

GOVERNORS' EDUCATION PROFILE SERIES

CLASS OF 2018



NGA is boldly nonpartisan. Through NGA, governors share best practices, speak with an informed voice on national policy and develop innovative solutions that improve state government and support the principles of federalism.



ACT is a mission-driven, nonprofit organization dedicated to helping people achieve education and workplace success. Headquartered in Iowa City, Iowa, ACT is trusted as a leader in college and career readiness, providing high-quality assessments grounded in nearly 60 years of research. ACT offers a uniquely integrated set of solutions designed to provide personalized insights that help individuals succeed from elementary school through career.

¹ https://nces.ed.gov/programs/digest/d17/tables/dt17_203.40.asp?current=yes; https://nces.ed.gov/programs/digest/d16/tables/dt16_203.20.asp?current=yes; https://nces.ed.gov/programs/digest/d17/tables/dt17_304.10.asp?current=yes

² <http://nieer.org/wp-content/uploads/2018/07/State-of-Preschool-2017-Full-7-16-18.pdf>; <https://stats.bls.gov/oes/special.requests/oesm17st.zip>

³ <https://www.nationsreportcard.gov/ndecore/landing>. Analysis done by ACT.

⁴ https://nces.ed.gov/programs/digest/d17/tables/dt17_219.46.asp

⁵ http://www.sheeo.org/sites/default/files/project-files/SHEEO_SHEF_FY2017_FINAL.pdf; https://www.nassgapsurvey.com/survey_reports/2016-2017-48th.pdf

⁶ https://ticas.org/sites/default/files/pub_files/classof2017.pdf; https://factfinder.census.gov/bkmk/table/1.0/en/ACS/17_5YR/DP02/0100000US|0100000US.04000.001. Analysis done by ACT. Reflects adults, residing in the state, aged 25 and older.



GOVERNOR CHARLIE BAKER

- Major Education Priorities:** ★ **Creating Affordable Pathways for Higher Education**
 ★ **Updating Standards and Assessments** ★ **Improving College and Career Readiness**
 ★ **Closing Achievement Gaps** ★ **Strengthening STEM Education**

BACKGROUND: Governor Baker grew up in Massachusetts and attended K-12 public schools. He graduated from Harvard and obtained an MBA from Northwestern University's Kellogg School of Management. He served as the secretary of Health and Human Services and secretary of Administration and Finance under previous governors. Prior to serving as governor he worked as the CEO of Harvard Pilgrim Health Care. Governor Baker is married with three children.

PARTY AFFILIATION: Republican

Early Education and K-12 Educational Priorities

- School Funding:** Added more than \$500M in new local school aid and provided historic rate increase to early educators, worth almost \$100M.
- Standards and Assessments:** Strengthened curriculum and assessments in core academic subjects; adopted Digital Literacy and Computer Science standards in the core high school curriculum; established a full-year middle school civics course.
- Additional Priorities:** English language learners; STEM internships; school security; school counseling and mental health resources; addressing substance use disorder prevention and treatment.
- College and Career Readiness:** Provided high school students with new opportunities to get a head start on college-and-career by launching statewide early college-and-career pathway initiatives.
- Vocational-Technical Education:** Invested more than \$50M to upgrade capital equipment at vocational-technical schools; expanded the number of approved occupational programs; established a new post-secondary pathway to an Associate's degree in manufacturing, through partnerships between vocational high schools and community colleges.

Student Enrollment¹



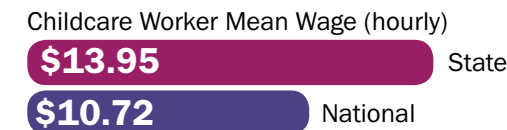
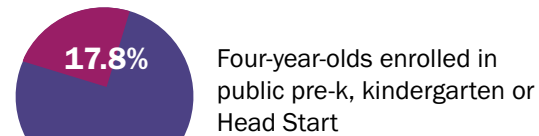
Higher Education and Workforce Priorities

- Higher Education Affordability:** Championed a \$7.5M increase to state financial aid to cover any unmet tuition and fees for all low-income community college students; launched "Commonwealth Commitment"—a new program that gives community college students the chance to earn a bachelor's degree for approximately \$30,000; Enacted a \$950M bond bill to address the long-neglected backlog of deferred maintenance on college campuses.
- Workforce Readiness:** Created the Workforce Skills Cabinet by joining cabinet secretaries in Education, Labor and Workforce Development, and Housing and Economic Development, to develop a comprehensive and coherent approach to closing the skills gap, based on regional workforce strategies.

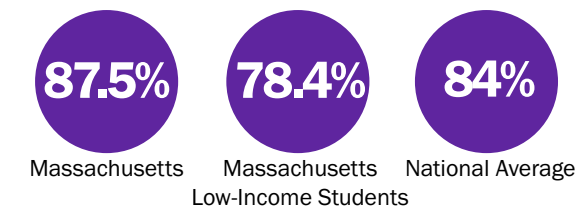
“ We will continue to focus on opportunities, from early education to affordable college tuition rates, to strengthen every community and provide a bright future for our students. ”

State of Massachusetts Education

Early Childhood Facts²

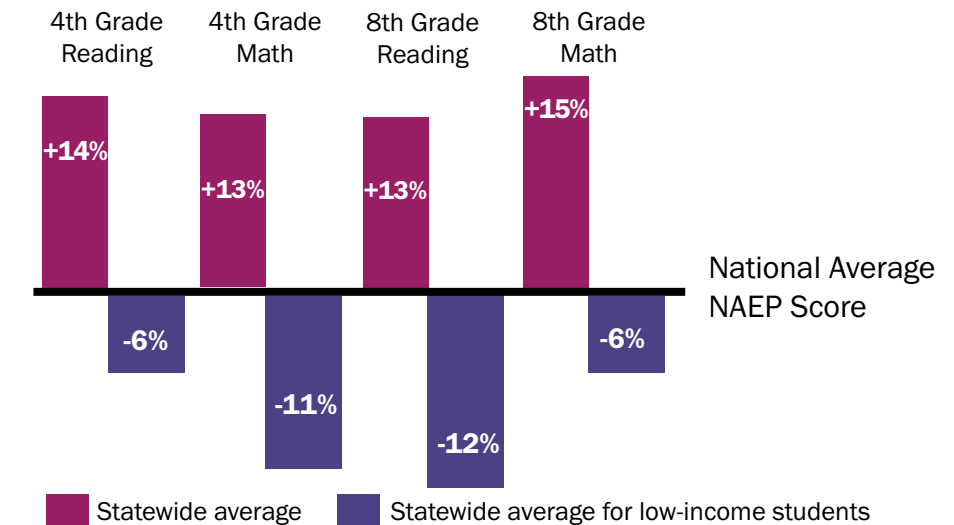


High School Graduation Rate⁴



Massachusetts National Assessment of Educational Progress (NAEP) Scores³

Percentage of students performing at or above proficient level



Are Massachusetts Students Ready for College?

The ACT test is the most frequently taken college entrance exam in the U.S. The chart below shows the ACT Composite score distribution for students in Massachusetts and the U.S.

ACT COMPOSITE	MASSACHUSETTS	NATION
1-18	10.9%	39.9%
19-23	26%	29.1%
24-36	63%	31%

STEM Careers: Are Massachusetts Students Interested and Ready?

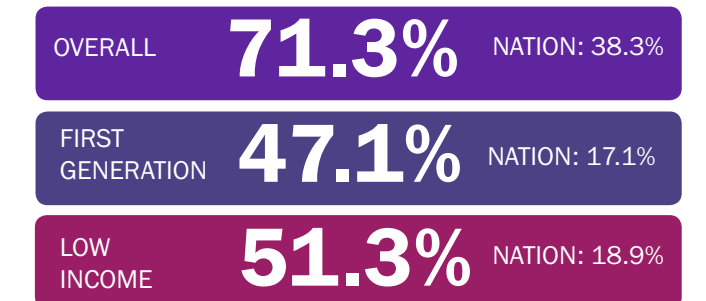
In Massachusetts, **49.5 percent** of ACT-tested students from the class of 2018 had aspirations to pursue a future in STEM. Of those students, **52.6 percent** are prepared for first-year college coursework related to STEM fields.



College Readiness is More than ONE Number

Along with their ACT Composite score, students also receive scores in four subject areas – Math, Science, English and Reading – along with target (or “Benchmark”) scores that will help them gauge their likelihood of earning a B or C in credit-bearing first-year college courses. The percentages of students who met at least three of these four Benchmark scores are provided below.

Students in Massachusetts Who Met at Least 3 of 4 College-Ready Benchmark Scores

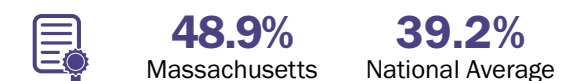


Higher Education Stats⁵

	MASSACHUSETTS	NATIONAL AVERAGE
Educational Appropriations per Full-Time Equivalent	\$7,230	\$7,642
Total State Grant Expenditures as Percentage of State Fiscal Support for Higher Education	6%	12.7%
Percent Change in Total Spending Since 2008	-13%	-11.6%
State Grant Aid per Full-Time Undergraduate Student	\$284.03	\$816.79
Need-based State Grant Aid per Full-Time Undergraduate Student	\$274.76	\$623.66

Higher Education Outcomes⁶

Percent of Residents with an Associate's Degree or Higher:



Percent of Residents with a Bachelor's Degree or Higher:



Average Student Debt:

