CARNEGIE MATH PATHWAYS

A network approach to implementation at scale

Karon Klipple
Executive Director
Idea

Initial commitment

2009
2010
2011

2,000 students
21 colleges

Iterative Improvement

30,000+ students
90+ colleges

2018
Statway Outperforms Comparison Group at Every College
Triple the Success in Half the Time (2011-2017)

**Statway**
1 year stretch pathway replaces 3-4 courses (2-3 dev + 1 college)

- Baseline Success - 2 Years: 15%
- Statway Success - 1 Year: 54%

**Quantway**
1 semester course replaces 2-3 courses

- Baseline Success - 1 Year: 21%
- Quantway Success - 1 Term: 63%
Advancing Equity: Improving Outcomes For All Subgroups

Statway - Academic Year

<table>
<thead>
<tr>
<th>Group</th>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>46%</td>
<td>19%</td>
</tr>
<tr>
<td>Black</td>
<td>44%</td>
<td>11%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>44%</td>
<td>15%</td>
</tr>
<tr>
<td>White</td>
<td>54%</td>
<td>21%</td>
</tr>
<tr>
<td>Black</td>
<td>41%</td>
<td>10%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>39%</td>
<td>14%</td>
</tr>
</tbody>
</table>

Matched comparison - 2 Years
Holistic Approach Matters
Improvement as Enrollment Grows

<table>
<thead>
<tr>
<th>Year</th>
<th>Cor Higher</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>50%</td>
</tr>
<tr>
<td>2012-13</td>
<td>57%</td>
</tr>
<tr>
<td>2013-14</td>
<td>51%</td>
</tr>
<tr>
<td>2014-15</td>
<td>49%</td>
</tr>
<tr>
<td>2015-16</td>
<td>50%</td>
</tr>
<tr>
<td>2016-17</td>
<td>61%</td>
</tr>
</tbody>
</table>

Graph showing enrollment growth from 2011-12 to 2016-17.
For every 10 traditional students, more than 15 Statway students earn their two-year degree/credential.
For every 10 traditional students, 17 Statway students transfer to a four-year institution.
For every 10 traditional students, more than 22 Statway students earn their four-year degree.
Student Beliefs

Because I have had such a turn around in the way I feel as someone who is competent at doing math, it has started to translate into the other things that I do in my life. I feel like I am growing a new capacity.
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