Relationship between math success rates and the number of semesters elapsed since taking the prerequisite math course

Presentation by Rajinder Samra, Director of Institutional Research and Planning
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Methodology

- First-time Math 65, 55, or 42A students who passed the prerequisite math course at Las Positas were included in the data.

- Success rates were only for Springs and Falls between Spring 2002 and Fall 2002.


- When determining how many semesters elapsed between math courses, students were tracked retrospectively to their prerequisite math course.

- When determining the number of elapsed semesters, Summer semesters were grouped with Spring semesters.
Success rates of first-time Math 65 students and the number of semesters elapsed since math 106/107/107Y
Aggregated data from Spring 2002 to Fall 2011
N= 1,025

Success rates for summers were excluded.
First-time Math 65 students
Number of semesters elapsed since taking Math 106, 107, or 107Y
Aggregated data from Spring 2002 to Fall 2011
N =1,025

- No Semesters Elapsed: 86%
- 1 semester: 8%
- 2 semesters: 3%
- 3 semesters: 1%
- 4 semesters: 1%
- 5 or more semesters: 1%
Success rates of first-time Math 55 students and the number of semesters elapsed since math 65/65B/65Y
Aggregated data from Spring 2002 to Fall 2011
N= 2,667

Success rates for summers were excluded.
First-time Math 55 students
Number of semesters elapsed since taking Math 65, 65B, or 65Y
Aggregated data from Spring 2002 to Fall 2011
N = 2,667

- No Semesters Elapsed: 83%
- 1 semester: 9%
- 2 semesters: 3%
- 3 semesters: 1%
- 4 semesters: 1%
- 5 or more semesters: 2%
Success rates of first-time Math 42A students and the number of semesters elapsed since math 55/55B/55Y
Aggregated data from Spring 2002 to Fall 2011
N= 1,482

Success rates for summers were excluded.
First-time Math 42A students
Number of semesters elapsed since taking Math 55, 55B, or 55Y
Aggregated data from Spring 2002 to Fall 2011
N = 1,482

- No Semesters Elapsed: 64%
- 1 semester: 16%
- 2 semesters: 7%
- 3 semesters: 5%
- 4 semesters: 3%
- 5 or more semesters: 5%
What percentage of Math 65, 55, or 42A students take the prerequisite math course at Las Positas?
Math 65 students
Students who took or did not take the prerequisite math course at Las Positas
Aggregated data from Spring 2002 to Fall 2011
N = 6,206

- 78% did not take the prerequisite course at Las Positas
- 22% took the prerequisite course at Las Positas
Math 55 students
Students who took or did not take the math prerequisite course at Las Positas
Aggregated data from Spring 2002 to Fall 2011
N =6,856
Math 42A students
Students who took or did not take the math prerequisite course at Las Positas
Aggregated data from Spring 2002 to Fall 2011
N = 2,954