

CIVIC MARSHALL PLAN TO BUILD A GRAD NATION

2014 INDEX

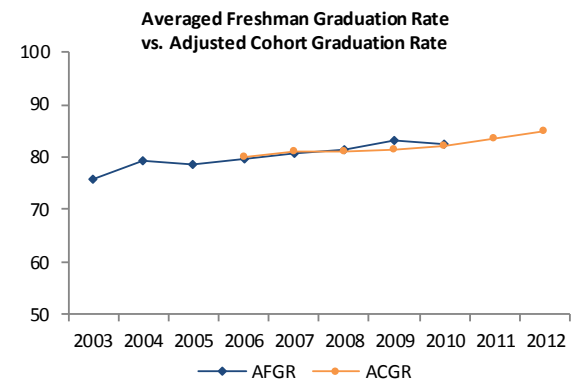
WHERE DOES MASSACHUSETTS STAND?

CONTEXT

Poverty: Massachusetts ranks **36th** in childhood poverty at **16.6** percent.

College Education: Massachusetts ranks **2nd** in college completion at **36.1** percent.

Sources: Poverty: 2013 Current Population Survey (joint effort of Bureau of Labor Statistics and Census Bureau)
College Education: 2012 American Community Survey (Census Bureau)



PROGRESS

CHALLENGES

I	Average Freshman Graduation Rate (AFGR): Increased from 77.6 to 82.6 percent from 2002 to 2010 Average of 0.6 points per year	Needs to increase 0.7 points per year starting in 2010 to reach 90 percent by 2020
II	Class of 2010 had 3,901 more graduates than Class of 2002	Class of 2020 needs 5,773 more graduates than Class of 2010 to reach 90 percent
III	4 fewer dropout factories in 2012 than 2002	In 2012, there were 20 dropout factories. To reach 0 by 2016, 4 schools need to improve per year.
IV	12,840 fewer students attended dropout factories in 2012 than 2002	18,199 students still attend dropout factories in 2012
V	Percent of 4th-graders testing at or above proficient in reading (NAEP) increased from 40 percent to 47 percent, from 2002 to 2012	37,314 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 55 percent, from 2002 to 2012	32,741 8th-graders still not proficient in math
VII	Students who took at least one AP exam during high school increased 15.7 percentage points, from 23.3 percent to 39 percent, from 2003 to 2013	Only 17.2 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). The ACGR for 2012 is 85 percent.	All but 3 states report the new rate. Idaho, Kentucky and Oklahoma were issued waivers from the USDOE allowing them until 2013/2014 to report the new rate.

ECONOMIC BENEFITS

With a 90 percent graduation rate, the additional graduates could deliver an estimated **\$33 million** in increased annual earnings, **\$7.5 million** in increased annual state and local tax revenues, and an increase in the Gross State Product of **\$62 million**.

Source: Previously unpublished Alliance for Excellent Education analysis of data from Economic Modeling Specialists, Inc.