there were 18 dropout factories. To reach 0 by 2016, 3 schools need to improve per year.
IV	10,917 fewer students attended dropout factories in 2010 than 2002	20,122 students still attend dropout factories in 2010
V	Percent of 4th graders testing at or above proficient in Reading (NAEP) increased from 40 percent to 50 percent, from 2003 to 2011	35,539 4th graders still not proficient in Reading
VI	Percent of 8th graders testing at or above proficient in Math (NAEP) increased from 38 percent to 51 percent, from 2003 to 2011	35,326 8th graders still not proficient in Math
VII	Students who took at least one AP exam during high school increased 16.0 percentage points, from 20.4 percent to 36.4 percent, from 2001 to 2011	Only 70.1 percent of test-takers scored at least one "3" or higher
VIII	This state has reported the new, four-year adjusted cohort graduation rate (ACGR) that is now required by the U.S. Department of Education (USDOE) and its rate for 2010 is 82.1 percent	All 50 states will not be reporting the new rate until after 2014

ECONOMIC BENEFITS

With a 90 percent graduation rate, the additional graduates could deliver an estimated **\$57 million** in increased annual earnings, **\$18 million** in increased annual state tax revenues, and an increase in the Gross State Product of **\$73 million**.

Source: Previously unpublished Alliance for Excellent Education analysis of data from Economic Modeling Specialists, Inc.