

# A Snapshot of First-Year Students @ the U of M

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UNIVERSITY OF MINNESOTA  
**Driven to Discover**<sup>SM</sup>

# Outline

- Snapshot of 2012 first-time new freshmen (FY)
- Student Experience in the Research University (SERU) 2012 & 2013 survey results for FY
- Snapshot of 2012 freshman seminar enrollees
- SERU results for 2011 FY by seminar vs. not

# Snapshot of UMNTC FY 2012

Female	50.7% (2,798)
Male	49.3% (2,716)
UMN Median ACT	28
UMN Average ACT	27.7
Minnesota Average ACT	22.8
National Average ACT	21.1

Slightly more first-year females than males.

UMN average ACT was 6.6 points higher than national average and 4.9 than the Minnesota average in 2012

# Snapshot of UMNTC FY 2012

<b>White</b>	<b>74.9% (4,128)</b>
<b>Black</b>	<b>2.7% (149)</b>
<b>Hispanic</b>	<b>2.9% (162)</b>
<b>Asian</b>	<b>10.1% (555)</b>
<b>American Indian or Alaskan Native</b>	<b>0.2% (13)</b>
<b>Unknown</b>	<b>0.4% (20)</b>
<b>Hawaiian</b>	<b>0.1% (8)</b>
<b>International</b>	<b>5.2% (285)</b>
<b>Multiracial</b>	<b>3.5% (194)</b>

The largest first-year students of color group is Asian, followed by Black and Hispanic

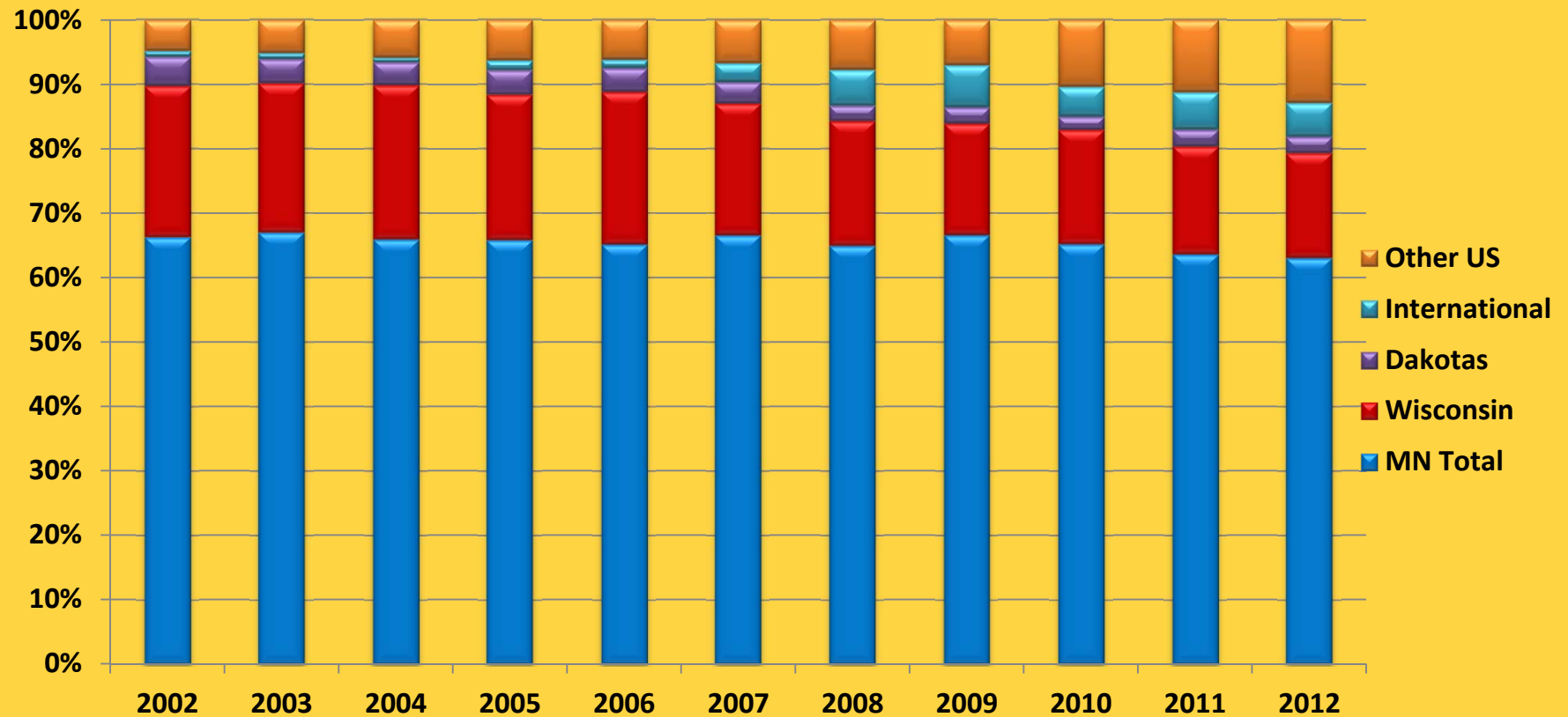
# Snapshot of UMNTC FY 2012

HS Rank Top 5%	26.1%
HS Rank Top 10%	43.9%
HS Rank Top 25%	79.8%
HS Rank Top 50%	99.6%
Lived in Residence Halls	86.1% (4,746)
Access to Success	8.5% (416)

Nearly all students graduated in the top 50% of their high school class

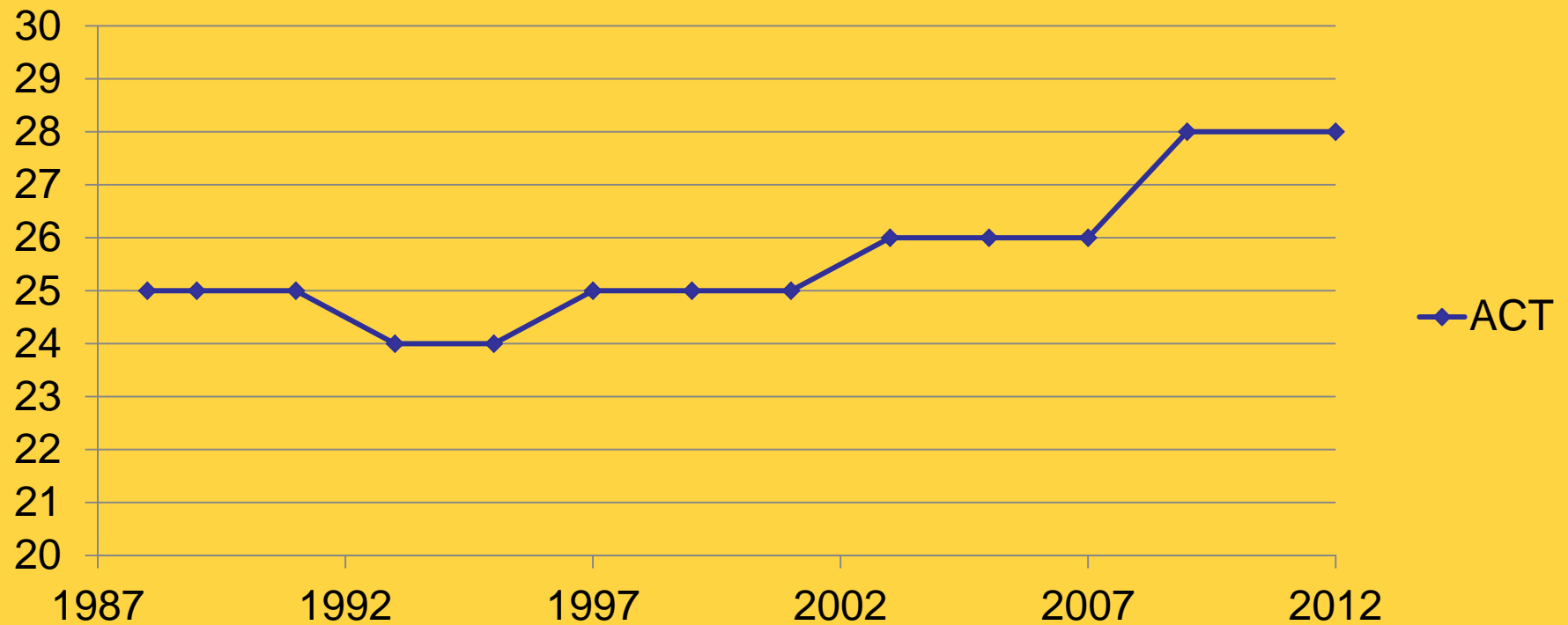
The majority of first-year students lived in the residence halls and less than 1/10 were ATS students

# Home Location of Entering Freshman: Twin Cities

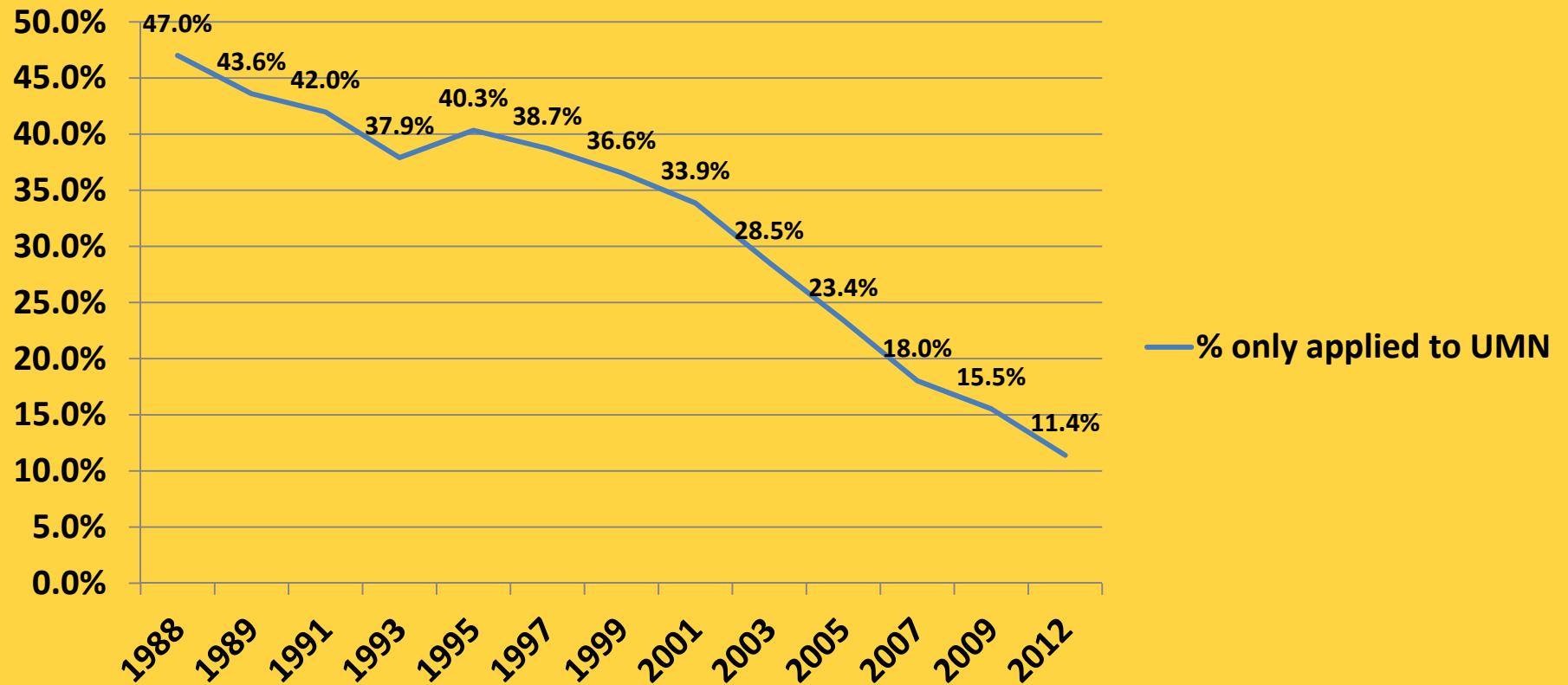


# New Freshmen: Academic Preparation Across Time

## Median ACT Composite



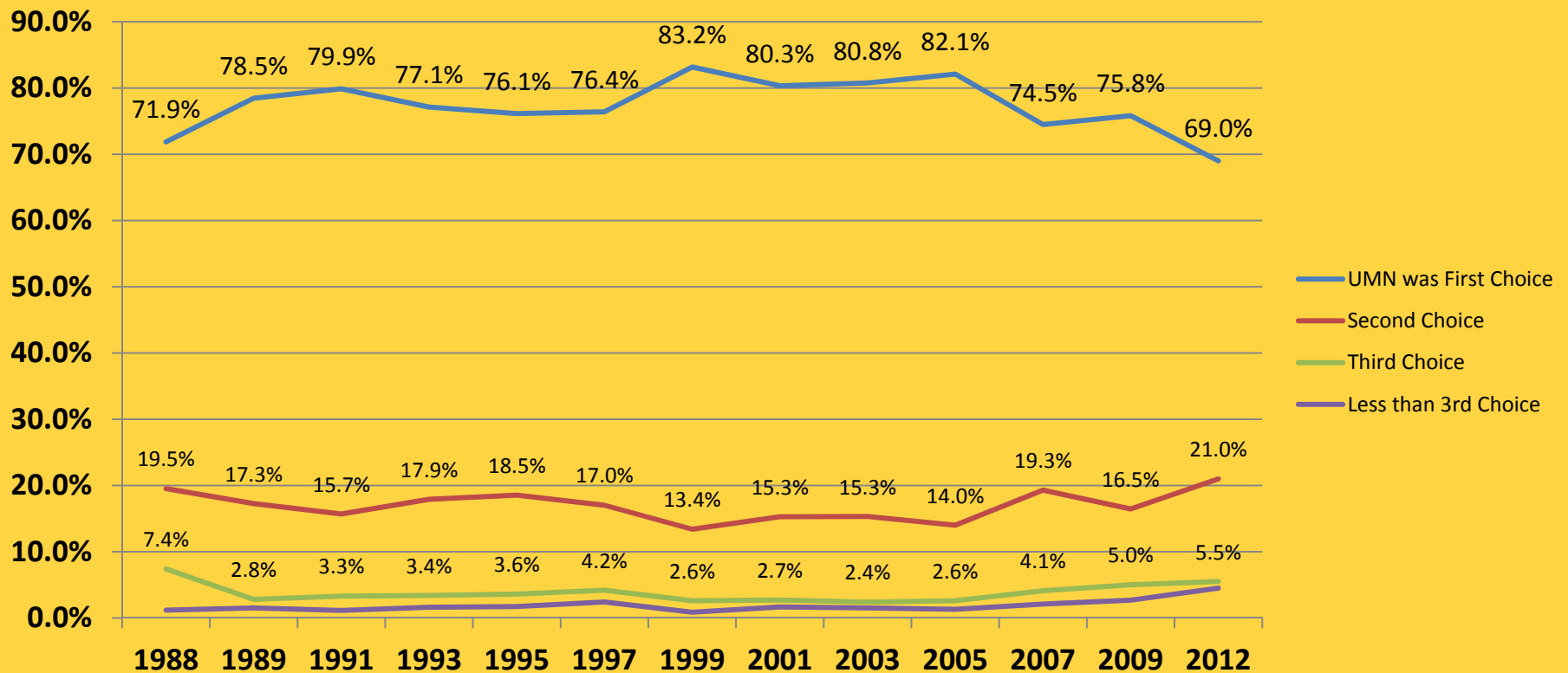
# How many colleges other than this one did you apply for admission this year?



Source: CIRP Freshmen Survey



# Was this college your first choice?

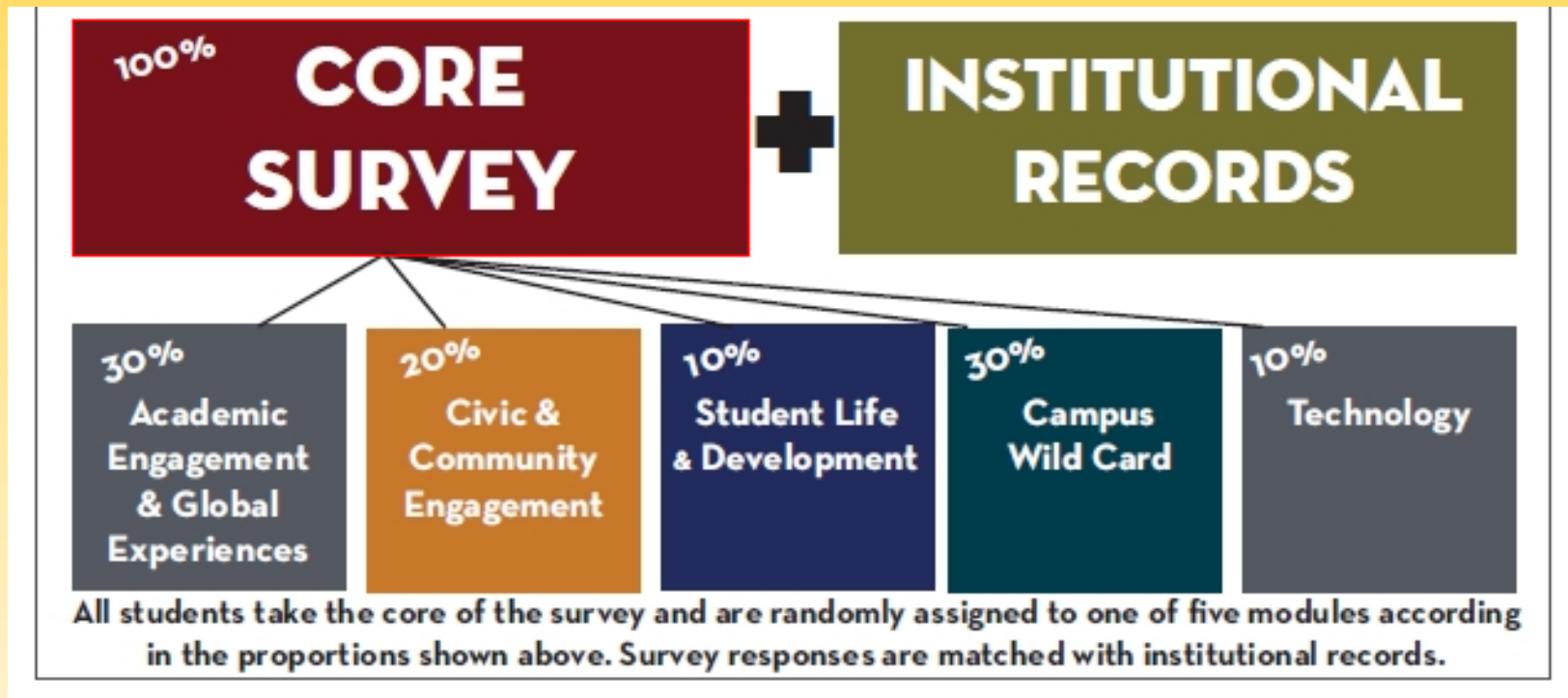


Source: CIRP Freshmen Survey

# Freshman Engagement

- Using the Student Experience in the Research University Survey (SERU), what can we learn about first-year students' engagement on campus?
- How does engagement relate to other factors, such as grade point average and sense of belonging?

# SERU Components



# SERU Content Areas

<b>CORE</b>	Time, Student Development, Academic Engagement, Campus Climate, Satisfaction, Evaluation of the Educational Experience	Academic Engagement • Campus Climate for Diversity Academic & Personal Development • Plans & Aspirations Overall Satisfaction • Evaluation of the Major Evaluation of the Educational Experience • Time Allocation
	Background, Personal Characteristics	Demographics • Financial Concerns • Personal Details
<b>Module</b>	Academic Engagement and Globalization	Perspectives on the Institution • Concerns & Priorities Activities & Experiences Participation • Issues Awareness
<b>Module</b>	Community and Civic Engagement	Activities • Community Service & Leadership Service-Learning Courses • National & Global Engagement
<b>Module</b>	Student Life and Development	Goals & Aspirations • Perceptions & Campus Climate Mental Health & Wellness • Summary Observations
<b>Module</b>	Technology	Technology usage • personal experiences, • classroom, • experiences with hybrid, MOOCs, on-line courses
<b>Module</b>	Wildcard: Items of Special Interest to the University of Minnesota	Assessment of your Development • Evaluation of Writing Finances • Academic Advising • Concerns as a Student Leadership & Lifelong Learning • Overall Satisfaction



# SERU Survey

- Spring census survey to all undergraduate students (after spring break)
- Among the fall 2011 FY students, 1,684 responded to at least the first item on the survey (32.6%)
- Among the fall 2012 FY students, 2,056 responded to at least the first item on the survey (38.7%)

# SERU Survey: [www.seru.umn.edu](http://www.seru.umn.edu)

## SERU the ultimate student survey

The Student Experience in the Research University

Home | Students and U Community | Staff & Administration | Research | About SERU | News & Highlights

### Students

**Take the survey now!**

**Why respond?**  
Your survey responses will help:

- » Improve existing student services
- » Create new services
- » Enhance the student experience
- » [Find out more...](#)

**2013 Response Rates**

Department	Response Rate (%)
UMN	45
CSE	40
CAH	40
CLA	40
CCE	40
CBS	40
NURS	40
CEHD	40
CDES	40
DENT	40
MED	40
CFANS	40
CSOM	40

» [Detailed Response Rates](#)

Last updated: 06/17/2013 10:36am

### Staff & Administration

**Promoting the survey**  
Create personalized messages for your students by using resources from our SERU communications toolkit.

» [Find out more...](#)

**Utilizing the data**  
The SERU survey offers a wealth of data all campus community members can use.

» [Find out more...](#)

Like 345 people like this.

### What is SERU?

The Student Experience in the Research University (SERU) survey is a comprehensive survey administered to all undergraduates at the University of Minnesota-Twin Cities (UMNTC). The data are used to provide UMNTC staff, faculty, and administrators with unique insights into students' experiences.

### News & Highlights

**U of M SERU Participation Standings (as of 6/17/2013)**  
Monday, 17 June 2013 (Item 1 of 3)

We finished in 1st place among Big Ten SERU and tied for 2nd in SERU participation among all part... [read more](#)

### Did you know?

31.1% of College of Biological Sciences students plan to eventually

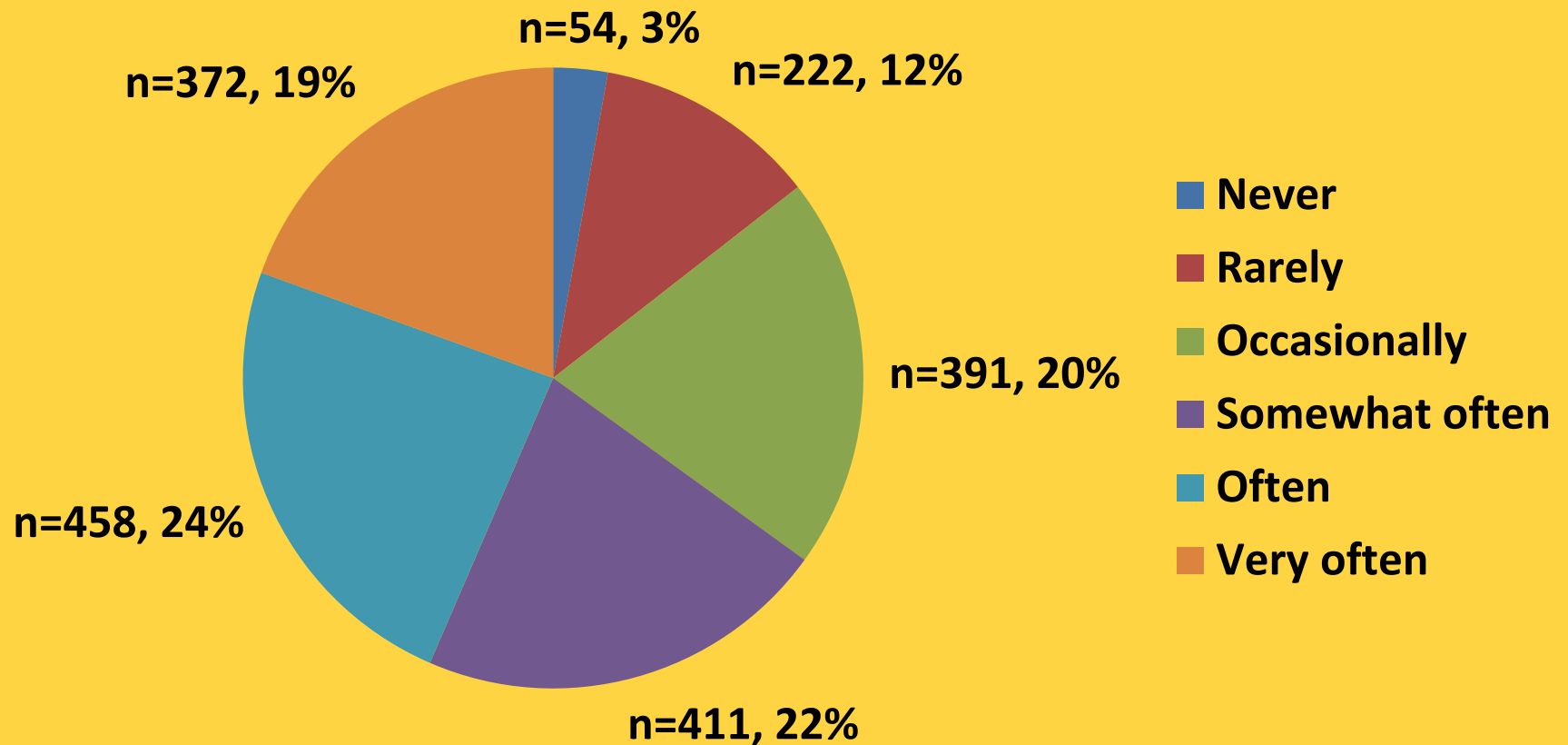
### Take the survey now!

Check out all of the student [promotional videos](#).

# First-Year Student Engagement

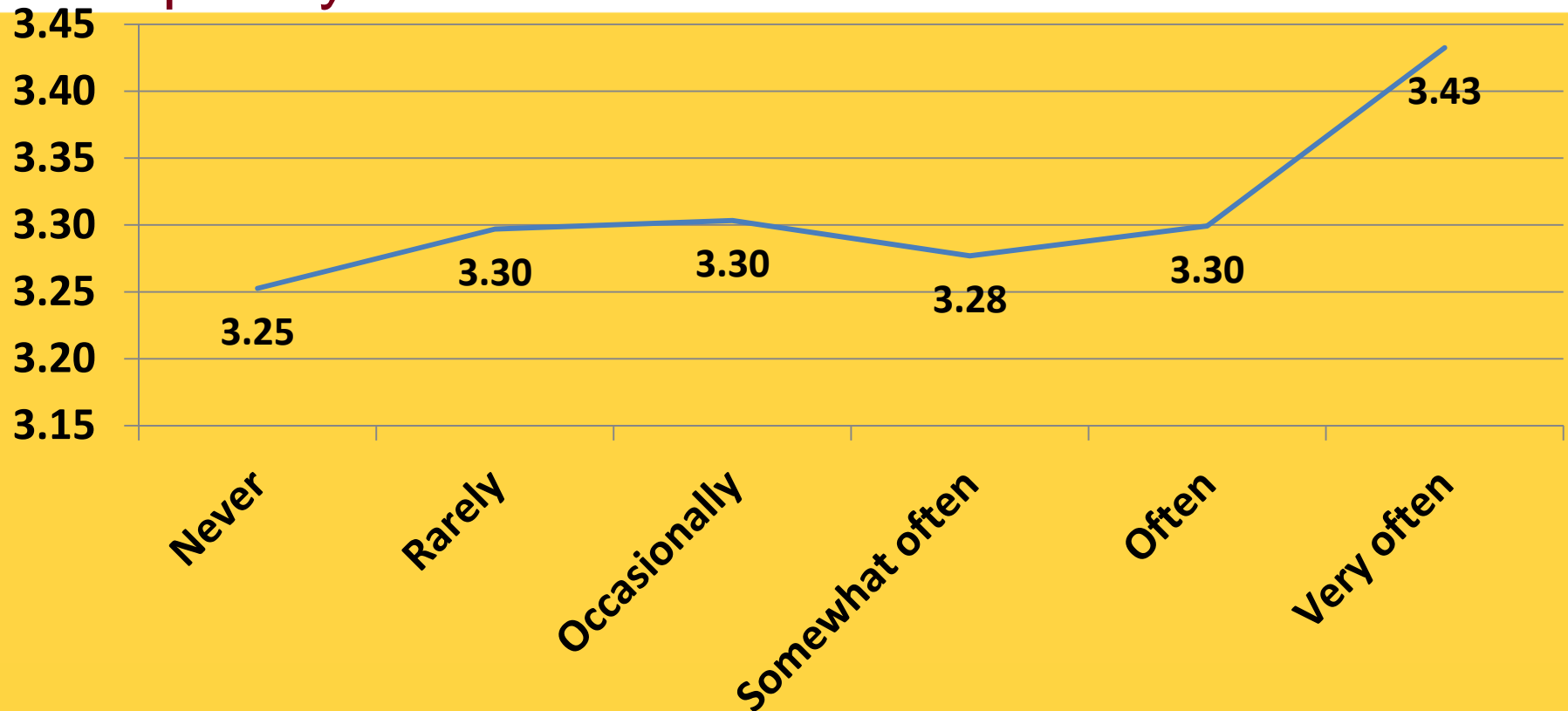
- How academically engaged (or disengaged) are our first-year students?
- How often do first-year students interact with faculty?
- Do we find associations with these factors and students' grade point averages?

# 2013 SERU: How frequently this year have you had a class in which the professor knew or learned your name?



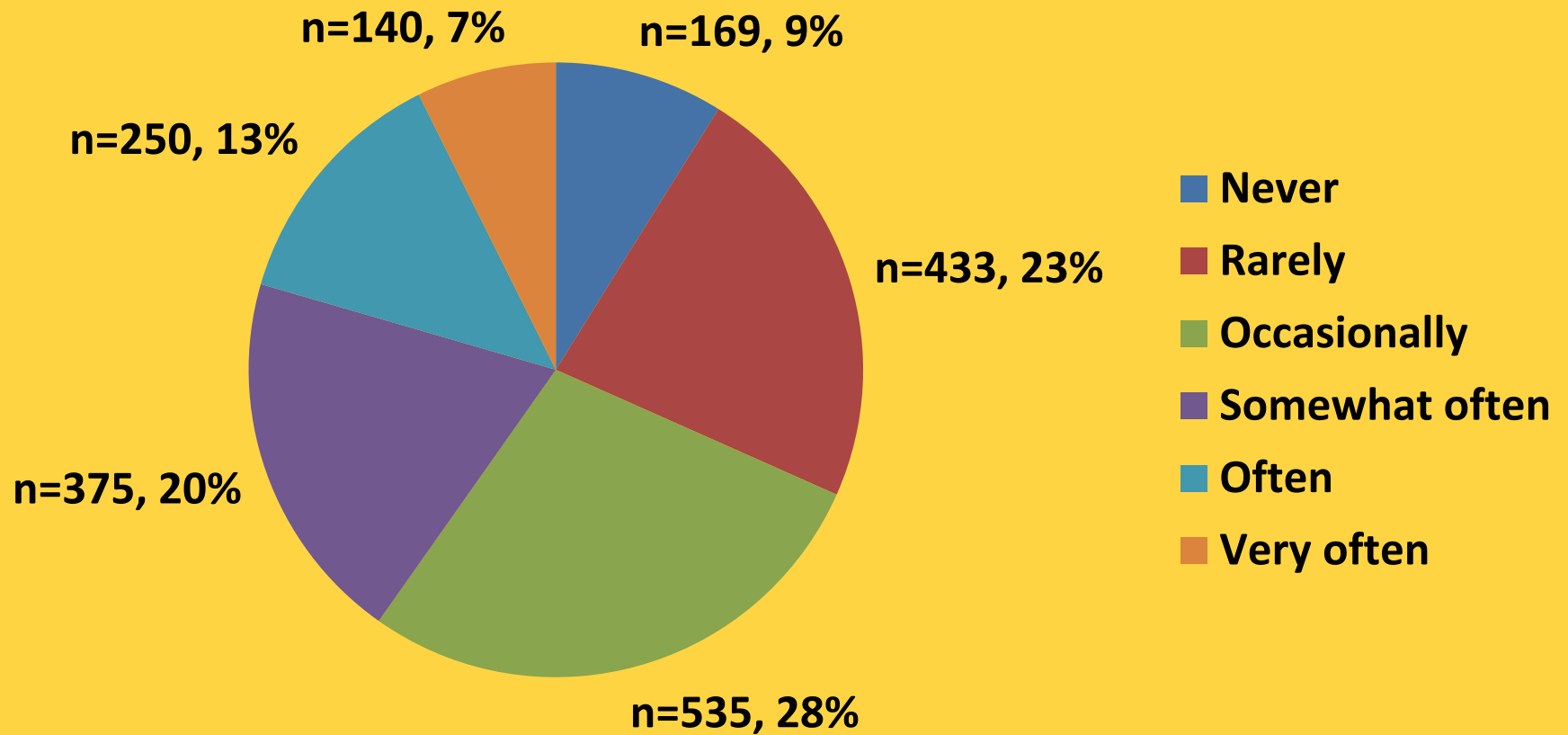


# How frequently this year have you had a class in which the professor knew or learned your name?: Frequency and cumulative GPA

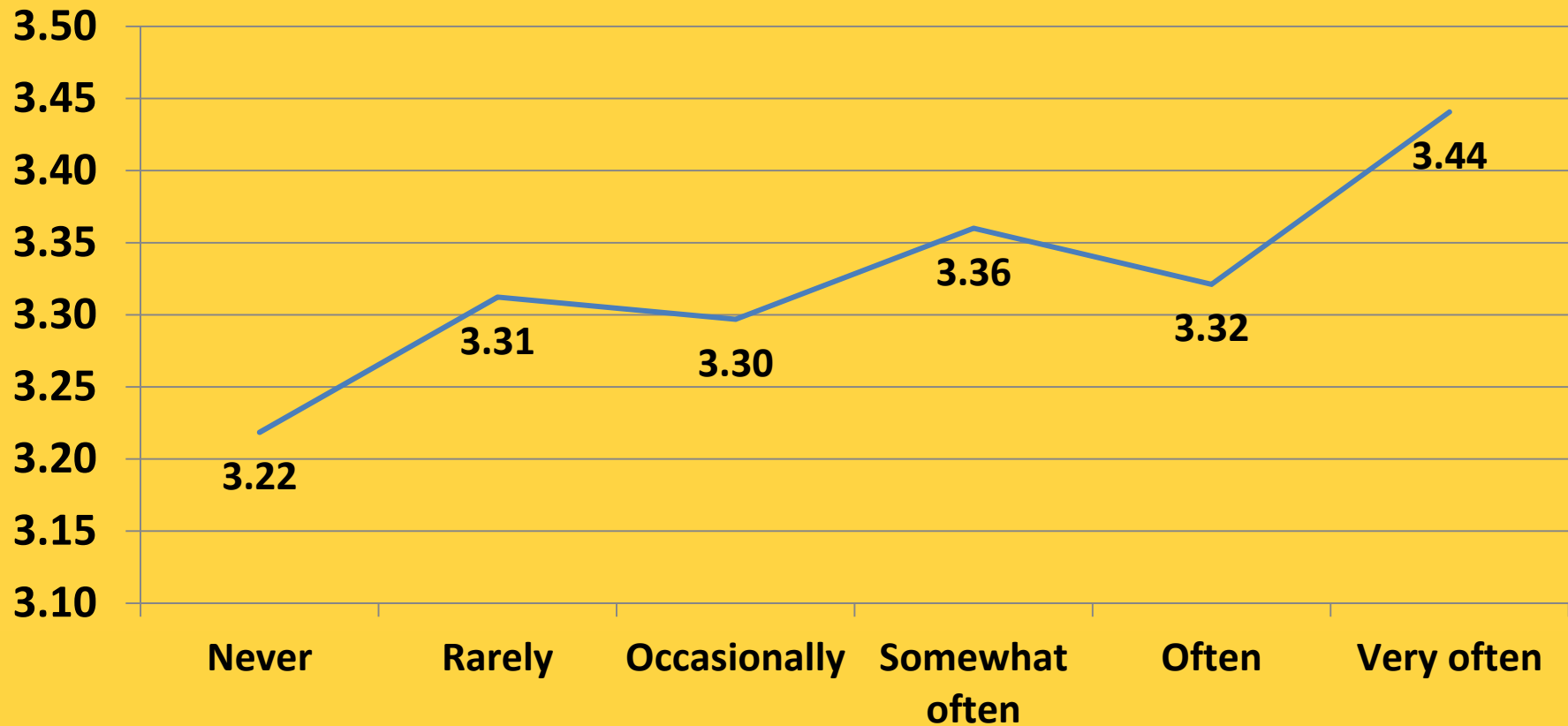


Cohort (Fall 2012 FY still enrolled spring): overall cum GPA= 3.19, SERU non-responders=3.11  
SERU responders=3.31

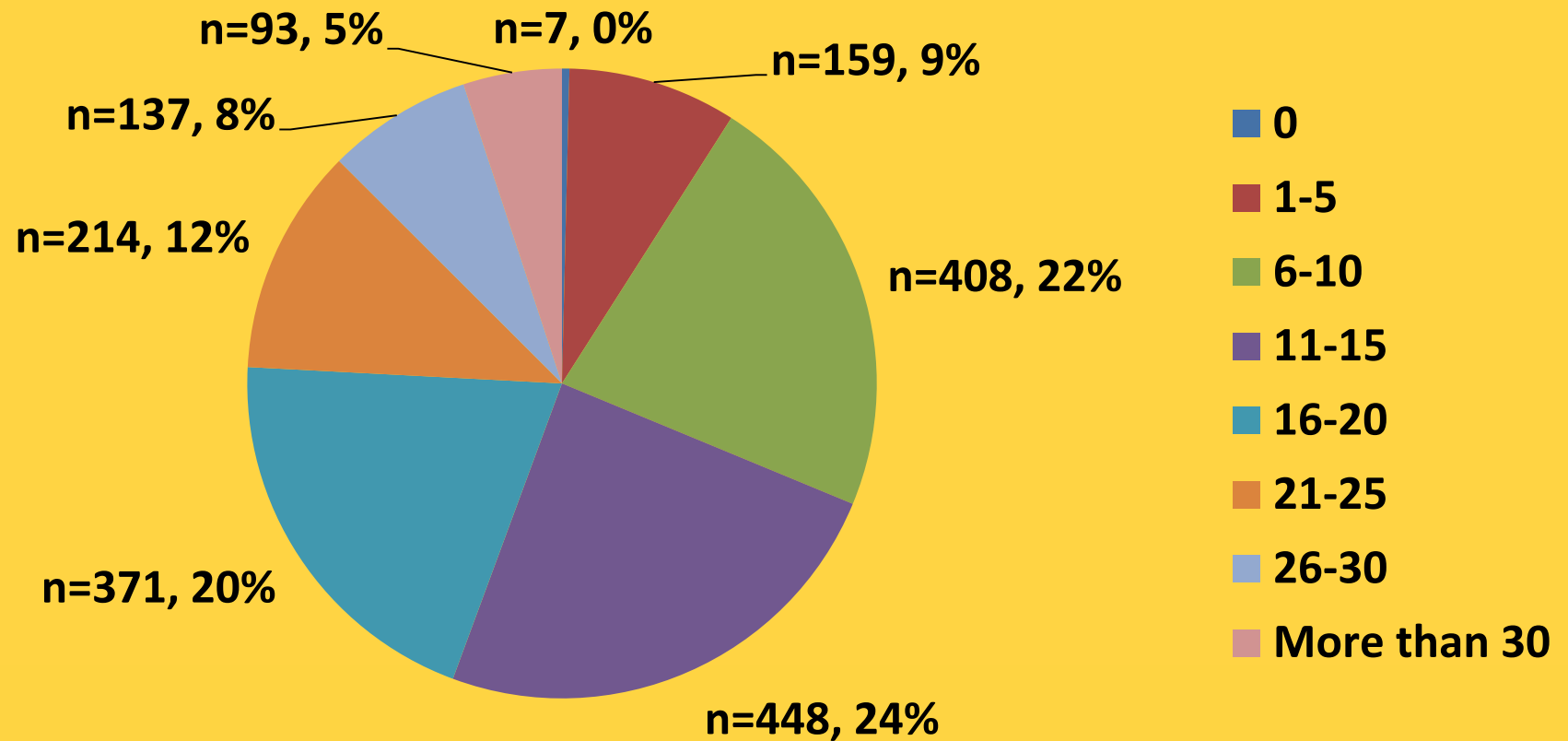
# How frequently this past year have you interacted with faculty during lecture classes?



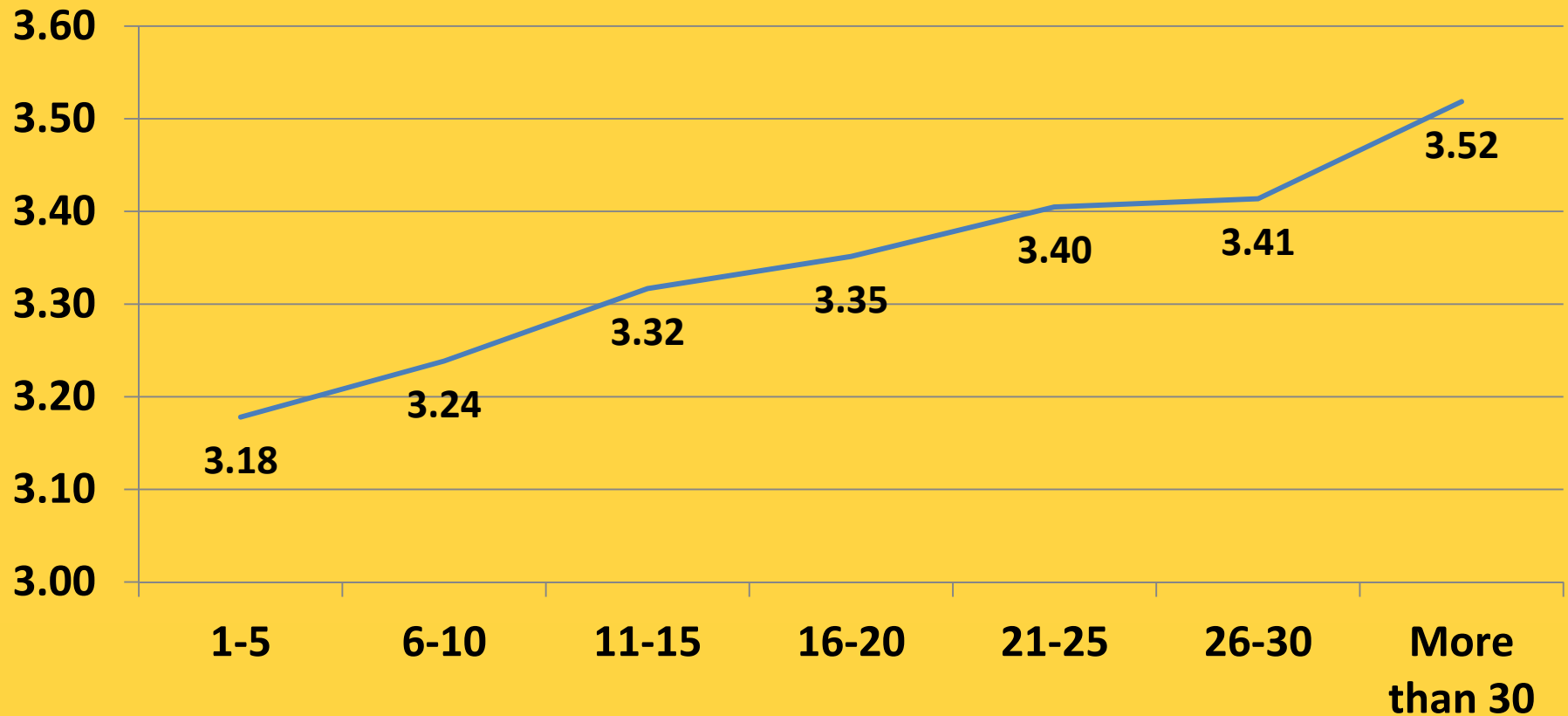
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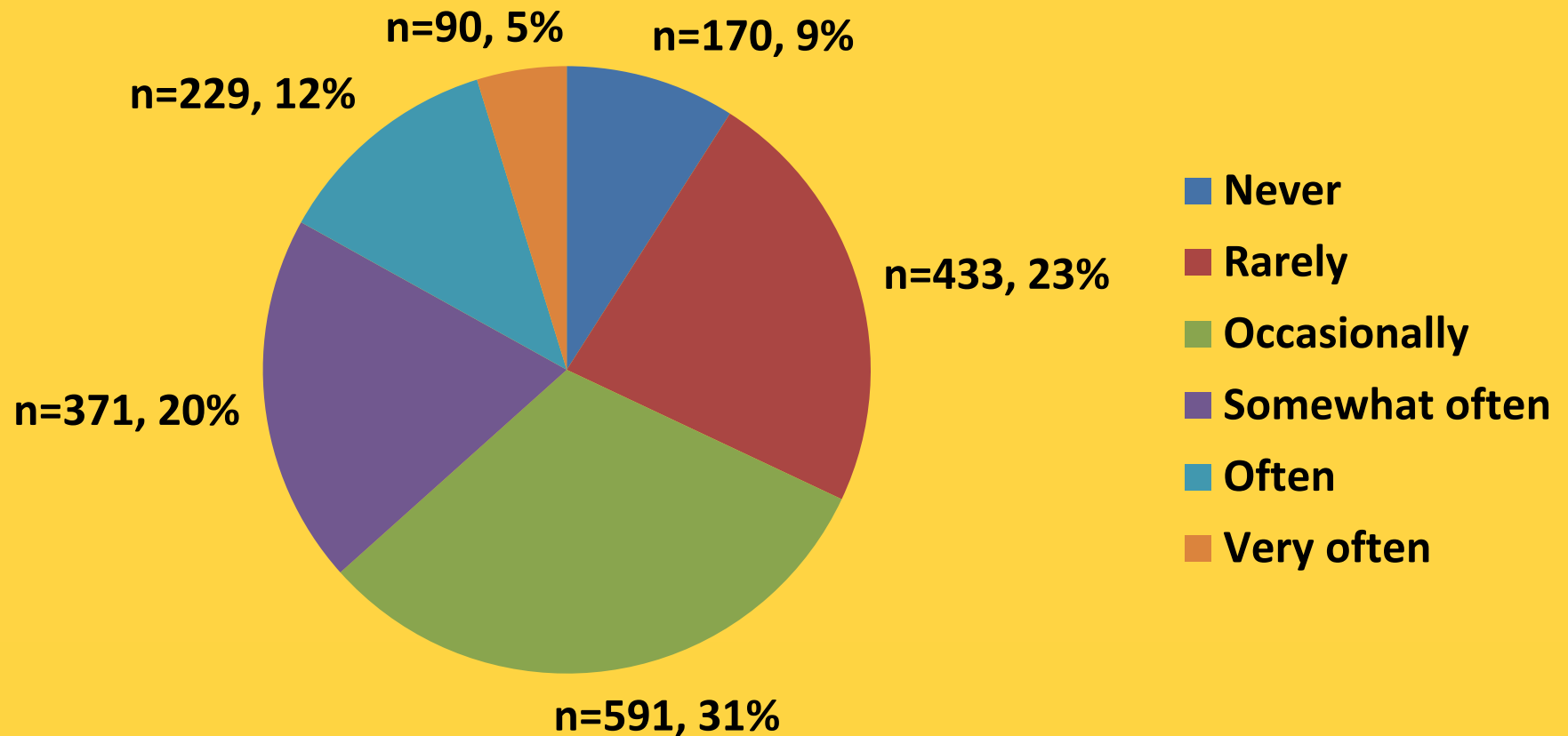
How many hours a in a typical week (7 days) do you spend on studying and other academic activities outside of class?



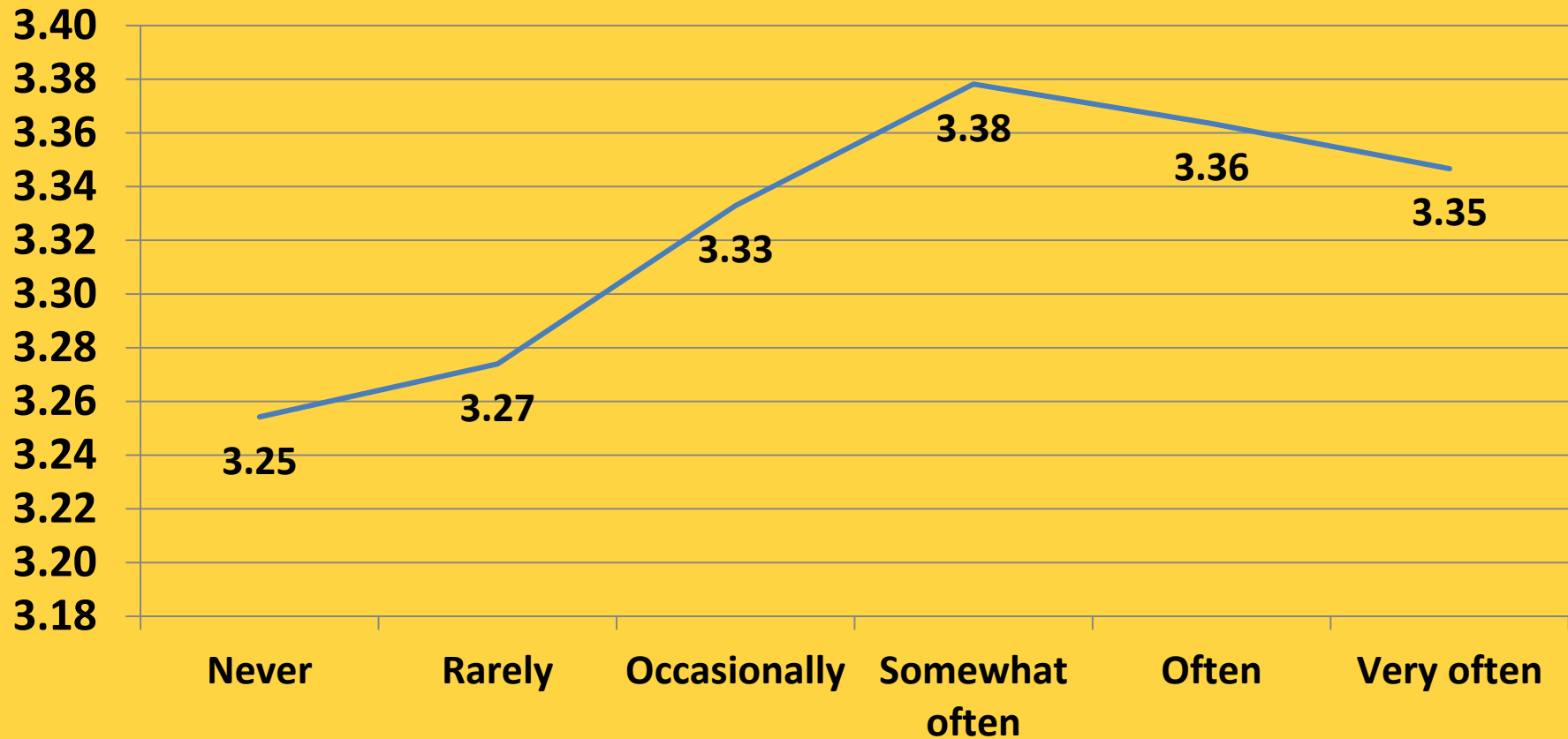
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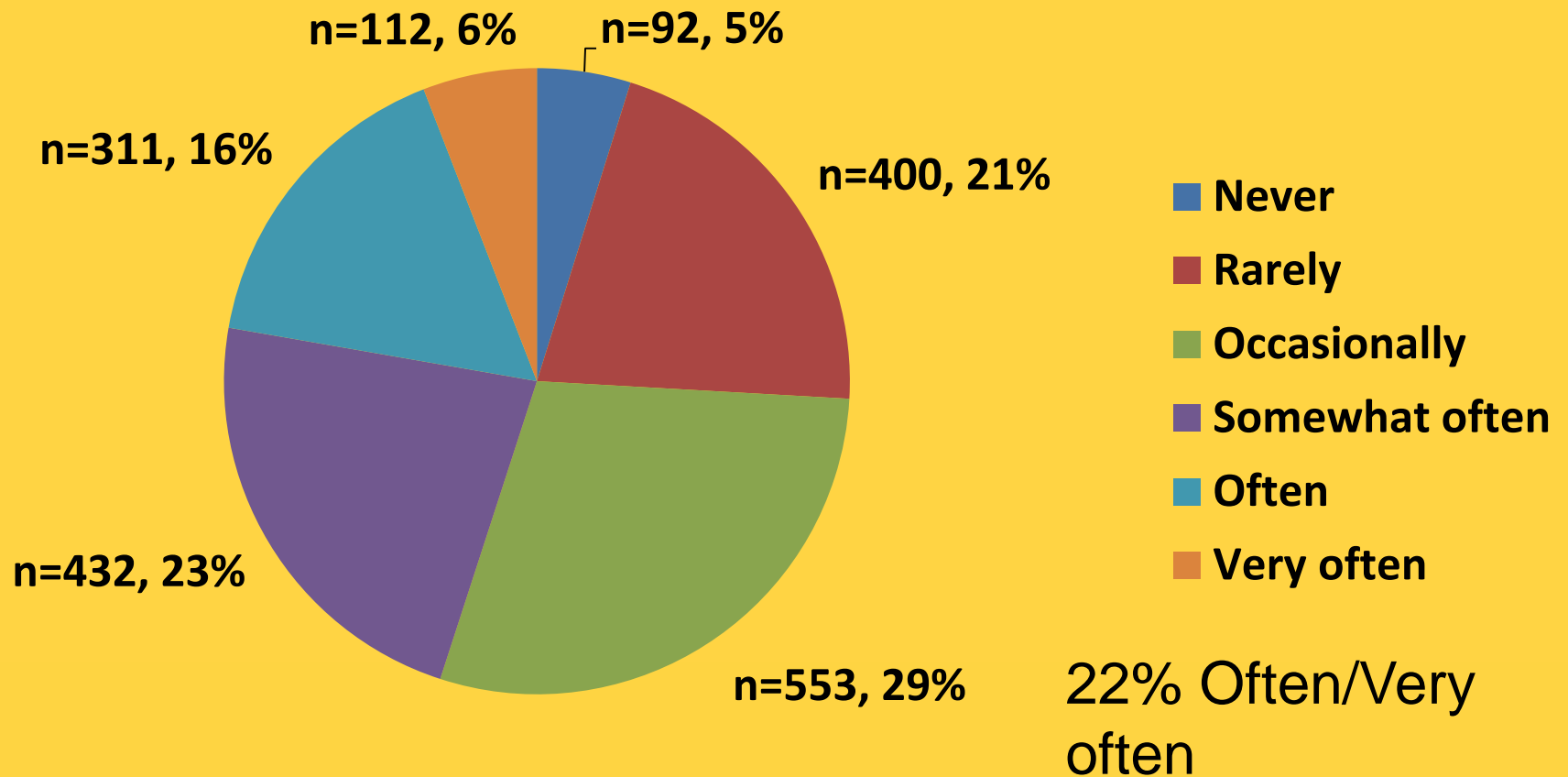
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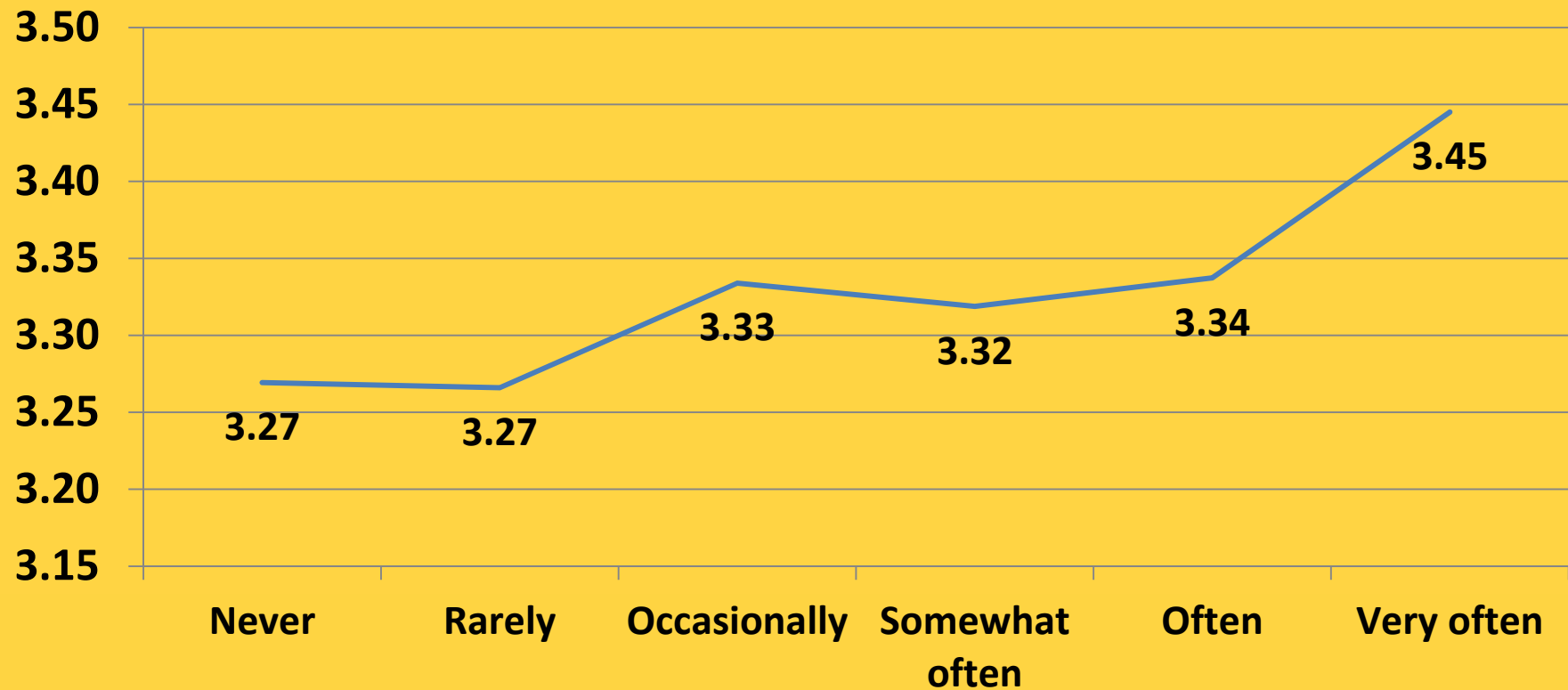


# How frequently during this year have you asked an insightful question in class?

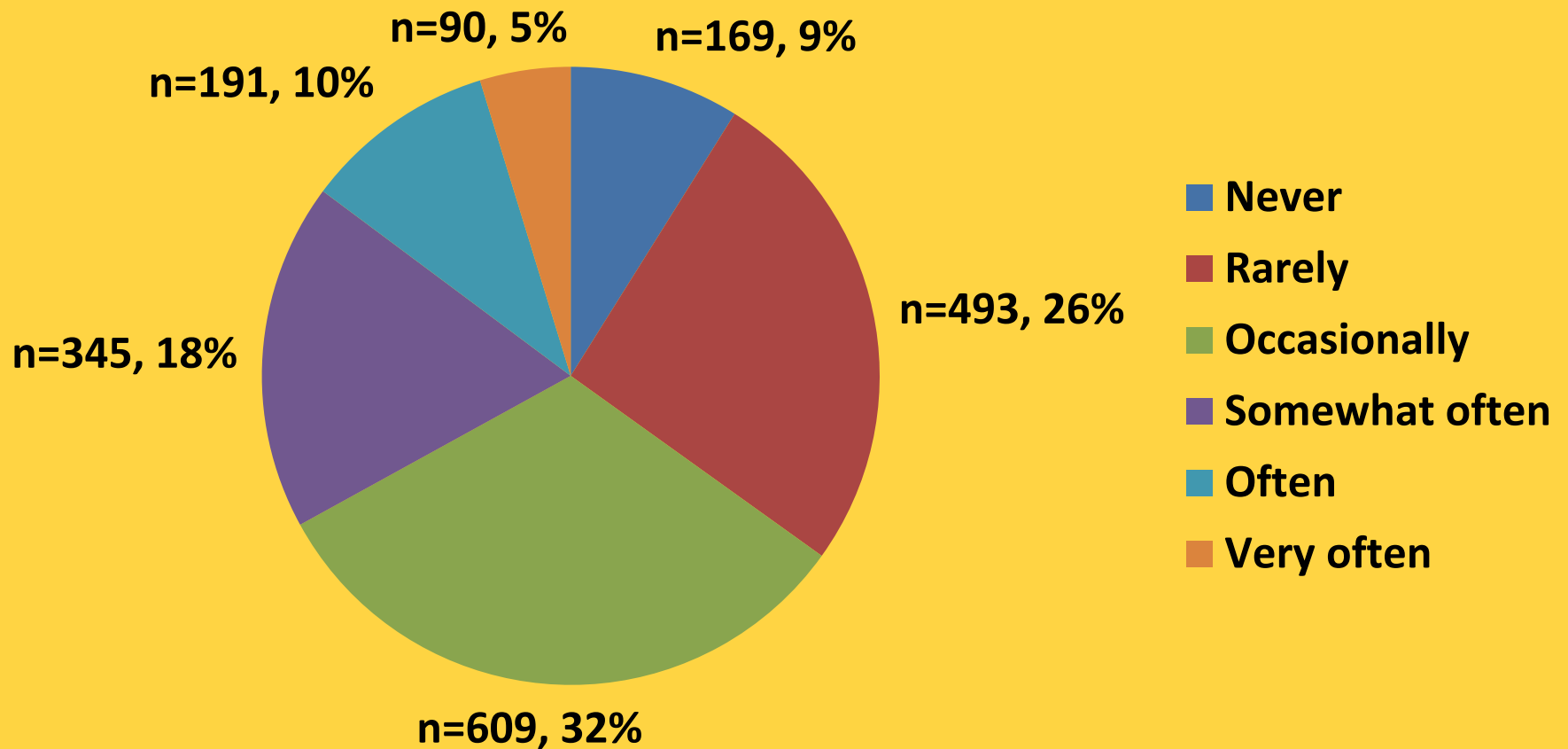




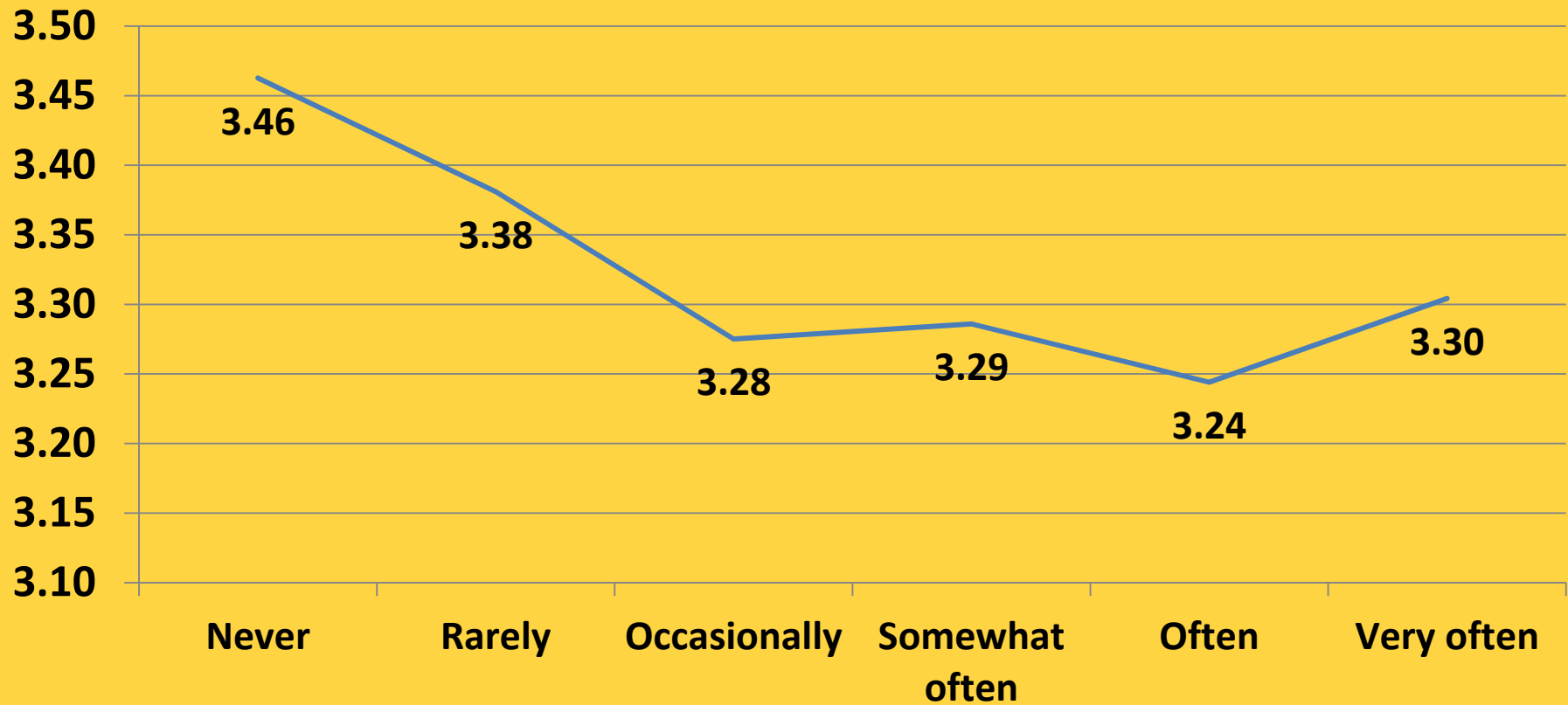
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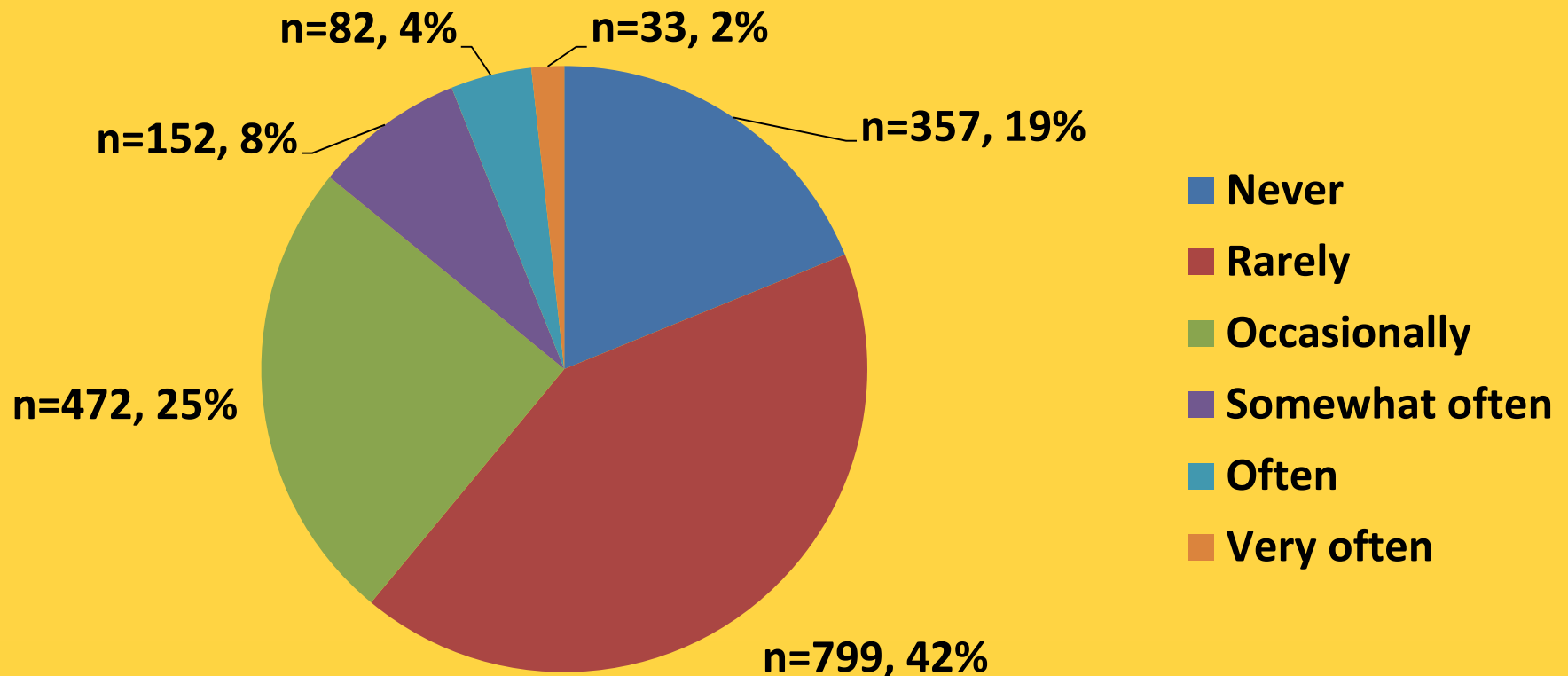
# How often have you gone to class without completing assigned reading?



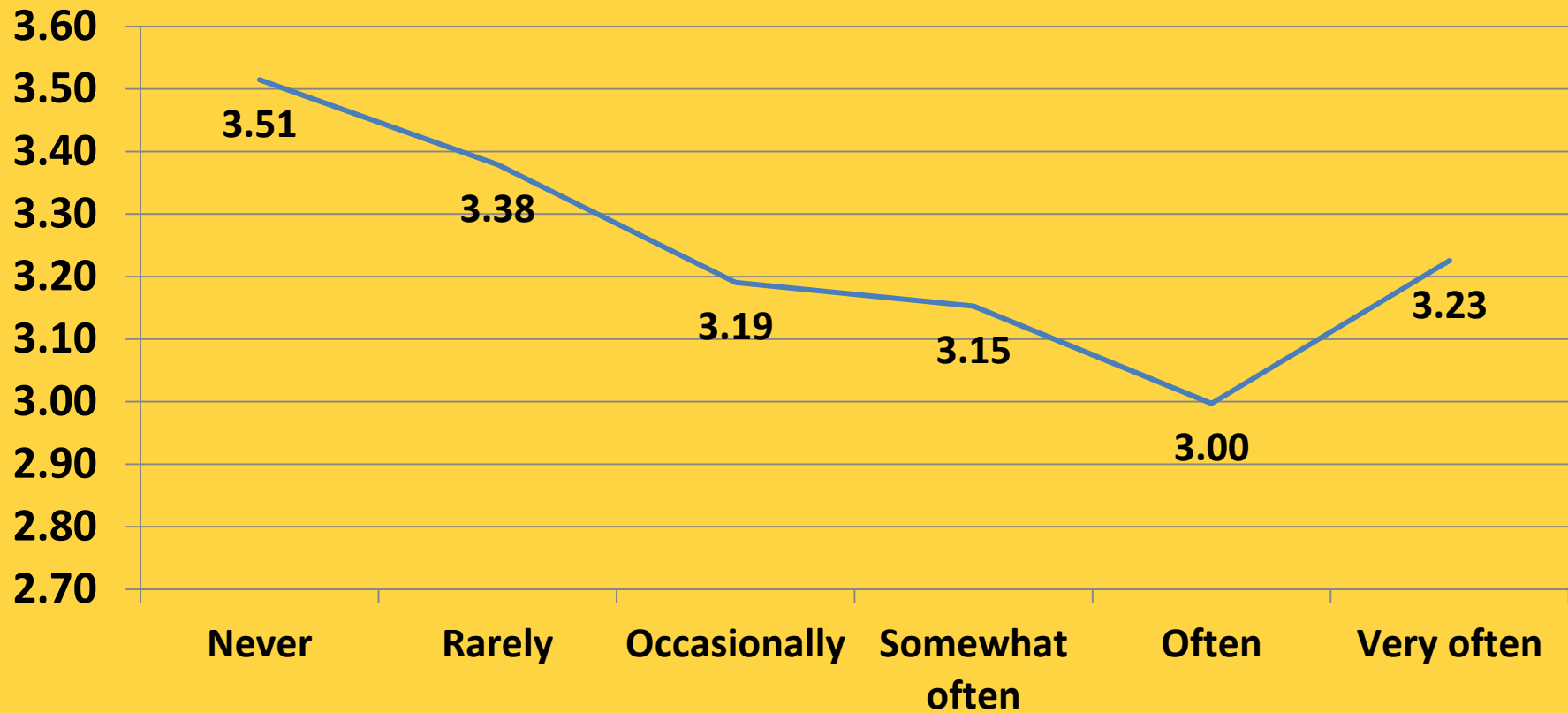
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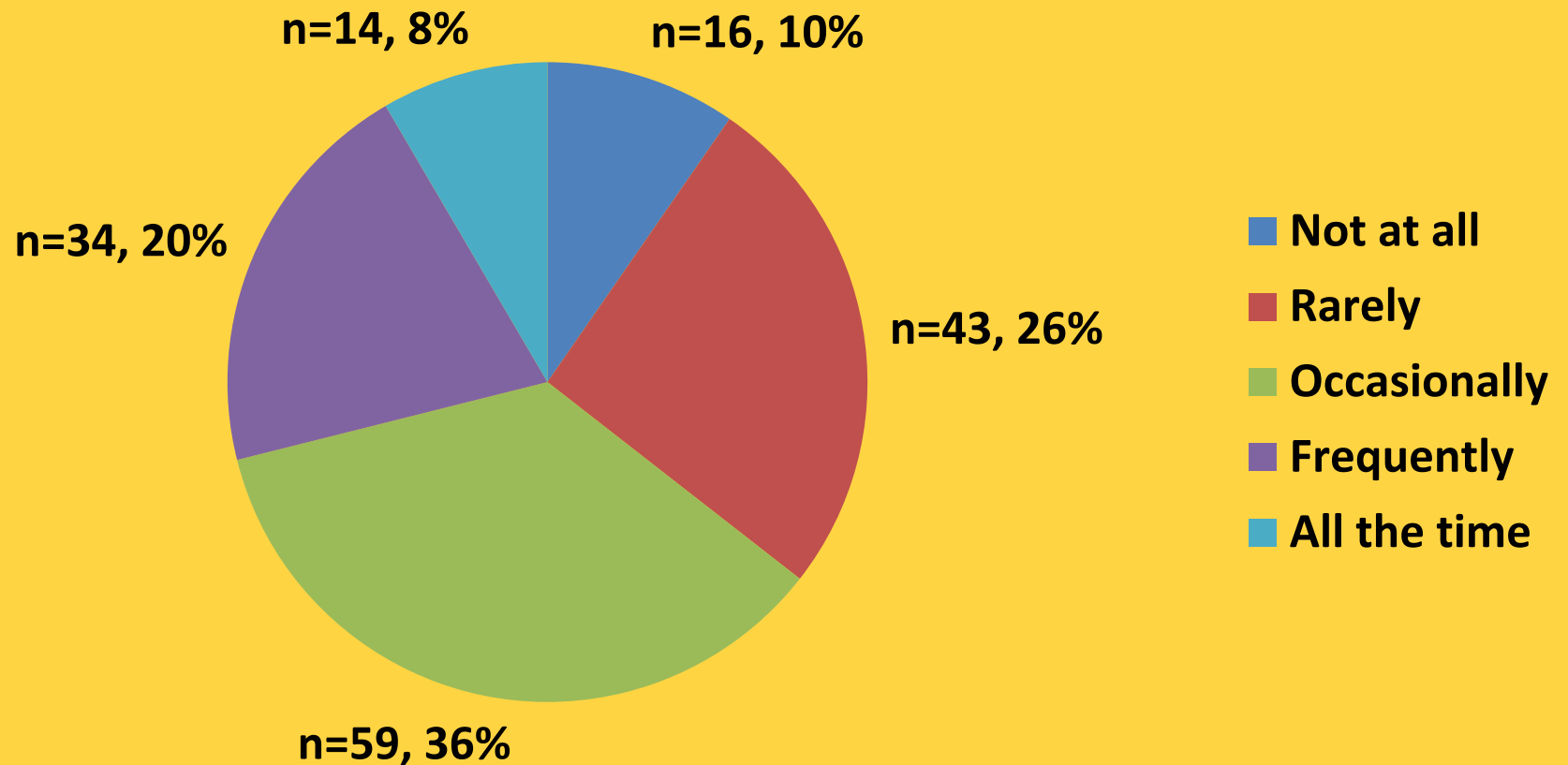
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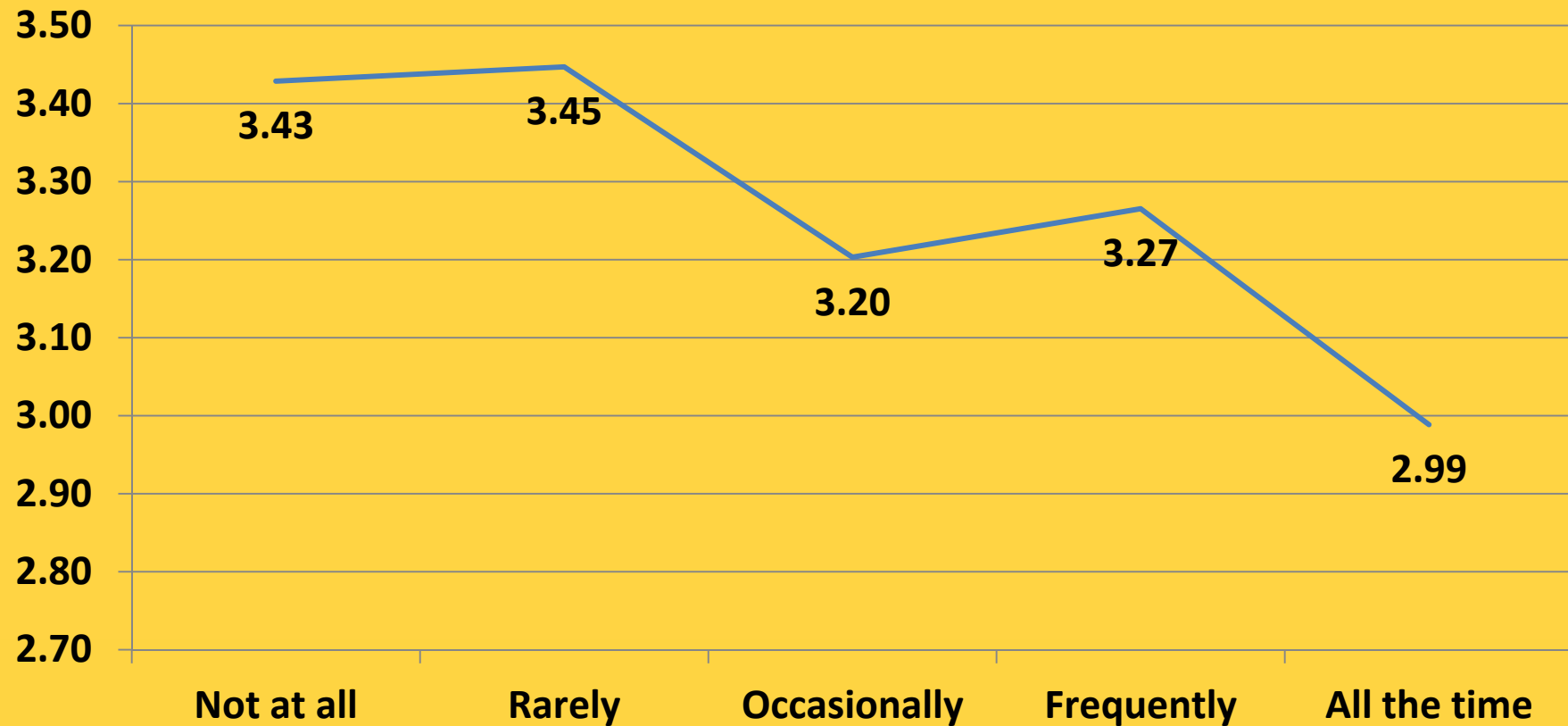
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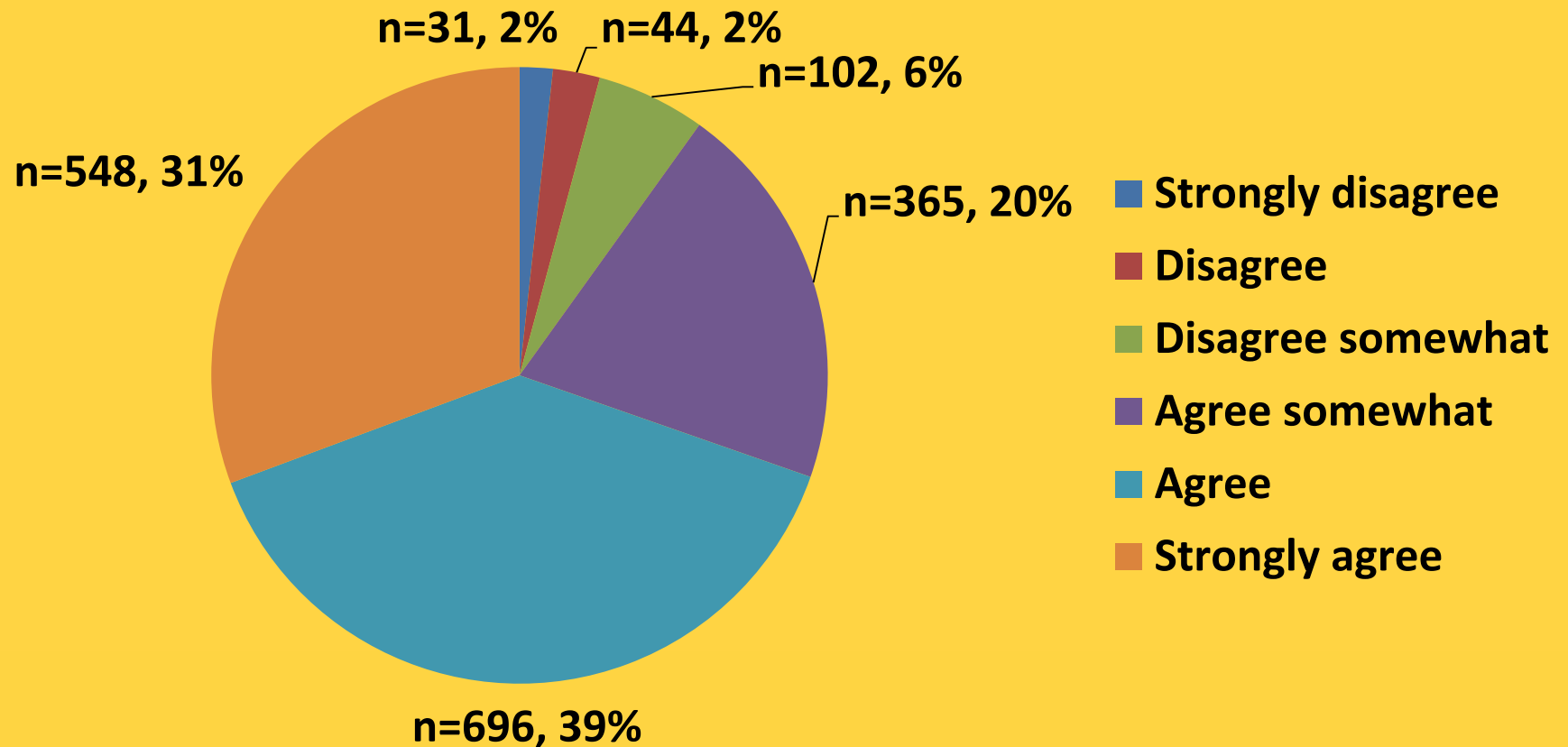
How often has feeling depressed, stressed, or upset been an obstacle to your school work or academic success? (Student Life and Development Module)



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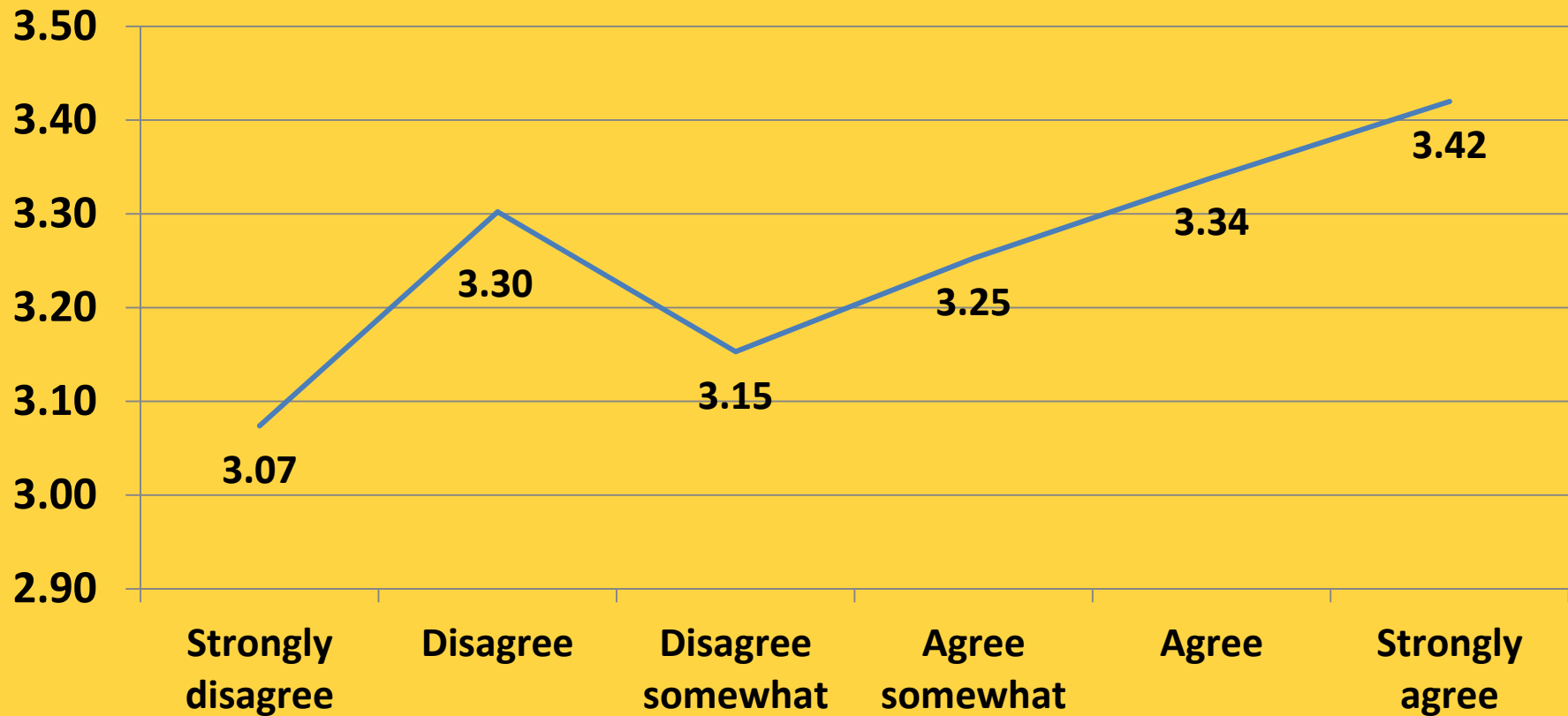


# I feel that I belong at this campus

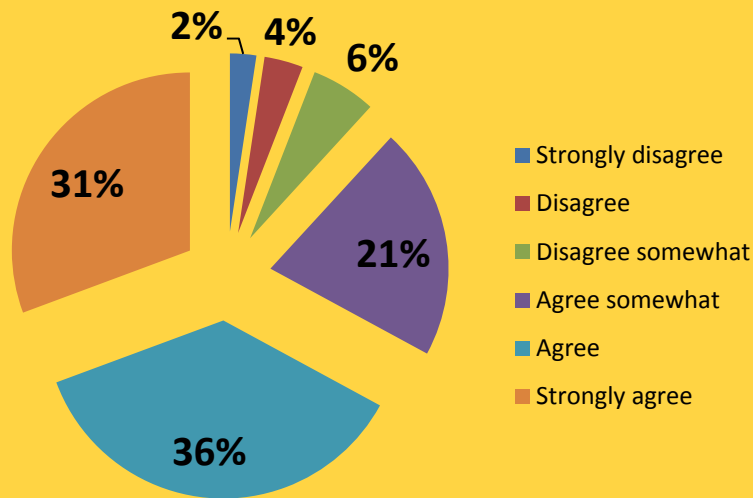




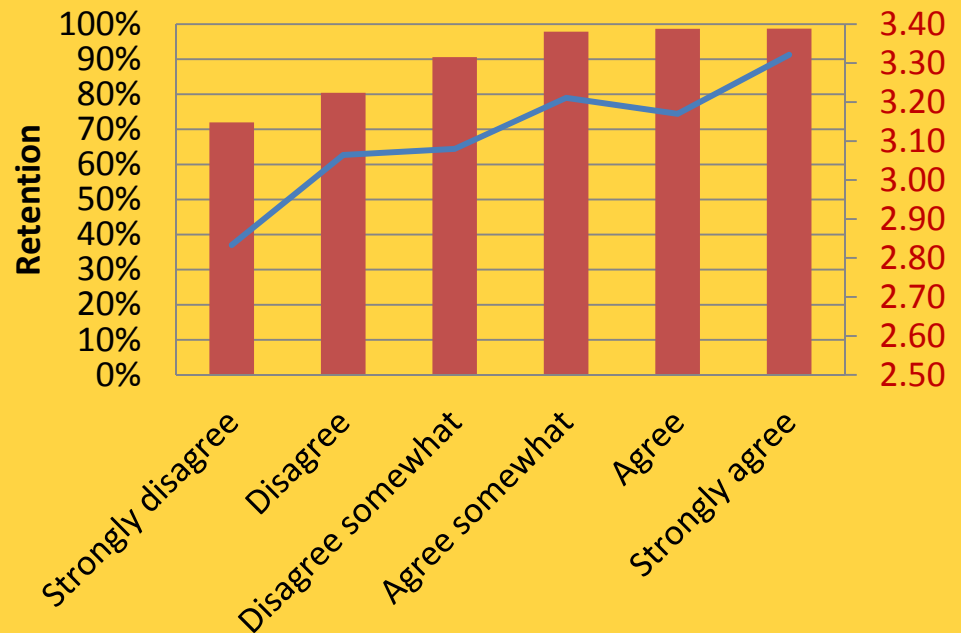
# I feel that I belong at this campus



# I feel that I belong on this campus (2011 FY, 2012 SERU): 2<sup>nd</sup> year Retention and GPA



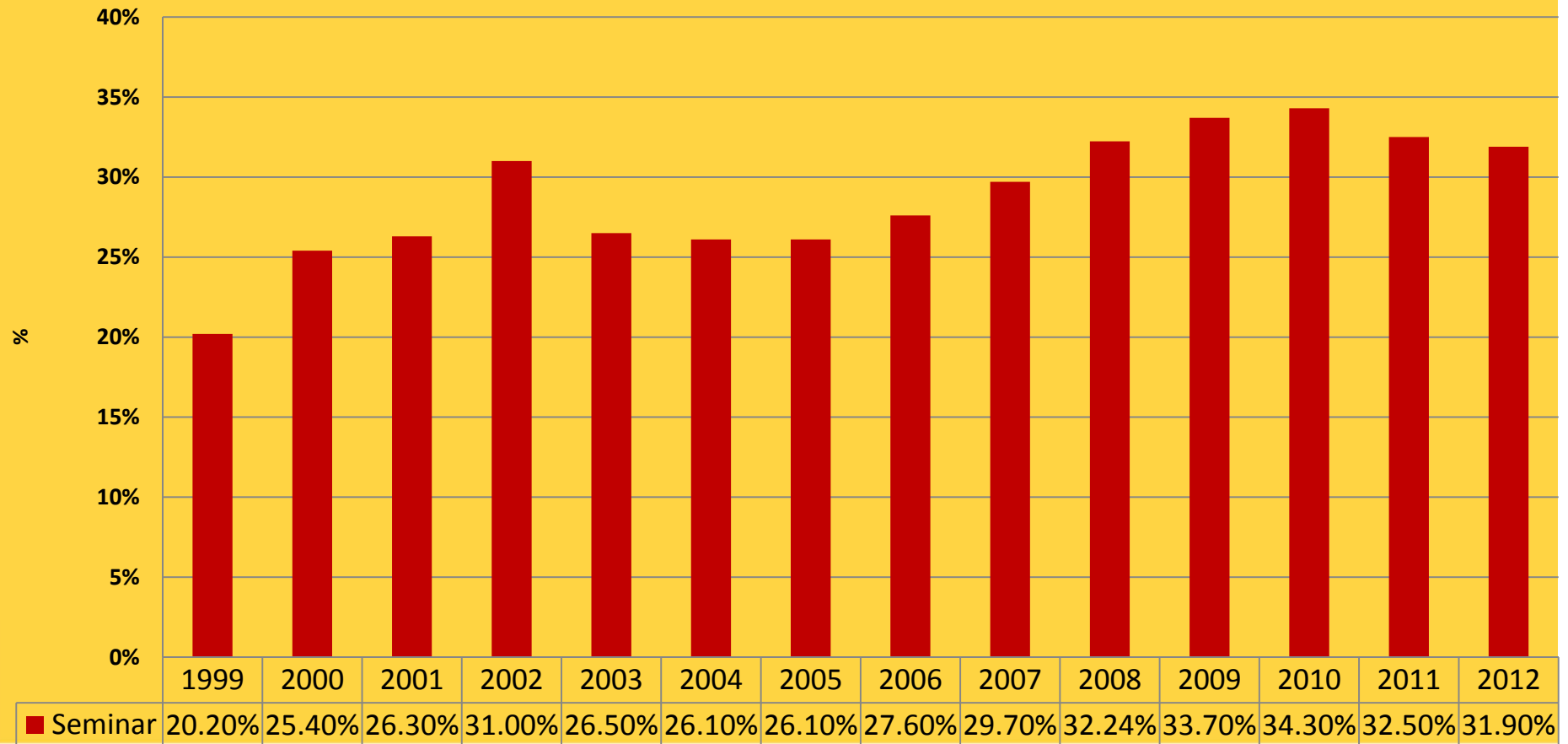
67% Agree or Strongly Agree



# Freshmen Seminar Participants

- Freshmen Seminar participation rates
  - Of the 5,353 first-time, full-time freshmen (FY)....
    - ~30% (n=1,582) of students enrolled in 2011-2012 freshmen seminars
  - Of the 5,514 first-time, full-time freshmen...
    - ~30% (n=1,637) of students enrolled in 2012-2013 freshmen seminars
- Snapshot of 2012 students enrolled
- Differences between those who enrolled vs. those who did not enroll in seminars for 2011 FY

# Freshmen Seminar Participation Rates: FY 1999-2012



# High impact educational practices: % across all levels: 2012 SERU

Educational activities	AAU	AAU: Rank	UM	UM: Rank
<b>Writing-intensive courses</b>	76.4%	1	93.2%	1
<b>Courses that involve themes related to diversity or global learning</b>	66.5%	2	84.0%	2
<b>First-year seminar</b>	40.7%	3	38.2%	3
Service learning or community-based learning	21.3%	7	27.9%	4
Learning community ( two or more linked classes across a common theme)	31.2%	5	25.5%	5
Reading a book that is common across the university (e.g. common book)	34.0%	4	23.7%	6
Other internship (e.g., co-op, clinical assignment)	22.6%	6	22.8%	7
Capstone or senior thesis courses	13.0%	10	22.1%	8
Any [home campus] study abroad, including summer study abroad	11.0%	12	16.5%	9
Honors program	14.0%	8	16.1%	10
Living-learning programs	6.6%	14	13.4%	11
Formal undergraduate research programs	12.1%	11	11.2%	12
Formal creative activity or scholarship (such as in published collection, play,..)	10.1%	13	10.8%	13
Internship under the direction of a faculty member	13.1%	9	8.2%	14
Study abroad program affiliated with another college or university	5.2%	15	7.2%	15



# Who Enrolls in Freshman Seminars? 2012 FY

	Did not Enroll	Enrolled
Female	48.7% (2036)	57.2% (762)
Male	51.3% (2146)	42.8% (570)
White	72.7% (3038)	82.1% (1094)
Black	3.7% (156)	2.4% (32)
Hispanic	3.1% (128)	2% (27)
Asian	12.6% (526)	9.3% (124)
American Indian or Alaskan Native	1.2% (50)	.8% (10)
Not specified	.3% (11)	.6% (8)
Hawaiian	.4% (16)	.6% (8)
International	6.1% (256)	2.2% (29)
ACT	27.6 (3793)	27.9 (1257)

More females than males

Proportionally more White students than students of color enroll in freshman seminars

Similar ACT composite average

# Who Enrolls in Freshman Seminars?

	Did not Enroll	Enrolled
Lives in Residence Halls	84.6% (3570)	91% (1332)
Lives off Campus	15.4% (645)	9% (123)
First-Generation	25.8% (2635)	24.6% (352)
Used the Library	70.7% (2635)	74.2% (1062)

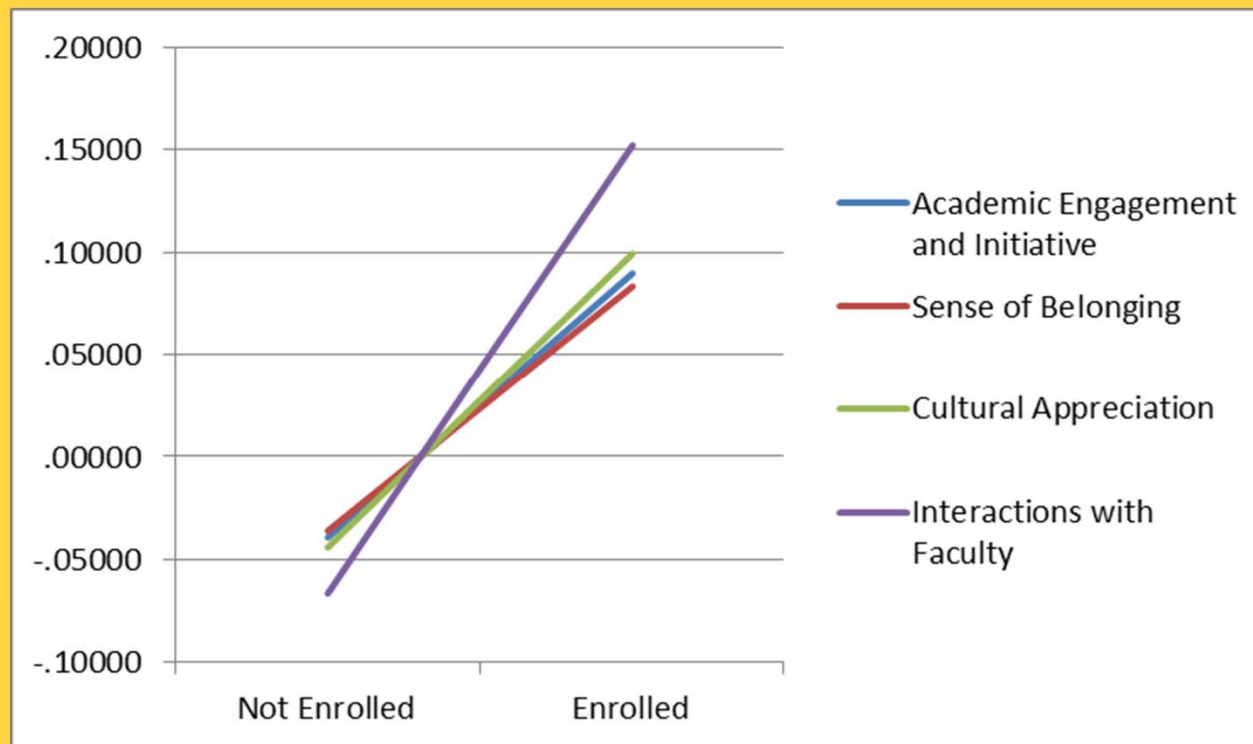
More likely to live in residence halls

Almost as likely to be first-generation

More likely to have used the library at least once

# Seminar Participation (2011 FY from 2012 SERU)

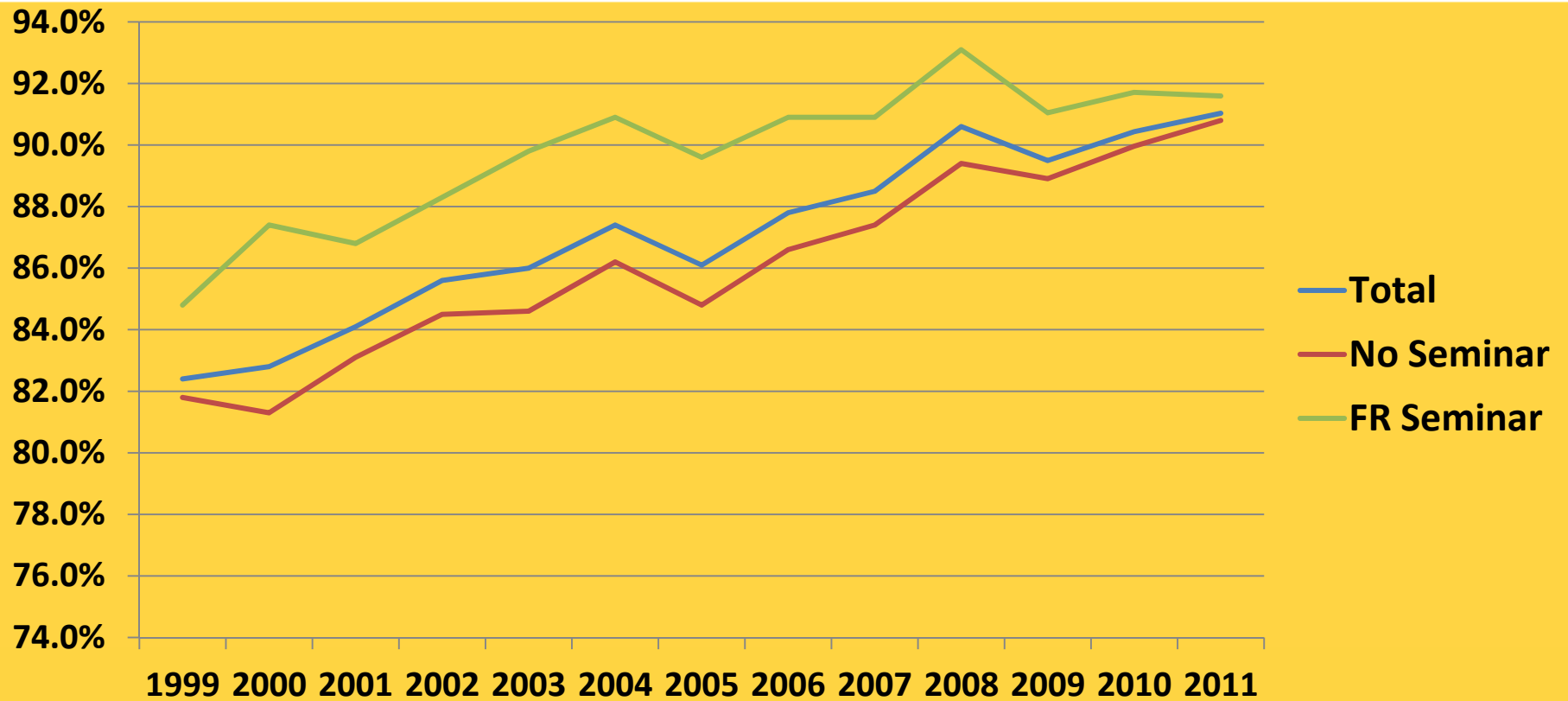
Factor scores (18 items, standardized,  $M = 0$ ,  $SD = 1$ ,  $\alpha = .78-.86$ )



*t*-tests suggest these mean differences are statistically significant ( $p < .05$ ).

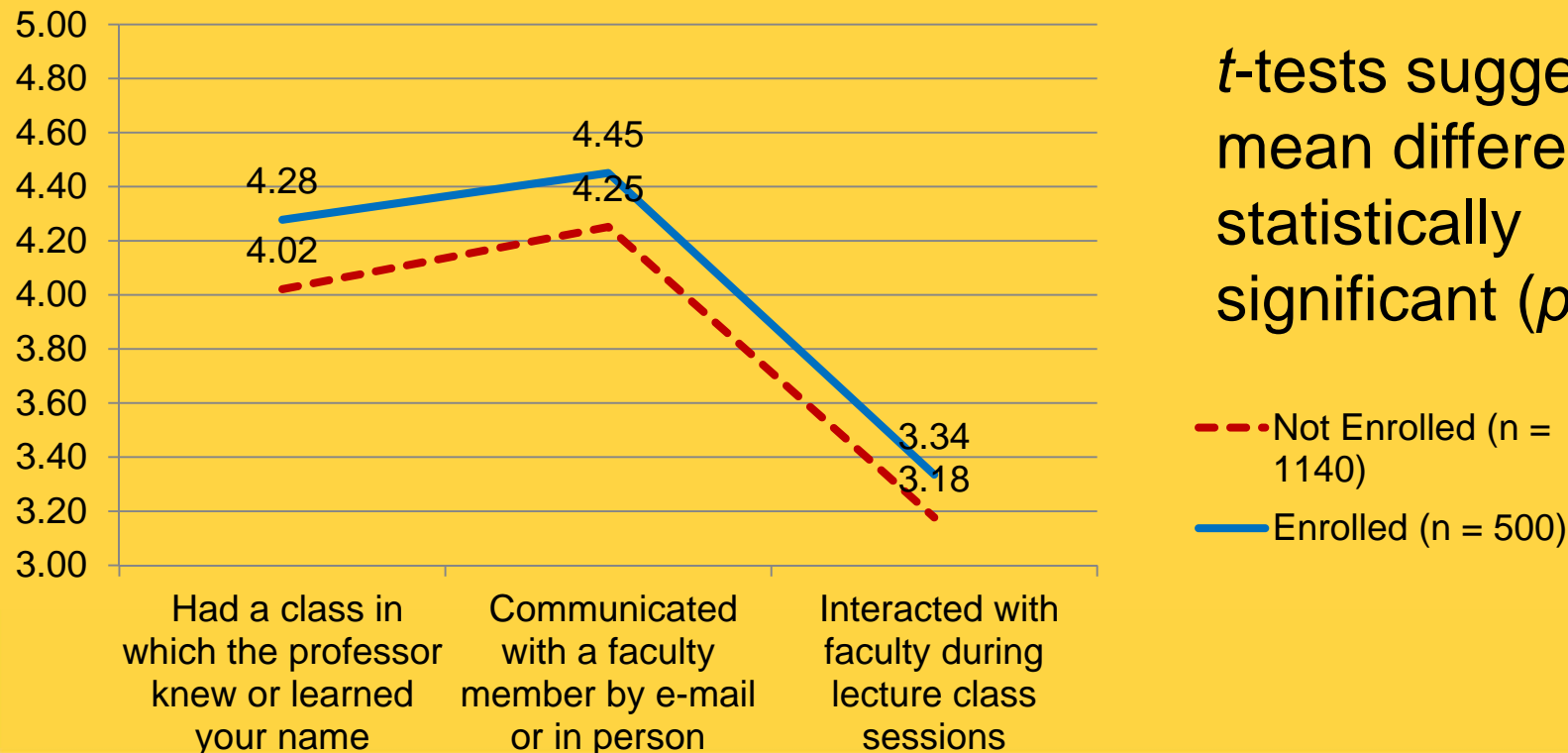


# 2<sup>nd</sup> Year Persistence by Seminar Participation: FY Cohorts 1999-2011



# Seminar Participation: 2011 FY from 2012 SERU

Scale: 1-6 (never to very often)

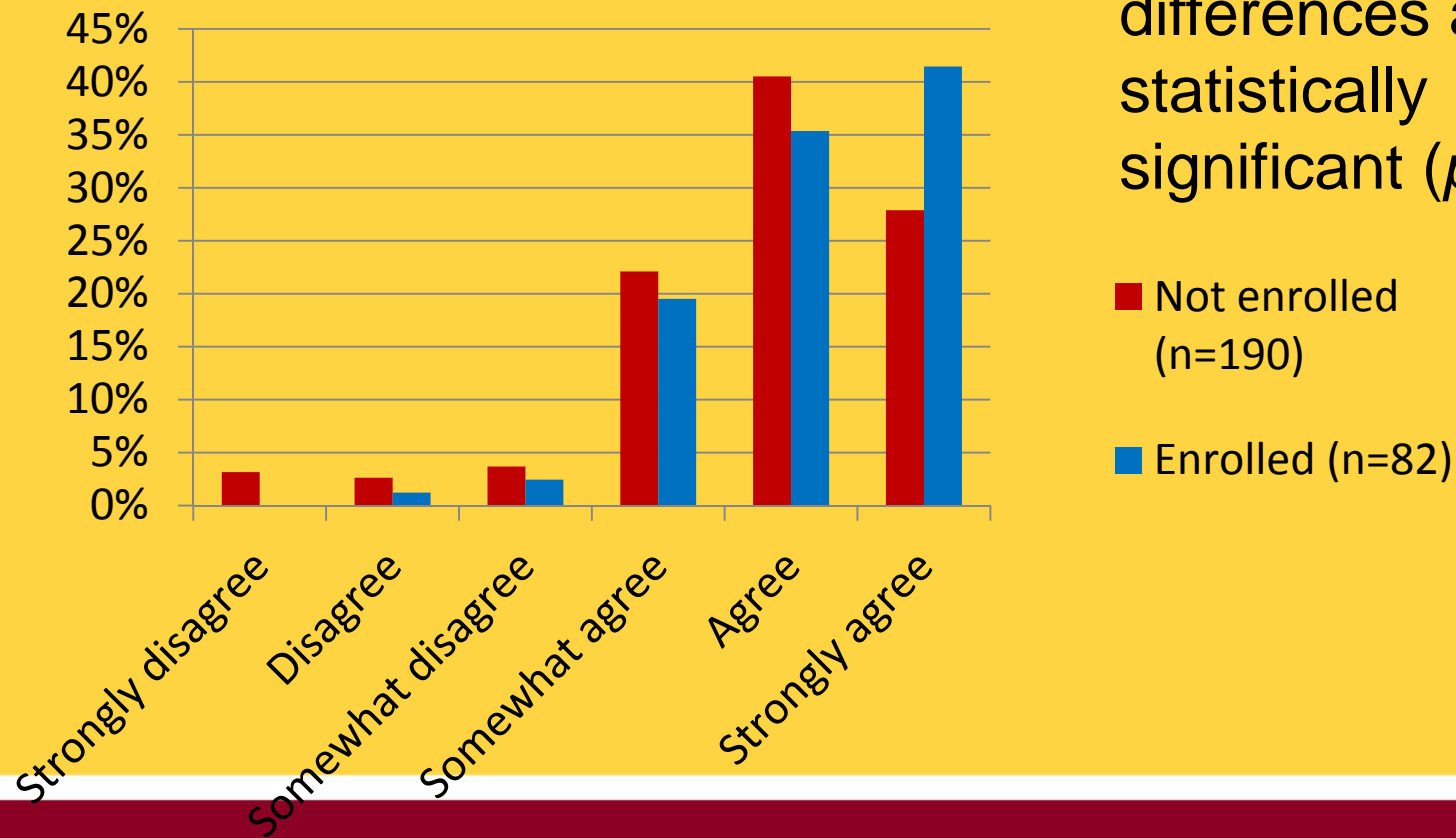


*t*-tests suggest these mean differences are statistically significant ( $p < .05$ ).

# Seminar Participation: 2011 FY from 2012 SERU Student life and development module

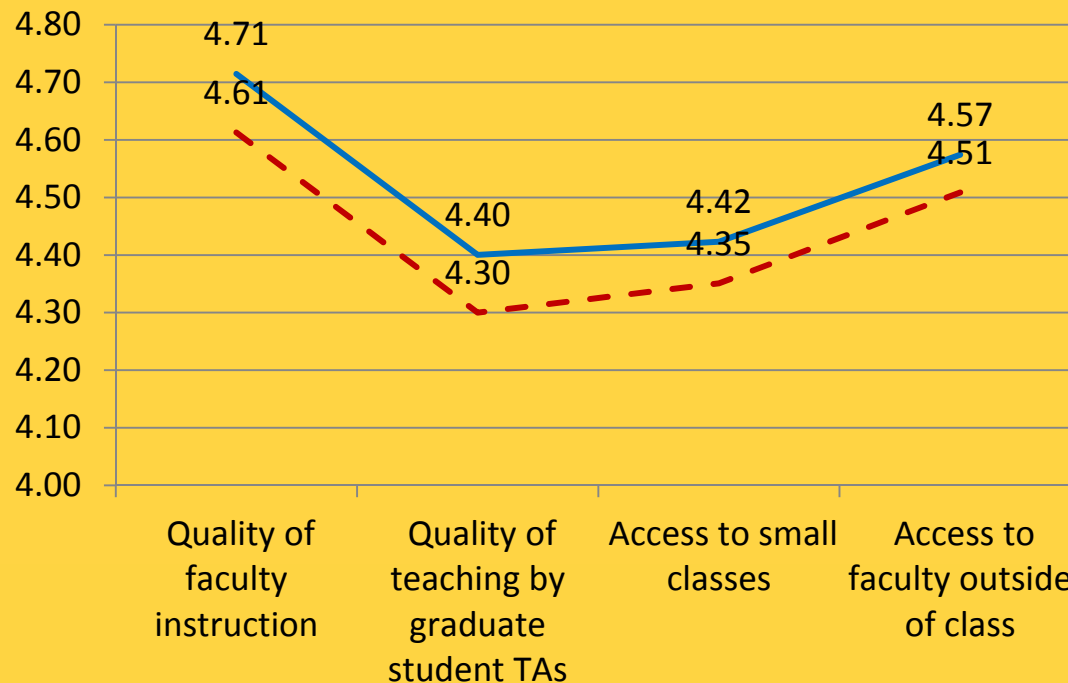
I am proud to be a student at this campus

t-tests suggest mean differences are statistically significant ( $p < .05$ ).



# Seminar Participation: 2011 FY from 2012 SERU

Scale: 1-6 (very dissatisfied to very satisfied)



*t*-tests suggest these mean differences are statistically significant in only one area: quality of faculty instruction ( $p < .05$ ).

--- Not Enrolled (n = 1021-1038)

— Enrolled (n = 450-459)

# Want to Dig into More Data?

SERU on-line results

<http://www.oir.umn.edu/surveys/seru>

Contact

Ron Huesman, [huesm003@umn.edu](mailto:huesm003@umn.edu)

Presentation available at:

[http://www.oir.umn.edu/papers\\_and\\_publications](http://www.oir.umn.edu/papers_and_publications)

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