

**Fall-to-Fall Retention:**

As was the case with fall-to-winter retention, MySuccessCheck responses were significantly and predictably related to fall-to-fall retention. Each of the three overall risk classifications was associated with a discernably different risk of attrition than the levels above and below it. Non-respondents and students with unclassifiable risk (because they skipped critical survey items) have intermediate retention rates that are consistent with the hypothesis that their latent risk distribution is similar to that of the categorized participants (in other words, non-participation is not a significant risk factor for attrition).

Risk Category (computed)	Frequency	Fall-winter Retention	Fall-fall Retention
Low	1284	97.3%	89.9%
Medium	123	83.7%	61.0%
High	58	65.5%	25.9%
Unclassified	54	90.2%	84.3%
All Participants	1519	94.7%	84.9%
Non-participants	4436	92.4%	80.1%

While the existence of a logged staff response was associated with improved fall-to-winter retention among high-risk students (76% v. 52%;  $p < 0.001$ ), that relationship was not statistically significant with regard to fall-to-fall retention (30% vs 20%;  $p = 0.238$ ).

Several statistically significant associations between MySuccessCheck responses and fall-to-fall retention parallel and substantiate relationships observed for fall-winter retention:

- **“I would like an advisor to contact me to discuss my major or career goals”**: “Disagree Strongly” ... 71% retained; [neutral or any agree] ... 85% retained
- **“I have friends at GVSU who I enjoy spending time with”**: “Disagree Strongly” ... 73% retained; [any agree] ... 86% retained
- **“I plan to return to GVSU for the winter term”**: [any agree] ... 87% retained; “Neutral” ... 47% retained; [any disagree] ... 8% retained
- **“I plan to continue at GVSU next year (Fall 2017)”**: [any agree] ... 90% retained; “Neutral” ... 56% retained; “Disagree” ... 17% retained; “Strongly Disagree” ... 0% retained
- **“I feel like I belong at GVSU”**: [neutral or any agree] ... 86% retained; [any disagree] ... 59% retained
- **“Do you feel like homesickness is affecting your daily life at GVSU?”**: “Homesickness is not really bothering me much” ... 88% retained; “Homesickness is making it difficult to do my class work” ... 72% retained; “I regret moving away from home” ... 42% retained

A few additional significant associations emerge with fall-to-fall retention that were not apparent with the fall-to-winter retention:

- Retention increased by 2 percentage points with each ordinal level of students’ satisfaction with their social life.
- Students who said they’d missed 6 or more class sessions were less likely to persist than those who said they hadn’t missed any (60% vs 88%).
- Students who reported that they hadn’t purchased all of their books were significantly less likely to return than those who had all of their books (86% vs 73%).