



Focus on Students

**Early College High School Opportunities and the Dual Enrollment Program
at Nashoba Valley Technical High School**

Presented by Nashoba Valley Technical High School

Introductions

Denise Pigeon - Superintendent

Kyla Callahan - Guidance & Admissions Coordinator

Gabriella White - Director of Curriculum

Jonathan Nardi-Williams - Guidance Counselor, Dual Enrollment Coordinator

Calie Bridges - Dual Enrollment Student

Erin Doherty - Dual Enrollment Student

Overview of the Presentation

- About Nashoba Tech
- What is Early College High School?
- Dual Enrollment Program at Nashoba Valley Technical High School
- Program Outcomes
- Student Experiences
- Future Plans
- Questions

About Nashoba Tech

- Nashoba Valley Technical High School is located in Westford, Ma and is comprised of eight suburban towns: Ayer, Chelmsford, Groton, Littleton, Pepperell, Shirley, Townsend, and Westford
- We offer 20 career and technical programs aligned with the in-demand careers of the future as well as a full academic course load
- Many of Nashoba's graduates chose to pursue postsecondary training immediately following graduation



- 63% of students in the class of 2014 indicated they planned to attend post-secondary education (exit survey)
- 65% of the class of 2014 indicated they were enrolled in postsecondary education as part of their one-year follow up study

What is Early College High School? Multiple Formats

- Program in which the high school student travels to the college campus or college faculty travel to the high school
- Programs where the student takes a course from a college instructor via distance education
- Articulation agreements where a college retroactively assigns credit for high school coursework upon matriculation
- Advanced Placement and International Baccalaureate high school courses where standardized tests are used to assess students' knowledge at the end of a course
- Concurrent enrollment, where the high school faculty are designated as adjunct college professors whose courses are considered part of both the college and high school program of studies

Options for Early College High School at Nashoba Tech

- Advanced Placement Courses
- Articulation Agreements
- Dual Enrollment Program

DUAL ENROLLMENT PROGRAM AT NASHOBA

- Students are enrolled in both Nashoba Valley Technical High School and one of our partner colleges
 - Middlesex Community College
 - Mt. Wachusett Community College
 - UMass Lowell
 - Fitchburg State University
- Students can earn a NVTHS diploma and have the option of earning an Associate's Degree at the same time
- There are strict eligibility requirements for participation

ELIGIBILITY REQUIREMENTS

- Must have a cumulative GPA of 90%
- Must have taken Algebra II
- Minimum grade of a “C” in their math courses
- Must earn “college level” placement scores on the Accuplacer Exam (determined by the individual college)
- Recommendations from teachers, Assistant Principal and Principal
- Entering grade 11 or 12 and applying for the fall semester
- Student must have earned 80 points or more on the Dual Enrollment rubric
- If accepted into the program, students must continue to meet all eligibility requirements for continued participation

NT Dual Enrollment Eligibility Rubric

Rubric for Dual Enrollment Acceptance

Attendance:
3 Tardies/Dismissals
Equals an absence

20 points (0-5 unexcused absences per year)

10 points (5-9 unexcused absences per year)

0 points (over 9 unexcused absences per year)

The most recent two years are averaged for attendance

Discipline: 10 points (no suspensions)

0 points (1 or more suspensions)

Teacher recommendation: 20 points (average all current year teacher recommendations)

Motivation/Effort (1-4 rating)

Maturity (1-4 rating)

Academic Potential (1-4 rating)

Responsibility (1-4 rating)

Classroom participation (1-4 rating)

Academic Grades: 4.0-3.5 grade point average= 40 points

3.5-3.0 grade point average= 30 points

Standardized Test Scores:

480 or better in ELA plus Math= 10 points

460-479= 5 points

Below 460= 0 points

Need a total of 80 points to be eligible for dual enrollment and overall grade point average MUST be a minimum of a 90% out of 100%

Did the student receive a C or higher in both Geometry and Algebra II. The answer must be yes to be eligible.

Total Points= _____ / 100

COURSE WORK REQUIREMENT PER YEAR

- Must obtain pre-approval for coursework from Nashoba
- Must take 10 courses over the Fall, Winter, and Spring semesters; Summer courses can be allowed in advance of the school year
 - one Mathematics course
 - one Science course
 - one English course
 - one History/Social Science course
 - two Technically related courses
 - two Cluster-based electives
 - one Computer Skill/Business course
 - one Physical Education course per year

STUDENT RESPONSIBILITIES

- Transportation to the college
- Paying for college tuition, fees, books, and all other associated costs
- Seek tutoring services at the college/university's academic support center if they are in need of additional help or attend after school help with an NVTHS teacher
- Attend all scheduled classes
- Request to have an official transcript sent from their college to NVTHS

CONTACT WITH NVTHS

- Students are still part of the NVTHS community and can participate in all extracurricular activities
- Expected to maintain contact with both their Guidance Counselor at Nashoba Tech and their host college/university
- Two face-to-face meetings are held with their NVTHS Guidance Counselor per semester
- One group meeting for all dual students is held per semester to provide school updates
- Provide evidence of having met with his/her professor to check on progress (form provided by NVTHS)
- Students are expected to notify their Guidance Counselor if they may have an issue with grades or attendance
- Seniors must maintain contact with the Nashoba Tech senior class advisor and yearbook advisor for updates on senior class activities and events
- Dual Enrollment Coordinator will send updates via email and X2 announcements as well

FAILURE OF DUAL ENROLLMENT COURSES

- Required to return to NVTHS to complete the education requirements for a high school diploma
- If the student is a senior in the spring semester, he/she will be required to make up the course(s) during the summer session at the college and will not be eligible to participate in the graduation ceremony
- A high school diploma will not be awarded until the summer course(s) is/are successfully completed
- A returning senior is also responsible for completing the Senior Project and Presentation.
- Bi-weekly communication will be made if host college/university notifies NT guidance counselor that a student is in jeopardy of failing a course
- Nashoba Tech can, and will, bring a student back from dual enrollment at its own discretion if need be

AWARDING CREDIT

- Credit is awarded based on their official college transcript
- 4.0 grades are converted to numeric grades using NVTHS conversion table
 - Adapted from the Admissions Standards of the Massachusetts State University System
- 10 credits are awarded per Dual Enrollment course
- Dual Enrollment courses receive extra weight in GPA calculations

A NOTE ON THE ACCUPLACER PLACEMENT EXAM

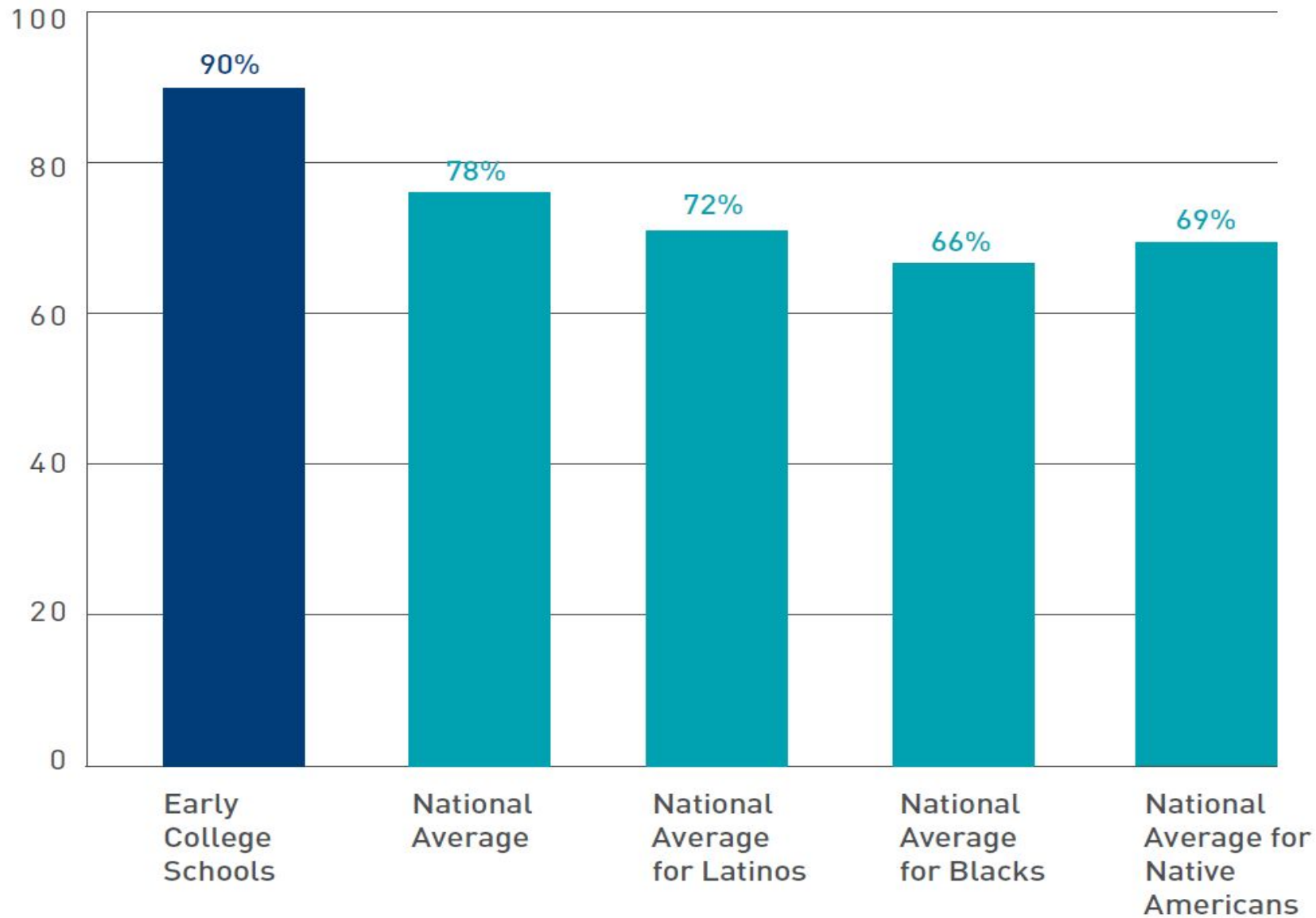
- Almost all community colleges and state universities require the Accuplacer Exam
- Students must score at the “College Level” to be placed in credit bearing English and math courses
- Students must earn credit in English & Math classes to qualify for graduation, therefore, Nashoba Tech will not allow students to enter the Dual Enrollment program who can not earn college level credit in English & Math
- **FREE** study materials are easily accessed on the internet and in text-format and some community colleges offer free “refresher courses” to help prepare for the exam
- Students may take the test up to three times per academic semester (fall/spring) in an attempt to meet the required scores

**OUTCOME DATA FOR
EARLY COLLEGE HIGH SCHOOL**

WHY EARLY COLLEGE?

- Increased graduation rates
- Increased levels of college enrollment immediately upon graduation
- Increased “persistence” - continued enrollment in the second year
- Decrease in the need for remedial coursework

Four-year High School Graduation Rates



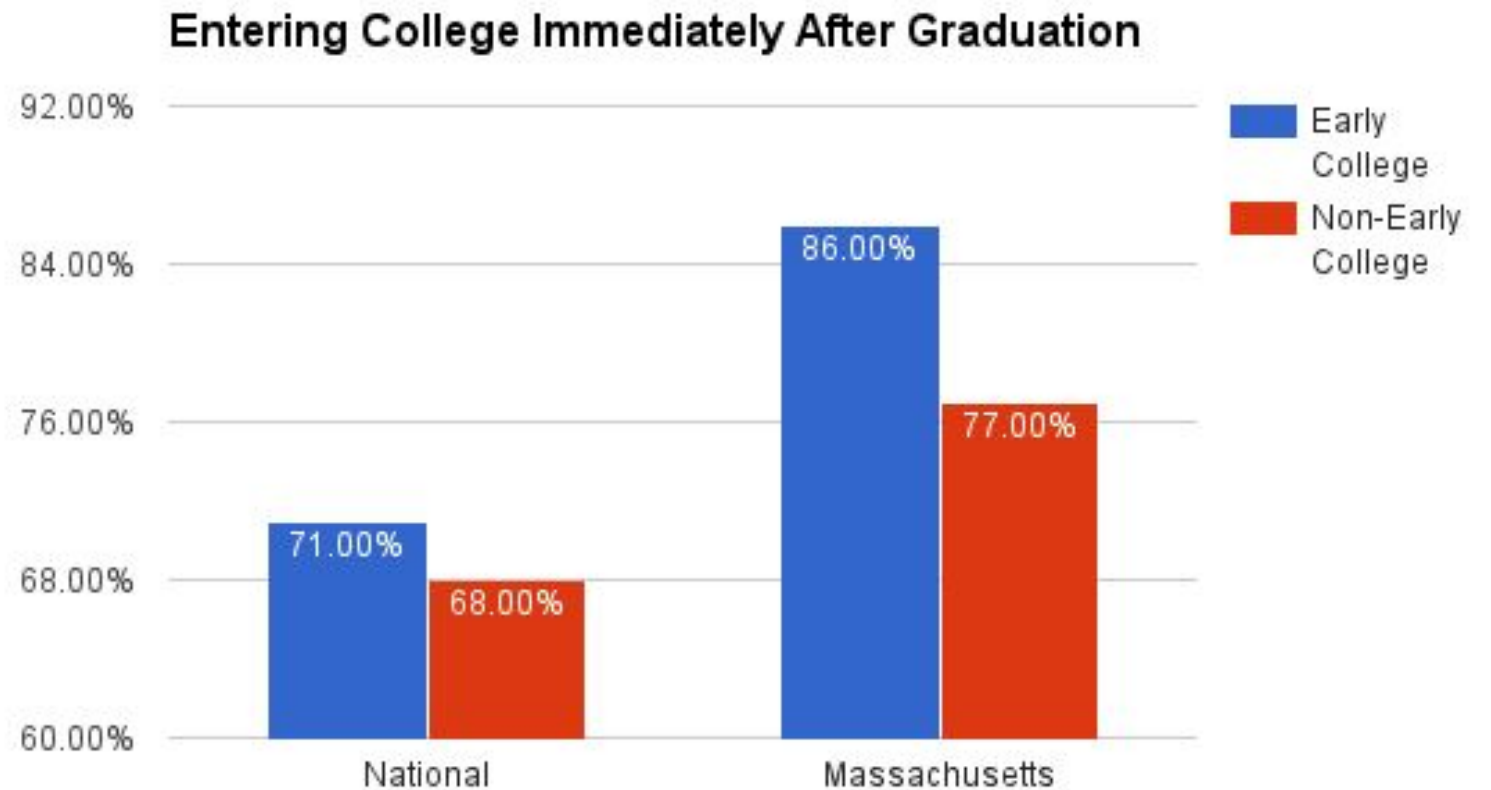
Sources: *Early College High School Initiative Student Information System, Jobs for the Future; U.S. Department of Commerce, Census Bureau; and National Center for Education Statistics.*

ENROLLMENT IN POSTSECONDARY EDUCATION IMMEDIATELY AFTER HIGH SCHOOL

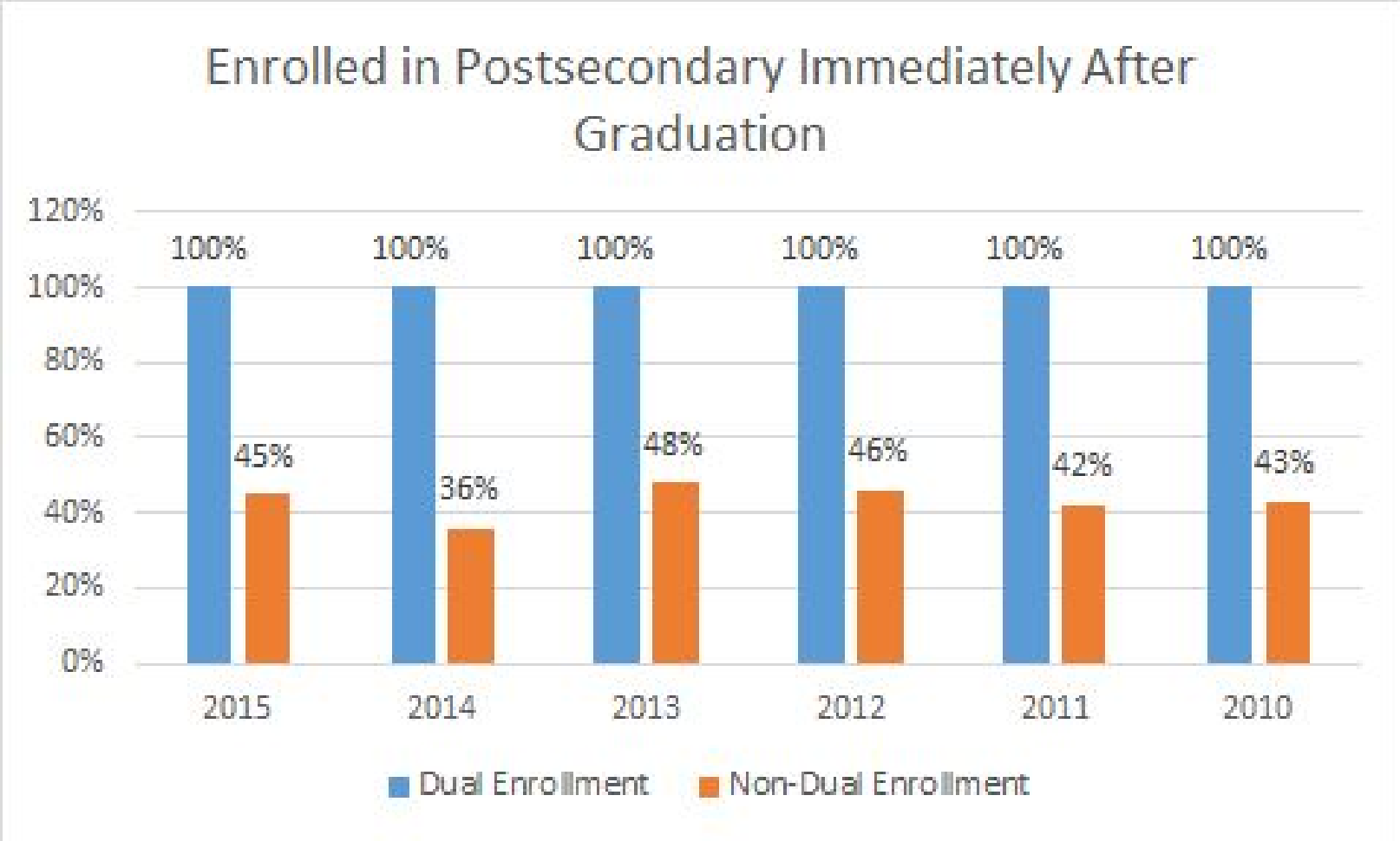
Sources

National: Jobs for the Future-Early College Expansion Report, March 2014

State: Angela Coletta-Acevedo, Assistant Director of Access and Success Strategies, Massachusetts Dual Enrollment Landscape Presentation October, 2015 - data from Edwin Analytics

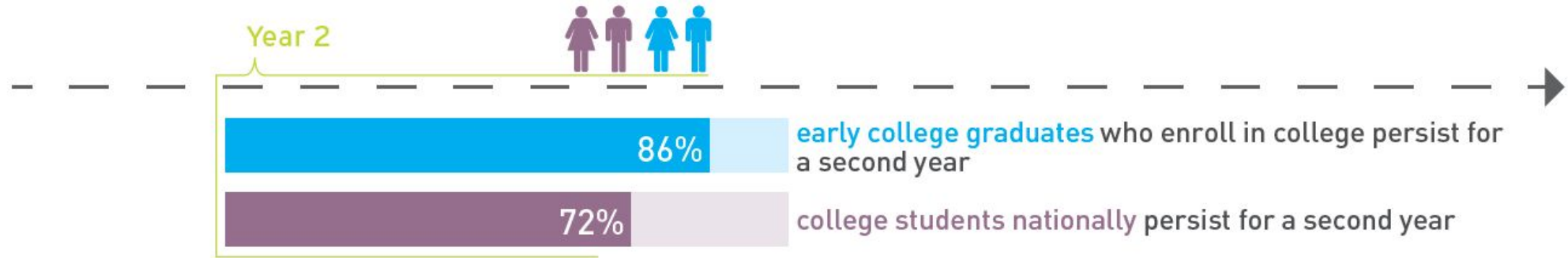


ENROLLMENT IN POSTSECONDARY EDUCATION IMMEDIATELY AFTER HIGH SCHOOL - Nashoba



Source: Executive Office of Education, Edwin Analytics

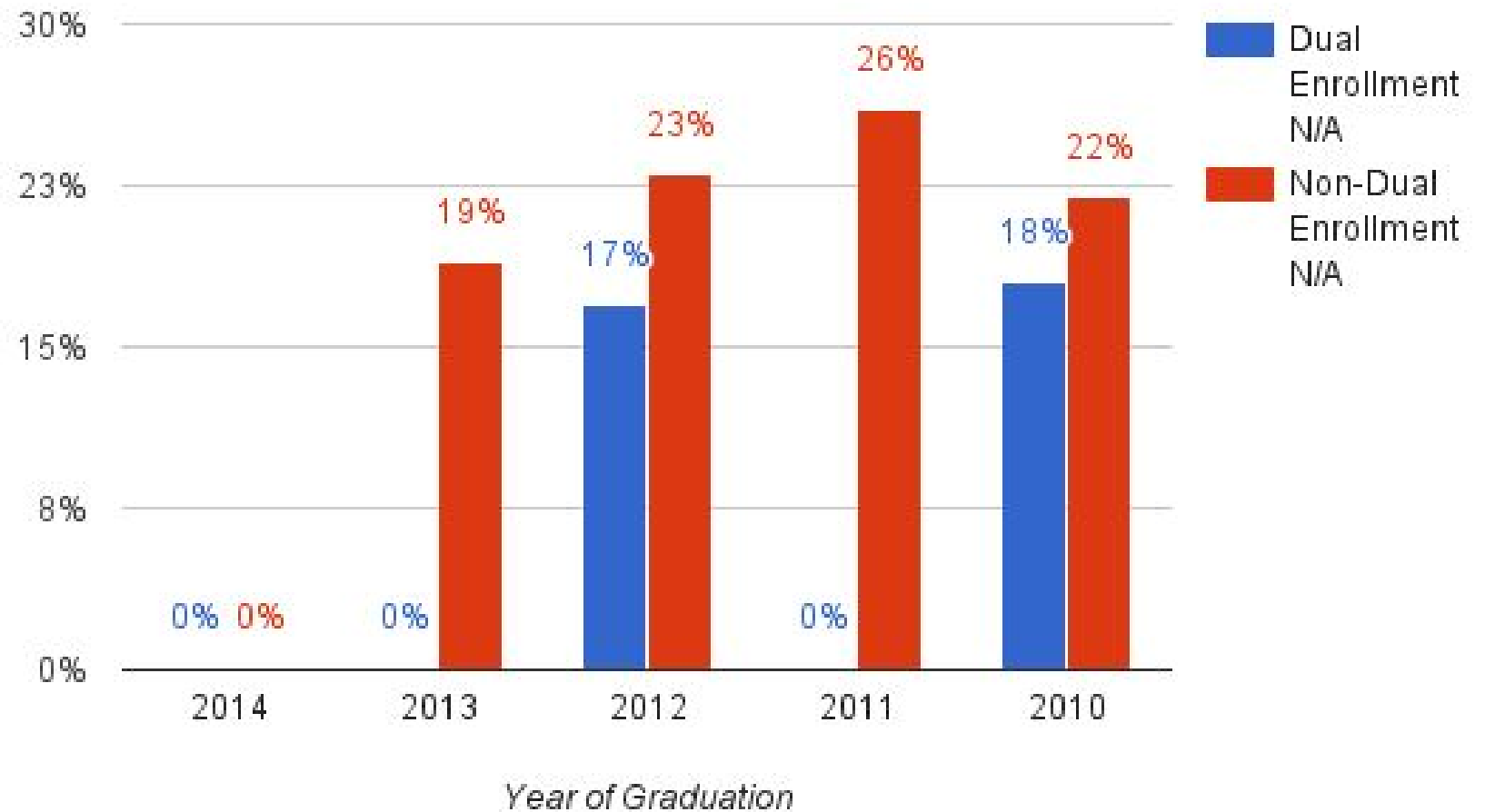
COLLEGE PERSISTENCE



Source: Jobs for the Future-Early College Expansion Report, March 2014

COLLEGE PERSISTENCE - NASHOBA TECH

- Students who left school in their second year before earning their degree
- Source: Executive Office of Education, Edwin Analytics



REMEDIAL COURSE ENROLLMENT DATA

- Nationally, only 14% of Early College High School students enrolled in remedial courses between 2010 and 2011 compared to 23% of non-Early College High School Students (Jobs for the Future, March 2014)
- In 2014, 16.72% of Early College High School students enrolled in developmental courses at the community college level compared to 64.48%, and 9.7% enrolled at the state universities compared to 21.53% (Dual Enrollment Landscape Presentation October, 2015 - data from Edwin Analytics)
- Nashoba Tech does not have data available on enrollment of our students in remedial college courses; however, Dual Enrollment Students had a mean SAT combined score of 1487 between 2010 and 2015, compared to a mean score of 1341

FUTURE PLANS

- Dual Enrollment Course at Mt. Wachusett: Offered after school at their Devens facility for students in our Robotics & Automation program (planned for this spring)
- Advanced Manufacturing credit certificate program with Middlesex Community College: Evening program for adults to earn a certificate in machining, articulated with our Advanced Manufacturing program for students to enter the second year (planned for next year)
- Engineering Associates Degree: Offered in conjunction with Middlesex Community College, a concurrent enrollment program where our teachers will be adjunct professors and student are enrolled in dual enrollment without ever leaving our building (Coming....)

Our latest Associate Degree Recipient Alicia Gentile



[CBS News Coverage of NT Graduate](#)

Future Graduates of NT/Dual Enrollment

We are happy to have two of our current Dual Enrollment students with us today to share their experiences with you.



Calie Bridges



Erin Doherty

Questions?

[Nashoba Valley Tech Promotional Video](#)



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Thank you for attending today's presentation!