

Math Enrollment Trends Relative to Overall Enrollment

MCCC enrollment and MATH-090, 092/150, and 151 enrollment were aggregated for the fall and winter semesters of academic years 2008-09 to 2015-16 to determine trends. The graph illustrates these variables plus average Monroe County unemployment rate and tuition per credit hour (inflation-adjusted) over time. All variables were converted to percentiles to make them easier to compare. Enrollment and unemployment rate had the same percentile scores across years. The math redesign program commenced in Winter 2012. Since then MATH-090 has fluctuated between increased and decreased enrollment. MATH-092 enrollment has decreased at the same or greater extent than overall enrollment, except for academic year 2013 where it was more favorable (-5.2%) than overall enrollment (-8.1%). Also except for 2013, MATH-151 enrollment has decreased at a higher rate than overall enrollment; from the 2014 to 2015 academic year it decreased 11.3% relative to the 8.1% decrease in general enrollment. Enrollment data is correlational so any other factor that varied (e.g. unemployment rate, tuition, cut score policy) may account for enrollment changes.

Enrollment, Math Enrollment, and Percentage Change from Year-to-Year

	FL08-WI09		FL09-WI10		FL10-WI11		FL11-WI12		FL12-WI13		FL13-WI14		FL14-WI15		FL15-WI16	
MATH-090	463	N/A	500	8.0%	516	3.2%	480	-7.0%	589	22.7%	560	-4.9%	427	-24.0%	436	2.1%
MATH-092/150	825	N/A	881	6.8%	838	-4.9%	823	-1.8%	640	-22.2%	607	-5.2%	512	-15.7%	470	-8.2%
MATH-151	380	N/A	504	32.6%	554	9.9%	567	2.3%	516	-9.0%	480	-7.0%	417	-13.0%	370	-11.3%
Enrollment (dup)	8858	N/A	9186	3.7%	9183	0.0%	8591	-6.4%	8015	-6.7%	7369	-8.1%	6748	-8.4%	6204	-8.1%

Enrollment, Math Enrollment, Unemployment Rate, and Tuition across Academic Years

