Statway & Quantway Overview and Results

Carnegie Foundation for the Advancement of Teaching

The Problem

60% of freshman entering community colleges are assigned to developmental math.

Only 20% of these students continue on to pass a required college level math class after 3 years.

500,000 STUDENTS in every cohort will never complete their college math requirement.

A New Approach

The Carnegie Foundation for the Advancement of Teaching and academic researchers from across the country who used improvement science to design and develop Statway and Quantway, a new accelerated and student-centered approach to learning and teaching math.

Benefits of the Carnegie Math Pathways

The Pathways are taught using a unique pedagogical approach that promotes collaborative learning and addresses social-emotional factors that affect student success.

Many more first-generation, low-income, Hispanic, and African American developmentalmath students are able to achieve higher levels of education.

The Pathways have produced consistently positive and substantial improvement in student outcomes, even as enrollment has quadrupled since the first year.

Statway students save time and money by completing transfer-level mathematics requirements more quickly. Institutions save money because students go on to take and succeed in more courses.

Carnegie Math Pathways vs. Traditional Math Sequence

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
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<tbody>
<tr>
<td>Elementary Algebra</td>
<td>Intermediate Algebra</td>
<td>College-Level Mathematics</td>
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Statway Success

Statway students achieve twice the success in half the time. In 2016-17, 60% of Statway students successfully completed college math credit in a single year compared to only 16% of students in traditional developmental math in two years.3

Statway Credit Accumulation

In the year after completing Statway, students accumulate 7.8 college-level credits compared to 5.2 credits among comparable non-Statway students, nearly an additional 2.5 credit-bearing course. Statway students advance more quickly toward degree completion goals, and save colleges money.3

Statway Associate Degree Completion

Statway students earn associate degrees at a comparable rate as all students at the same school.5

Statway 2-1+4-year College Transfer Rates

43% of Statway students transfer from community college to four-year institutions within 5 years. By comparison, 32% of all community college students nationwide transfer to four-year institutions within 6 years.6

Quantway Success

Quantway students earn comparable GPAs in college-level math courses as non-Statway students at the same school.4

Quantway Grade Point Average (GPA) Increases

Quantway students earn comparable GPAs in college-level math courses as non-Statway students at the same school.4

Quantway Associate Degree and Credential Completion Rates

27% of Quantway students earn an associate degree or other 2-year credential compared to 18% of students at the same community college.8

Quantway 2+1+4-year College Transfer Rates

46% of Quantway students transfer from community college to four-year institutions within 5 years. By comparison, 32% of all community college students nationwide transfer to four-year institutions within 5 years.8

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