

SUMMARY OF MATH INTERVENTION DATA

Math Intervention Program: Students initially placed into lowest-level math were given the opportunity to participate in a short refresher course in the Summer or Winter Session depending on when they took the placement test. Upon completion of the refresher course, students were allowed to repeat the math placement test.

The following data summarize five separate terms representing 66 students who completed the refresher course and retested in math. Outcomes are arranged into two stages: retest placement after refresher course, and outcomes of those who enrolled in math courses during next term after refresher course.

Retest Outcomes (66 out of 84 retested)

Retest Placement	# of Students	% of Students
Lowest-Level (Stayed at Arithmetic/Pre-Algebra)	20	30.3%
One Level Higher (Elementary Algebra)	14	21.2%
Two Levels Higher or more (Intermediate Algebra or higher)	32	48.5%
Total	66	100%

Course Outcomes

Math Class in Term Following MI

	MI Students	Comparison Group
Success	65%	60%
Retention	83%	84%

Comments:

- Above outcomes are based on 40 students persisting to math in term following MI.
- 39 out of the 40 enrolled in the same level at which they retested.
- Comparison group for above success & retention rates were all other students who were in math class with MI students

Successful Completion of Math 35

MI Students	Comparison Group
51.0%	12.7%

Comments:

- There were 48 students who ever attempted math after retesting in the MI and they were tracked through Fall 2008
- Comparison group was cohort of first-time college students who began in Fall 2004 and tracked through Summer 2008

THREE-WEEK RETEST VS. SIX-WEEK RETEST

Placement for Students Retesting at Three Weeks

Retest Placement	# of Students	% of Students
Lowest-Level (Stayed at Arithmetic/Pre-Algebra)	5	35.7%
One Level Higher (Elementary Algebra)	1	7.1%
Two Levels Higher or more (Intermediate Algebra or higher)	8	57.2%
Total	14	100%

Placement for Students Retesting at Six Weeks

Retest Placement	# of Students	% of Students
Lowest-Level (Stayed at Arithmetic/Pre-Algebra)	15	28.9%
One Level Higher (Elementary Algebra)	14	26.9%
Two Levels Higher or more (Intermediate Algebra or higher)	23	44.2%
Total	52	100%