

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

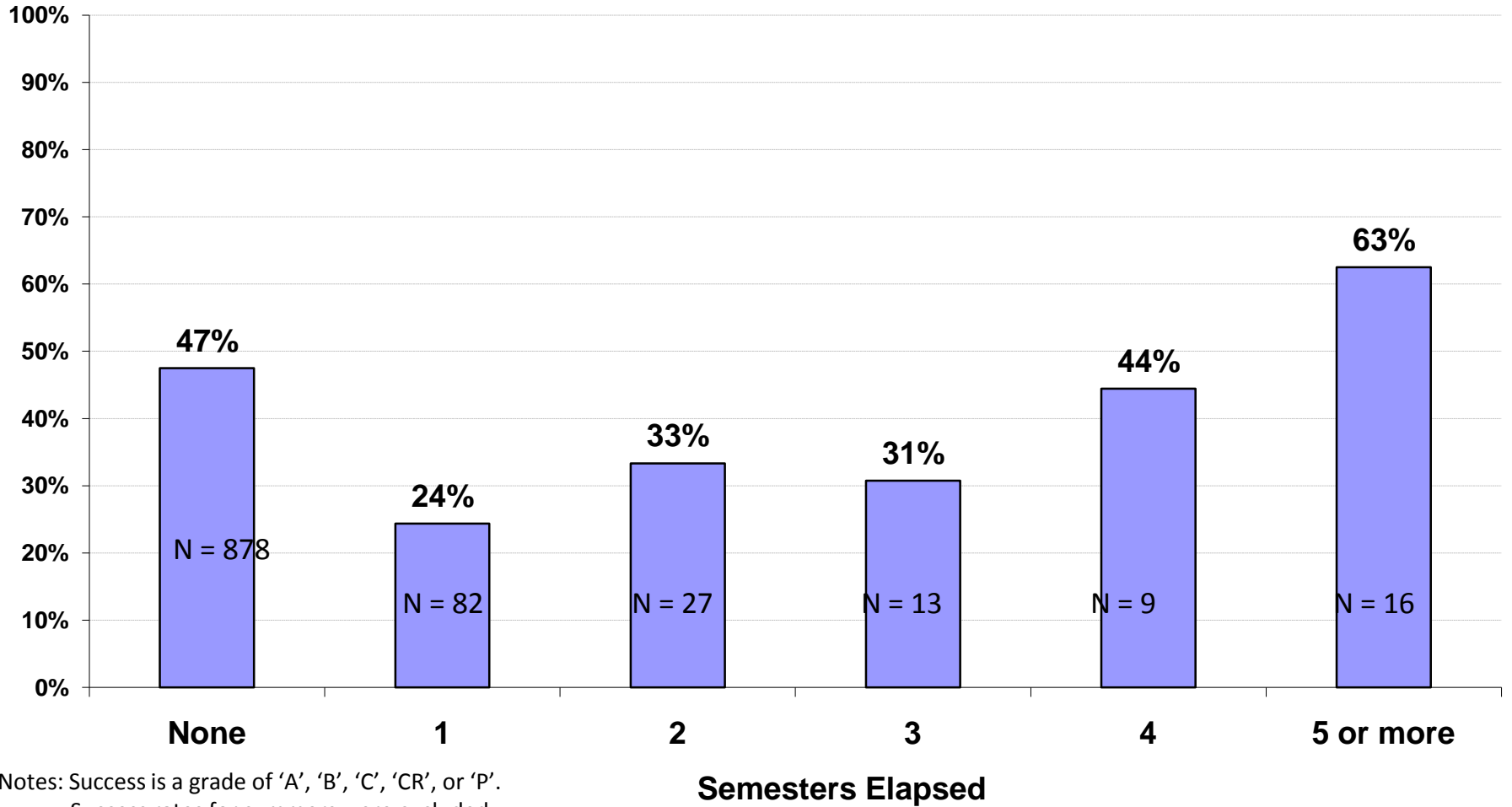
Presentation by Rajinder Samra, Director
of Institutional Research and Planning

May 4, 2012

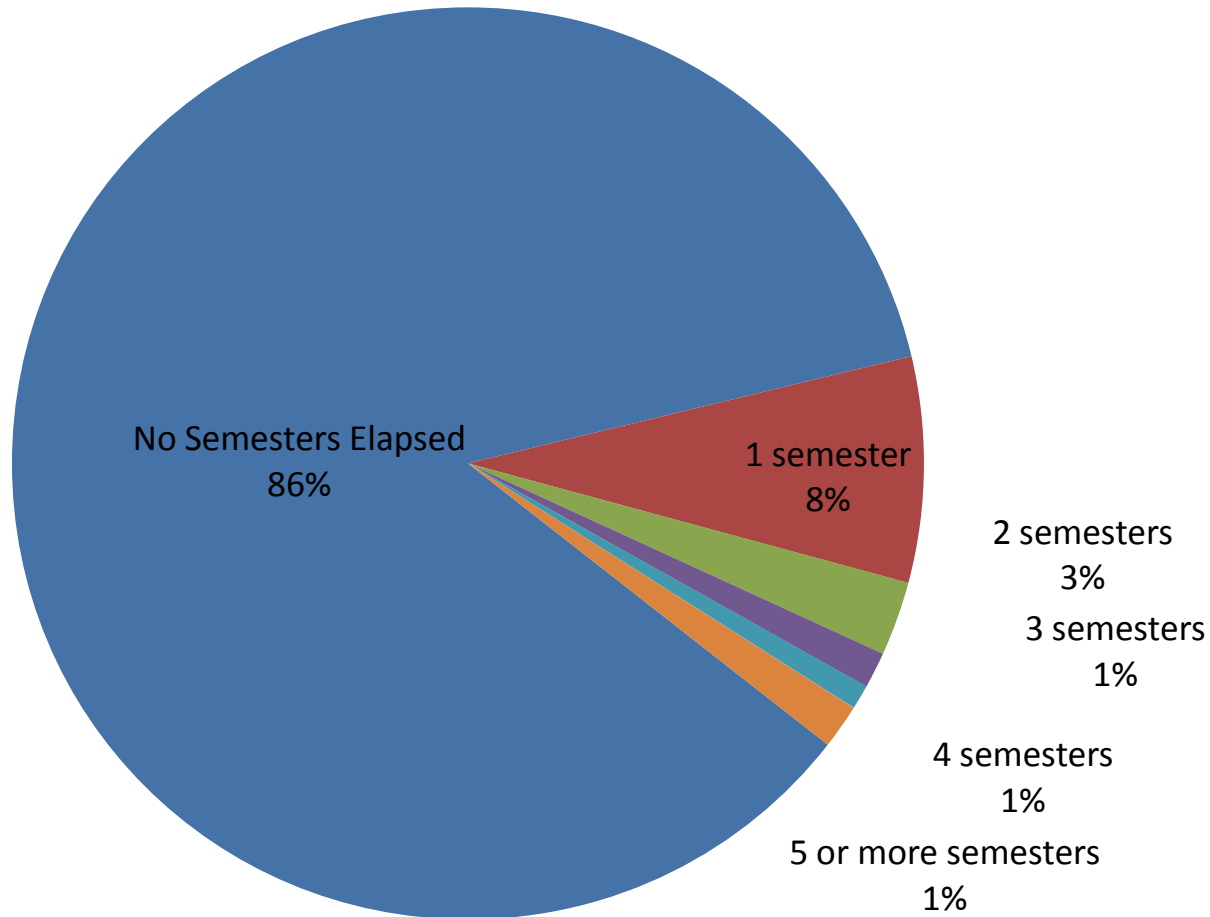
Methodology

- 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
- Success is a grade of 'A', 'B', 'C', 'CR', or 'P'.
- 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.

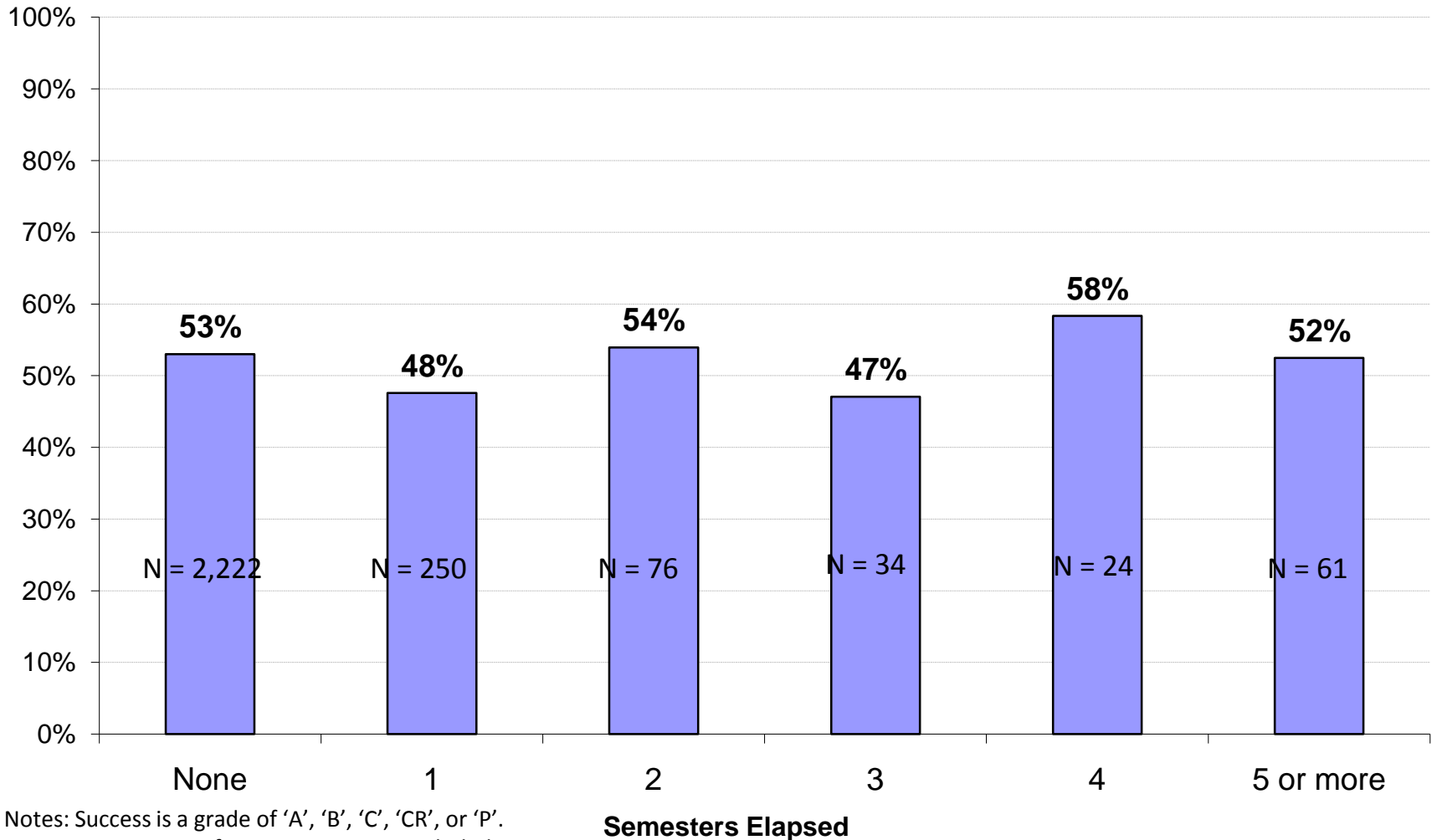
Success rates of first-time Math 65 students and the number of semesters elapsed since math 106/107/107Y
Aggregated data from Spring 2002 to Fall 2011
N= 1,025



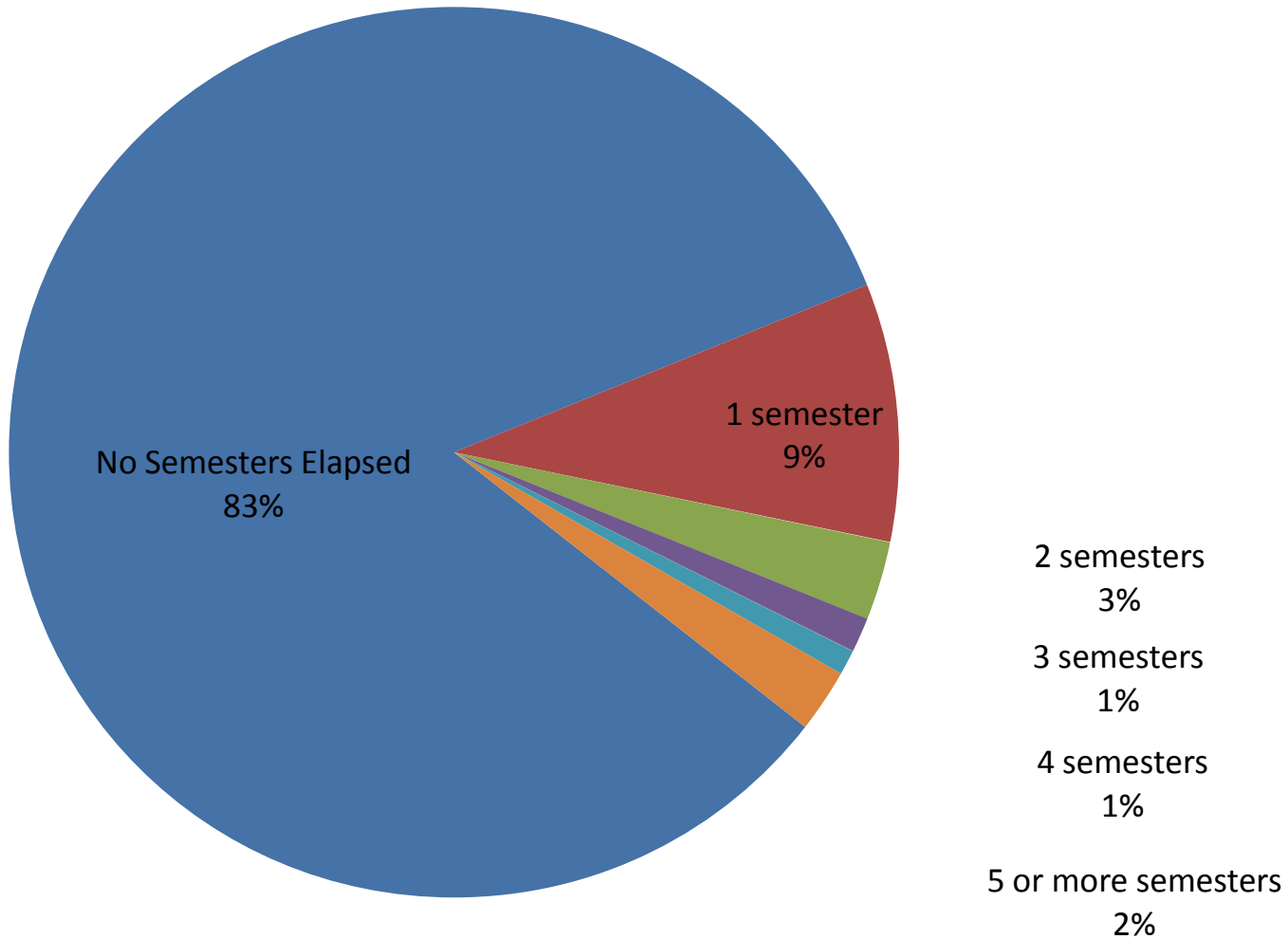
First-time Math 65 students
Number of semesters elapsed since taking Math 106, 107, or 107Y
Aggregated data from Spring 2002 to Fall 2011
N =1,025



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

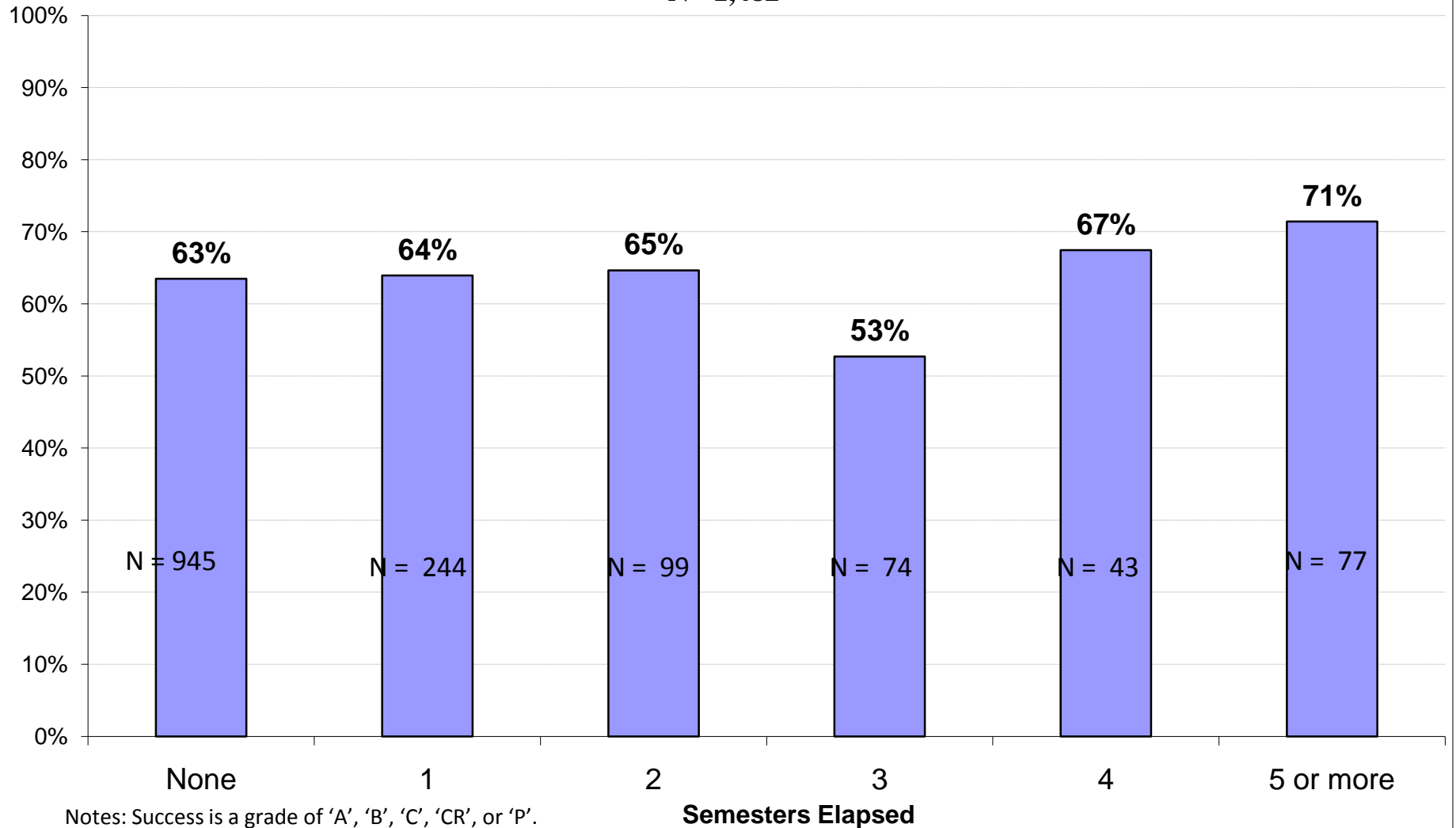


First-time Math 55 students
Number of semesters elapsed since taking Math 65, 65B, or 65Y
Aggregated data from Spring 2002 to Fall 2011
N =2,667



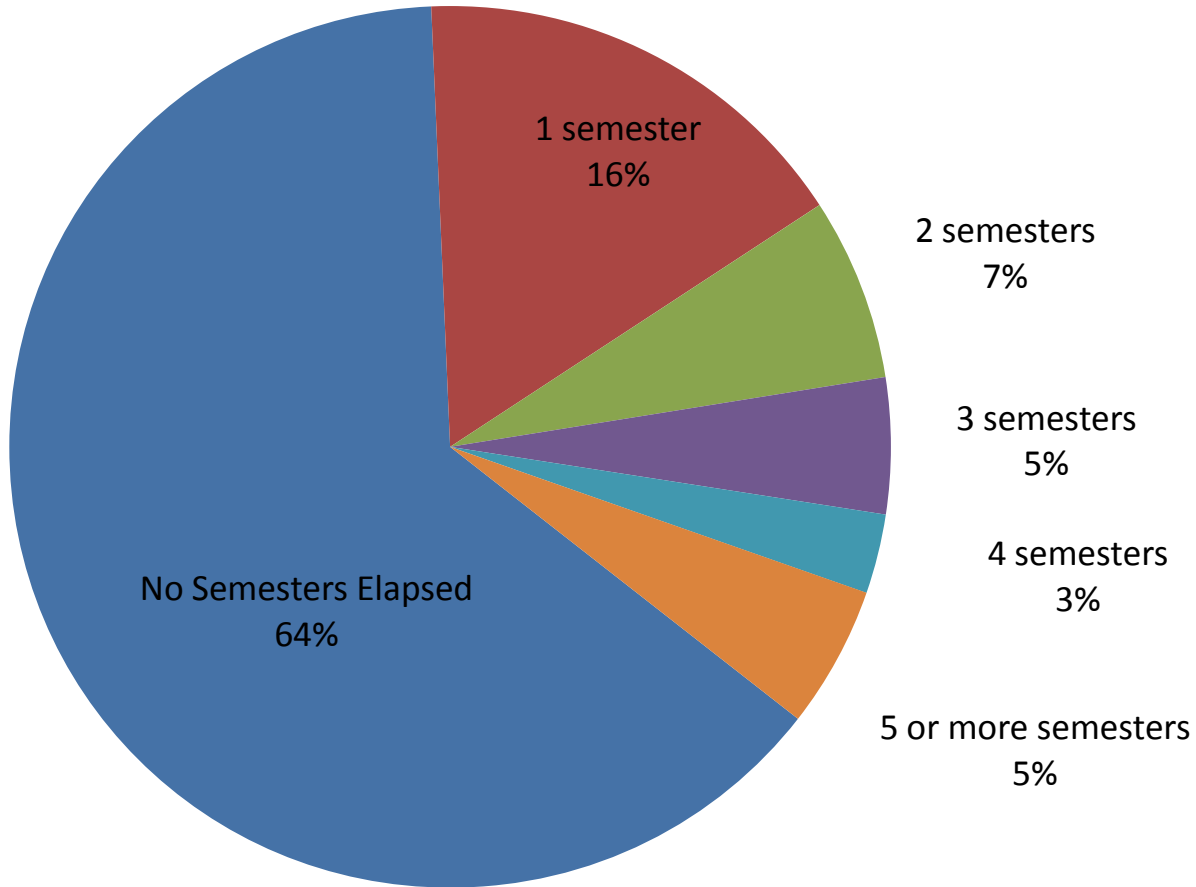
Success rates of first-time Math 42A students and the number of semesters elapsed since math 55/55B/55Y
Aggregated data from Spring 2002 to Fall 2011

N = 1,482



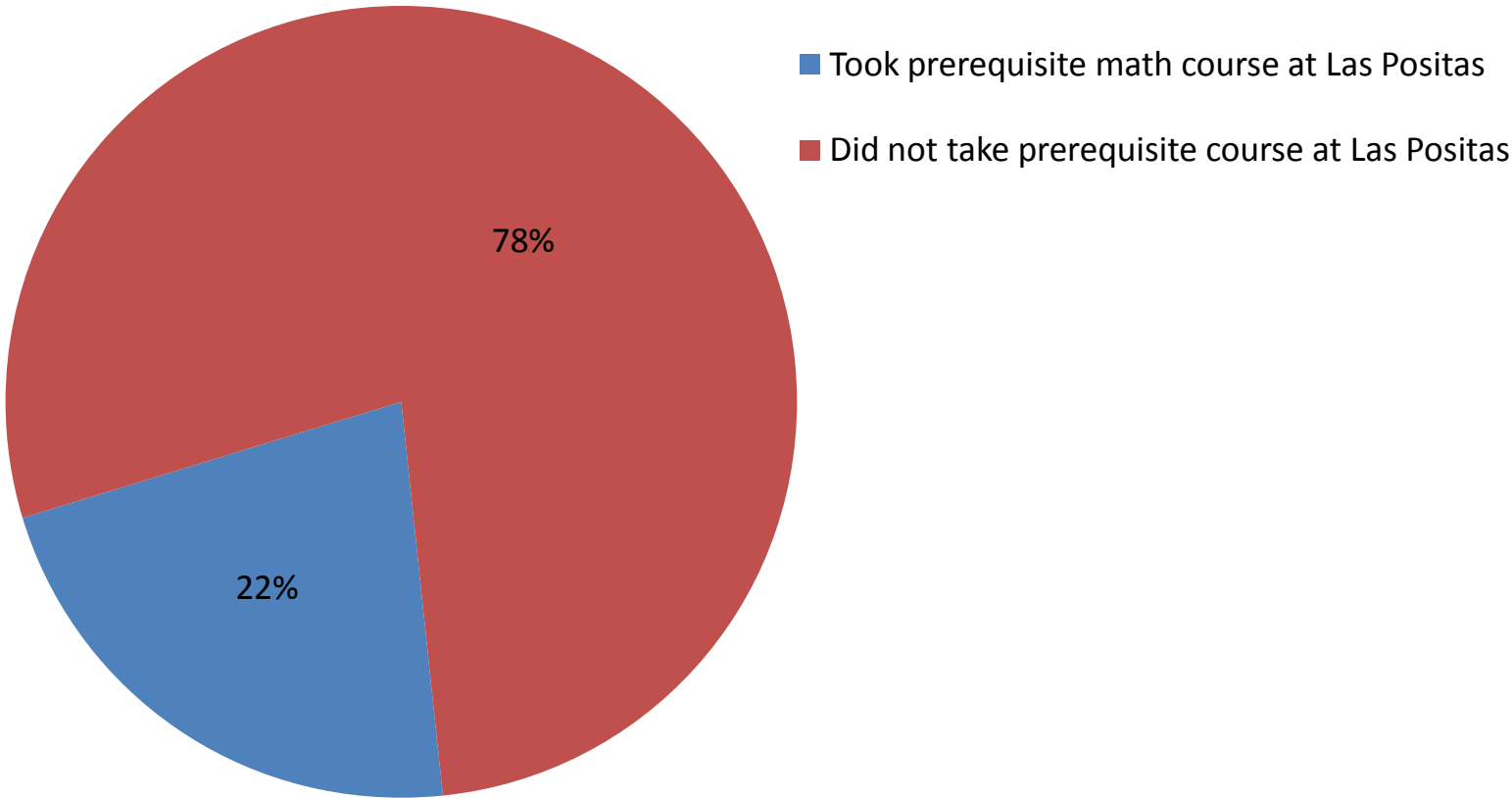
Notes: Success is a grade of 'A', 'B', 'C', 'CR', or 'P'.
Success rates for summers were excluded.

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

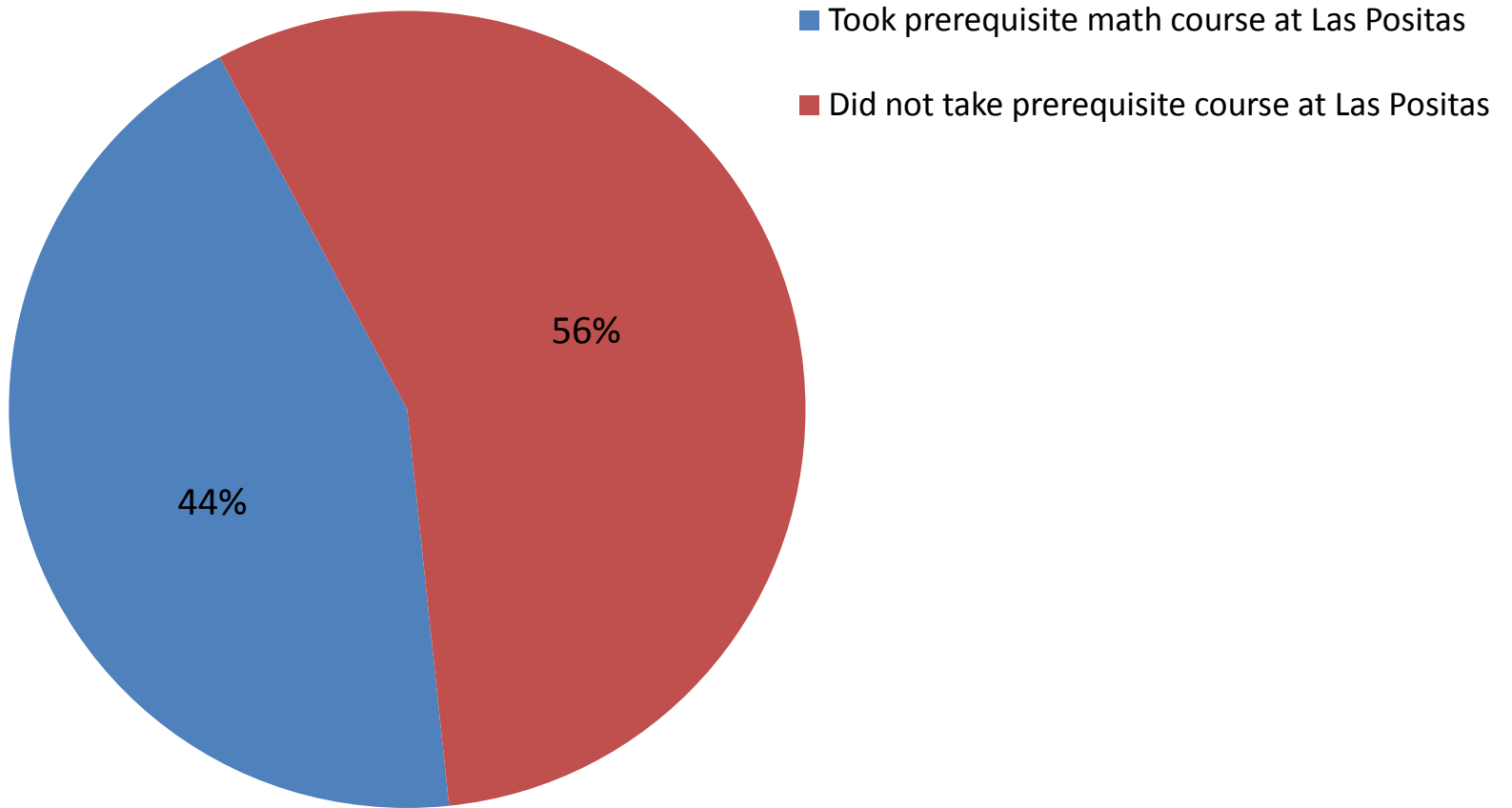


What percentage of Math 65, 55, or 42A students take the prerequisite math course at Las Positas?

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



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

