Transforming Developmental Education
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The Need for a Comprehensive Approach

For every 100 students enrolling in dev’l math in 2015 (n = 8,142)...

Only 24 completed a credit-bearing math course by 2017.
Transforming Developmental Education

The Need for a Comprehensive Approach

State University Students

For every 100 students enrolling in dev’l math in 2015 (n = 1,405)...

Only 56 completed a credit-bearing math course by 2017.
In order to reduce remediation and increase student success, Massachusetts has adopted a three-pronged approach:

- Assess students properly for credit-bearing courses using multiple measures;
- Ensure students are completing the appropriate math for their major;
- Provide students who require remediation access to co-requisite courses in mathematics, reading, and writing.
At community colleges, **50% of first-time, degree-seeking students will successfully complete a college-level mathematics course appropriate for their major and a college-level Composition course** within one year of initial enrollment/before earning 24 credits unless specified differently in their course of study by AY 2020-2021.

At state universities and University of Massachusetts campuses, **75% of entering first-year degree-seeking students will successfully complete a college-level mathematics course appropriate for their major and a college-level Composition course** within the first year of initial enrollment/before earning 24 credits unless specified differently in their course of study by AY 2020-2021.
Transforming Developmental Education

A Phased Approach

Phase I
Identify Approaches to Transform Developmental Education

Phase II
Pilot the Use of GPA, Development of Math Pathways, and Adoption of Co-requisite Support

Phase III
Transition from Pilot to Policy
Example: Placement Guidelines

**Quantitative Reasoning and Statistics**

- **Placement Standard:** 2.7 GPA
  - Met: Gateway Course
  - Not Met: Placement Standard: Accuplacer
    - Met: Gateway Course
    - Not Met: Co-requisite Support

**Calculus and Elementary Education**

- **Placement Standard:** 2.7 GPA
  - Met: Gateway Course
  - Not Met: Placement Standard: Accuplacer
    - Met: Gateway Course
    - Not Met: Intermediate Algebra (Developmental)

**A2B Pathways with QR or Statistics**
- Quantitative Reasoning: English, Fine Arts, History, Graphic Design
- Statistics: Criminal Justice, Political Science, Psychology

**A2B Pathways with Calculus or Elementary Education**
- Calculus: Biology, Chemistry, Computer Science, Engineering
- Elementary Education: Early Childhood Education, Elementary Education
Questions