

El Camino College Compton Center
Math-23 Tracking
Fall 2007 & Spring 2008



At El Camino College Compton Center, Math-23 is a Basic Skills Math course that is three levels below transfer-level Math. In this study, students who enrolled in Math-23 for the first time during the terms of Fall 2007 and Spring 2008 were tracked until Summer 2009 and Winter 2010, respectively, to find how many students enroll and successfully complete the Basic Skills Math Track. Students that pass a course in one or more attempts during the time frame are counted in the success rate, regardless of the amount of attempts in the course.

Basic Skills Math Courses		
<i>Course Number</i>	<i>Course Subject</i>	<i>Levels Below Transfer-Level Math</i>
Math-23 or 25	Pre-Algebra	3
Math-40 or 33/43 (<i>formally 41A/41B</i>)	Elementary Algebra	2
Math-73 or 80 (<i>formally 70</i>)	Intermediate Algebra	1

Success Rates* for Math-25 Cohorts			
<i>Term</i>	<i>Math-23 or 25</i>	<i>Math-40</i>	<i>Math-73 or 80</i>
Fall 2007	62%	51%	57%
Spring 2008	56%	54%	70%

*Success Rate is the percentage of students enrolled in the course and passed in one or more attempts

Improvement Rates** from Math-23 or 25 to...		
<i>Term</i>	<i>Math-40</i>	<i>Math-73 or 80</i>
Fall 2007	39%	14%
Spring 2008	39%	14%

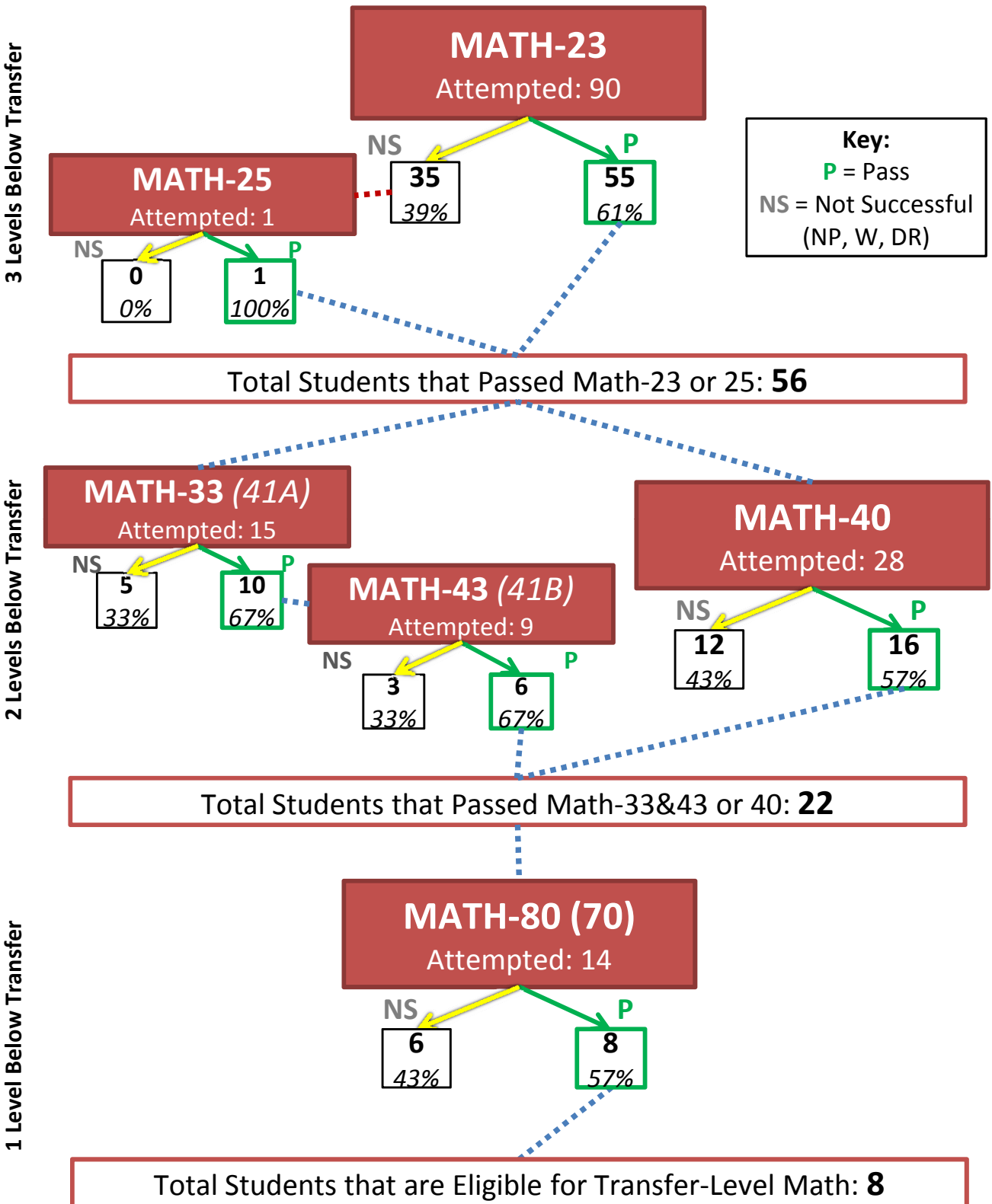
**Improvement Rate is the percentage of students that passed a subsequent Math course of those who passed Math-23 or 25

The Fall and Spring cohorts had almost the same number of first time Math-23 or 25 students with 90 and 91 students, respectively. The Fall cohort had a higher success rate in Math-23 & 25, but the Spring cohort had higher success rate in the other Basic Skills Math courses.

Students that enrolled and passed Math-23 or 25 in Fall 2007 or Spring 2008 were tracked to find how many students were successful in other courses on the Basic Skills Math courses. The Fall and Spring cohorts had identical improvement rates in both Math-40 and Math-73 & 80.

Tracking of El Camino College Compton Center Students who First Attempted Math-23 in Fall 2007

Fall 2007 - Summer 2009 (8 Terms) n = 90 Students



Tracking of El Camino College Compton Center Students who First Attempted Math-23 in Spring 2008

Spring 2008 - Winter 2010 (8 Terms) n = 91 Students

