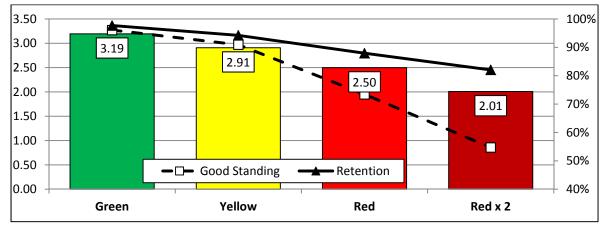
GVSU Participated in the MAP-Works program for first-year students in the last three fall semesters. MAP-Works is a student retention tool consisting of an online survey that triggers a customized student feedback report and diagnostic information for university advisors. In principle, the survey collects indications of students' risk for dropping out of college at an early stage (3 to 5 weeks into the fall semester) that will allow students to change their trajectory with proper support.

## **GVSU Factor scores and related outcomes:**

Factor	Change (2010 to 2011)	Change (2009 to 2010)	Peer Comparison (2011)	Predictive Value (Retention)	Predictive Value (Grades)
Commitment to the Institution		<b>\</b>	<b>*</b>	+	
Self-Assessment: Communication Skills	<b>1</b>		<b>↑</b>		
Self-Assessment: Analytical Skills	<b>1</b>	1	<b>↑</b>		
Self-Assessment: Self-Discipline					
Self-Assessment: Time Management	<b>↑</b>	<b>↑</b>	<b>↑</b>		+
Financial Means	<b>\</b>	<b>\</b>			
Basic Academic Behaviors	1	1	1	+	+
Advanced Academic Behaviors	<b>↑</b>	<b>1</b>			
Academic Self-Efficacy	<b>1</b>	1			
Peer Connections	1	<b>\</b>			
Homesickness: Separation**			<b>\Psi</b>		
Homesickness: Distressed**	<b>1</b>	<b>\</b>		+	
Academic Integration		<b>1</b>			
Social Integration		<b>\psi</b>	<b>\</b>		
Satisfaction with Institution			<b>↑</b>	+	

<sup>↑</sup> Improved over time or GVSU above peers;

## **GVSU MAP-Works Alert levels and related outcomes**



For more information, please visit www.gvsu.edu/ia/map-works-44.htm

 <sup>↓</sup> Declined over time or GVSU below peers;

<sup>+</sup> Factor is a valuable predictor for GVSU student success

<sup>\*</sup> GVSU score is affected by confusion about a reference to "spring" term. GVSU students' commitment seems otherwise similar to peers'.

<sup>\*\*</sup> All factors are scaled so that higher scores indicate higher probability of student success, so higher homesickness scores actually indicate **less** homesickness (or fewer negative effects from homesickness). The positive association with retention means that students experiencing less distress due to homesickness are more likely to persist.