



New Student Freshman Profile:
Preliminary Report
Fall 2014

1 TABLE OF CONTENTS

2	Introduction and Methodology.....	3
3	Demographic Information.....	4
3.1	Location.....	6
3.2	High school GPA and ACT scores	11
3.3	ACT composite scores and parental level of education.....	17
3.4	ACT subscores and STEM and STEM + H majors.....	22
3.5	ACT subscores and remediation	27
4	High School Experiences	29
4.1	Academic.....	31
4.2	Academic Writing.....	42
4.3	Mathematics and quantitative reasoning courses	44
4.4	Academic rigor	45
4.5	Extracurricular.....	47
5	Murray State University Expectations	54
5.1	Declared Majors.....	58
5.2	Expected Hours/Week on Academics.....	60
5.3	Expected Frequency of Academic Behavior.....	63
5.4	Behaviors Linked to Success	70
5.5	Preparedness for College	76
5.6	Expected Level of Difficulty.....	81
5.7	Expectations of diversity.....	89
5.8	How Quickly They Expect to Graduate	91
5.9	Grades Expected	93
5.10	desired environmental factors at Murray State University	94
5.11	attendance choices	101
6	Appendices.....	104
6.1	Permanent Zip Codes.....	104
6.2	County from which students were admitted.....	115
6.3	ACT English Subscores.....	121
6.4	ACT Mathematics subscores	122
6.5	ACT Reading subscores	123

6.6	ACT Science	124
6.7	ACT Composite	125
6.8	SAT Verbal score	126
6.9	SAT Mathematics score.....	127
6.10	High School GPA.....	128
6.11	Major Declared	134
6.12	STEM majors	137
6.13	STEM-H Majors	137
6.14	High School Name	137
6.15	Highest Level of Education Completed by Parents or Guardians	146

2 INTRODUCTION AND METHODOLOGY

The Division of Student Affairs and the Office of Institutional Effectiveness collaborated on a method of gathering information about the incoming student body. The Division of Student Affairs determined that a profile of incoming students would be helpful for faculty, staff, and administration to plan and provide resources and instruction tailored to our new student body. Accordingly, the two offices created a survey asking about previous academic and extracurricular experiences and attitudes, expectations about their academic and extracurricular experiences at Murray State, and their reasons for selecting Murray State University. The survey results will be disseminated to multiple constituent groups and offices on campus, with the goal of providing information useful for the continuous improvement of the university.

A 34-question online survey was conducted with students when they enrolled for summer orientation, yielding 873 valid sets of responses from 1454 students who registered (60% response rate). Participation was voluntary. Survey questions asked about demographic information, high school experiences, and MSU expectations. A Google form was used for the survey, and students were provided with a link to the Google form as part of their online registration. If students chose not to participate, they were able to complete registration without delays.

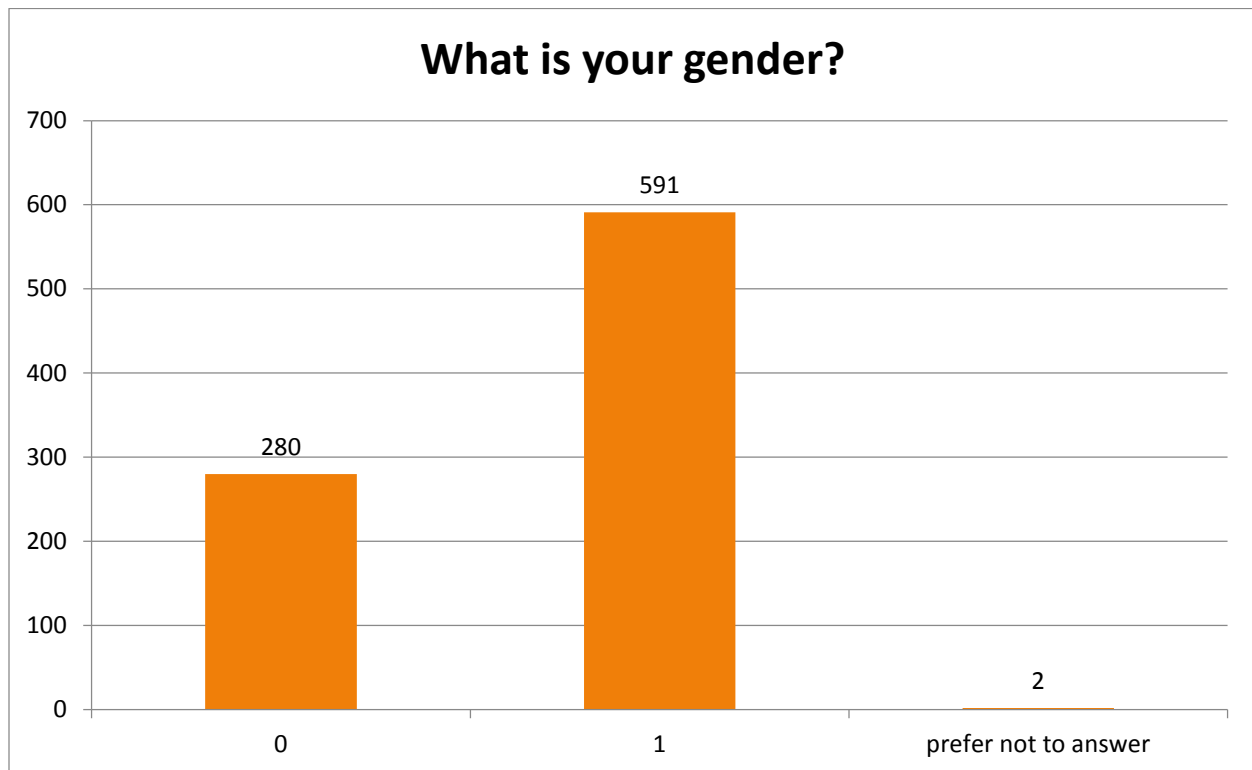
Enrollment Management provided demographic information, including location data, high school grade point average, test scores, class rank and size, and declared major. The two datasets were merged in Excel.

The initial merged dataset included duplicate entries. If the duplications were identical, only one entry was retained in the dataset. If a duplicated entry was incomplete, the complete entry was retained and the incomplete one discarded. If multiple, dissimilar entries for the same student were discovered, the most recent set of responses was retained using the timestamp feature collected by the Google form.

Initial analyses for descriptive statistics were conducted using R open source statistical software and various user-designed packages.

3 DEMOGRAPHIC INFORMATION

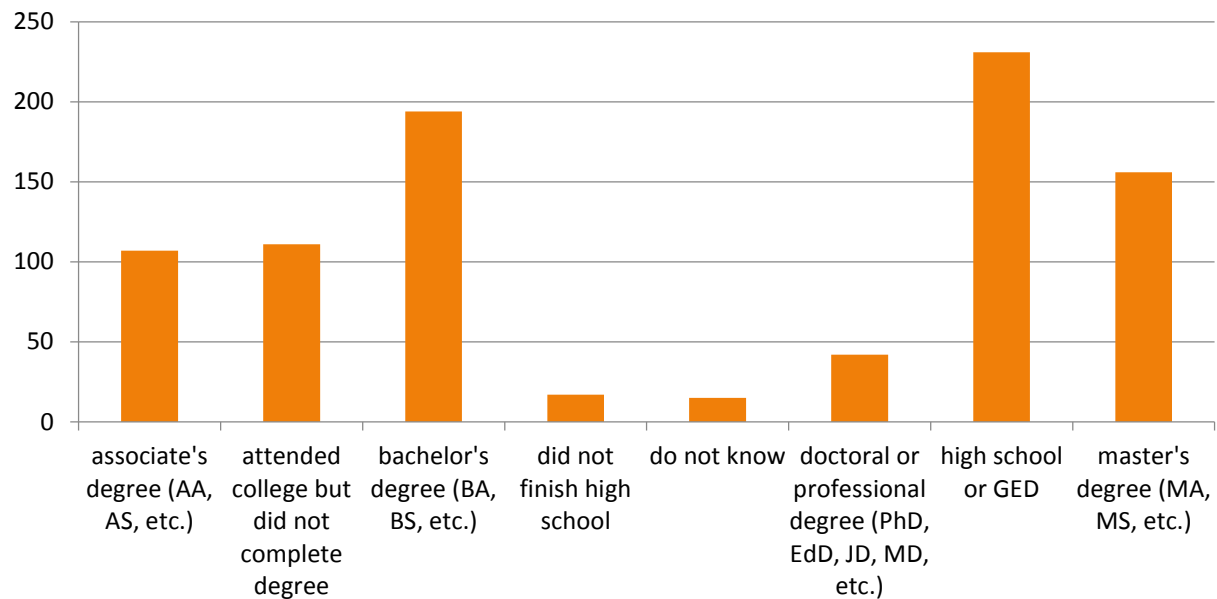
Survey respondents were predominantly female: 280 students (32.1%) who indicated that they were male and 591 students (67.7%) who indicated they were female. Two respondents indicated that they preferred not to answer. This proportion is consistent with expectations for the 2014-15 incoming new student class.



What is your gender?	
Male	280
Female	591
prefer not to answer	2
Grand Total	873

Respondents indicated the highest level of education achieved by their parents, and 374 of those students come from homes where neither parent completed a college degree of any kind. Thus, 42.8% of our respondents are first-generation college students. The largest proportion of respondents had parents whose highest degree is a high school diploma or equivalent.

What is the highest level of education completed by either of your parents or guardians?



What is the highest level of education completed by either of your parents or guardians?	
did not finish high school	17
high school or GED	231
attended college but did not complete degree	111
associate's degree (AA, AS, etc.)	107
bachelor's degree (BA, BS, etc.)	194
master's degree (MA, MS, etc.)	156
doctoral or professional degree (PhD, EdD, JD, MD, etc.)	42
do not know	15
Grand Total	873

3.1 LOCATION

Respondents came from 23 states, although the most common locations were from Kentucky, northwestern Tennessee, the St. Louis area, and southern Illinois and Indiana. The following table shows the top 20 locations for respondents by county and state.

State and County	Percentage of respondents
KY - Calloway	7.6%
KY - Jefferson	5.5%
KY - Graves	5.3%
KY - McCracken	3.9%
KY - Marshall	3.1%
MO - St. Louis	2.6%
KY - Daviess	2.3%
KY - Trigg	2.3%
KY - Henderson	2.2%
IN - Warrick	2.1%
TN - Shelby	1.9%
KY - Oldham	1.8%
KY - Christian	1.7%
TN - Henry	1.6%
KY - Hopkins	1.6%
KY - Muhlenberg	1.6%
IN - Vanderburgh	1.6%
IL - Madison	1.4%
KY - Logan	1.4%
KY - Union	1.1%
TN - Madison	1.1%
KY - Bullitt	1.1%
KY - Fulton	1.1%

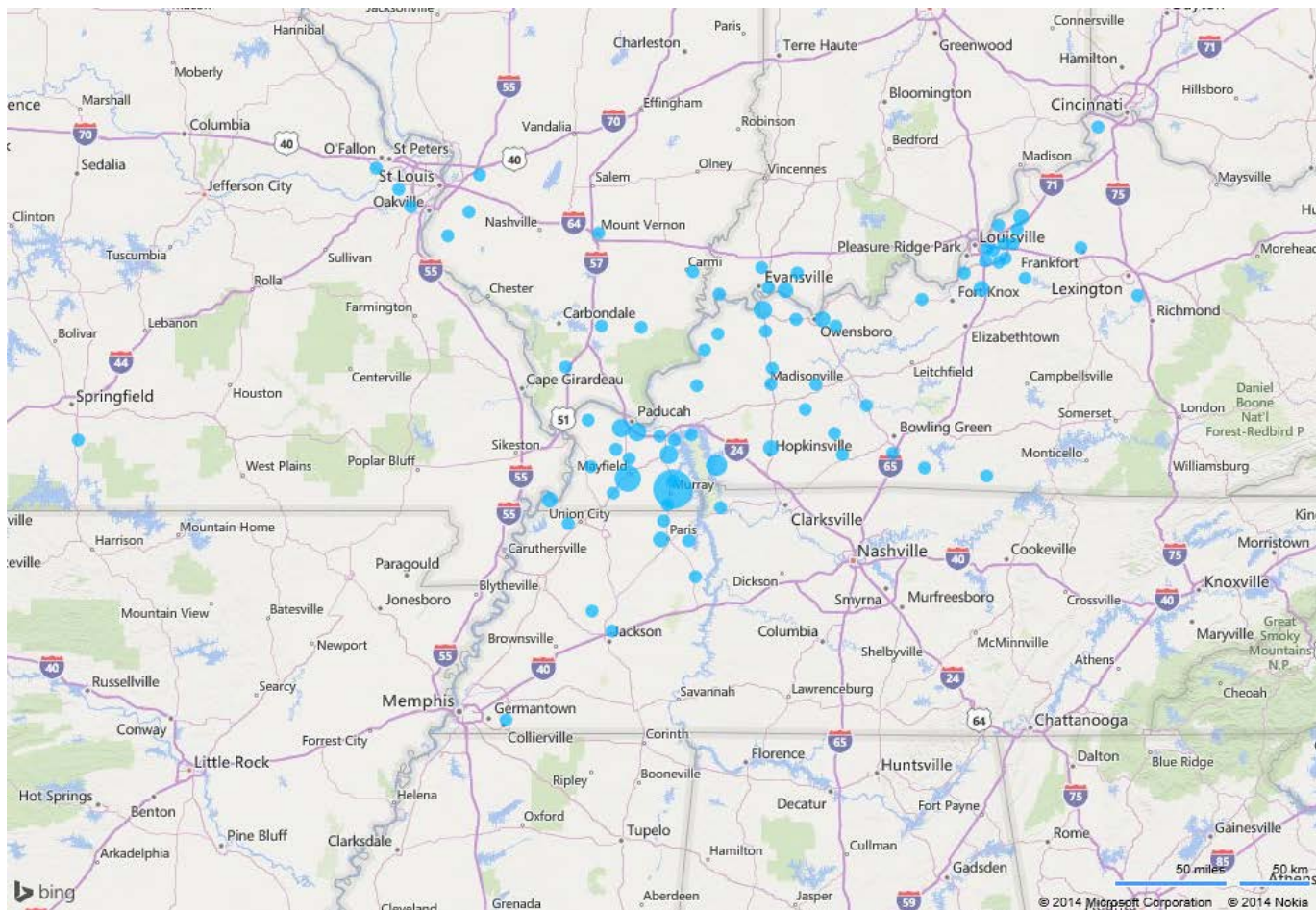


Figure 1. Location of the Top 100 Zip Codes for Survey Respondents

Figure 1 illustrates where the largest populations of our students are from. In Figure 1, the size of the blue dot indicates how many respondents listed that zip code as part of their address. The highest population center is in western Kentucky, and corresponds to our 18-county service region (Figure 2).

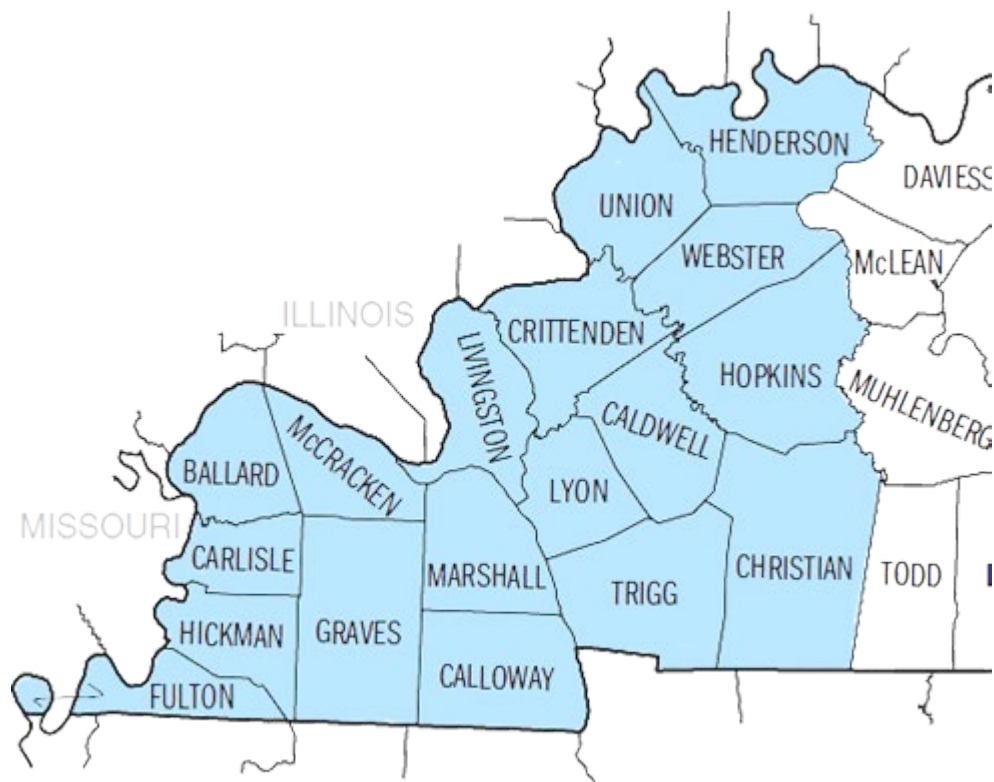


Figure 2. Murray State University's Eighteen-County Service Region

Figure 3 illustrates where our students are hailing from on a national level. Red states have the lowest population, while green indicates the highest population centers.

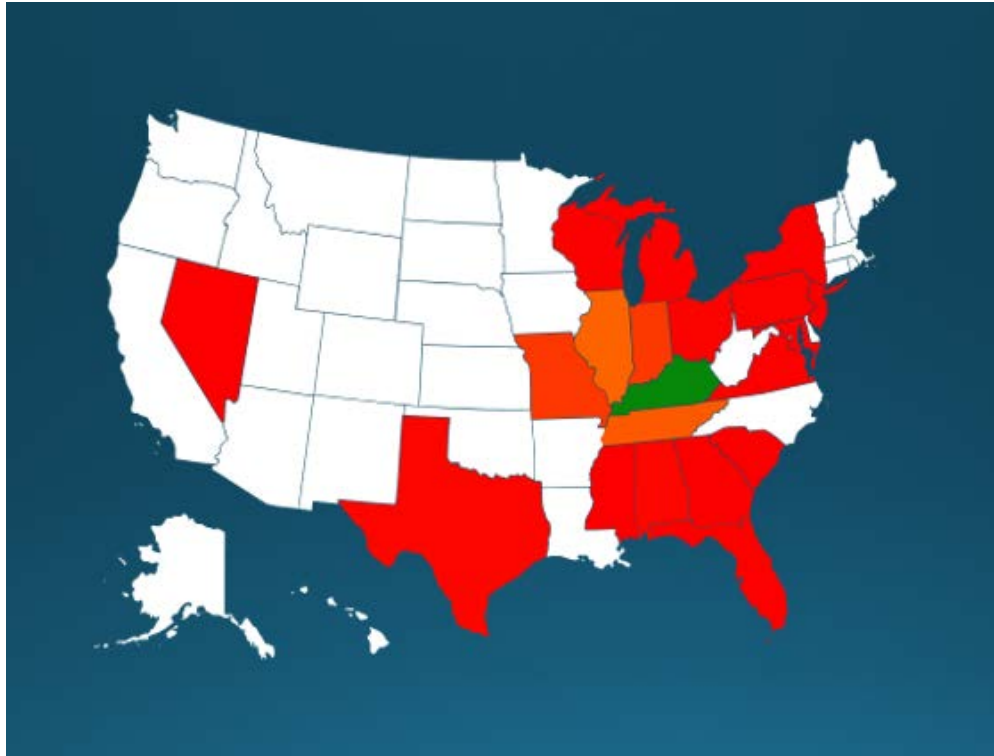


Figure 3. Location of Murray State University's New Student Population on a National Scale

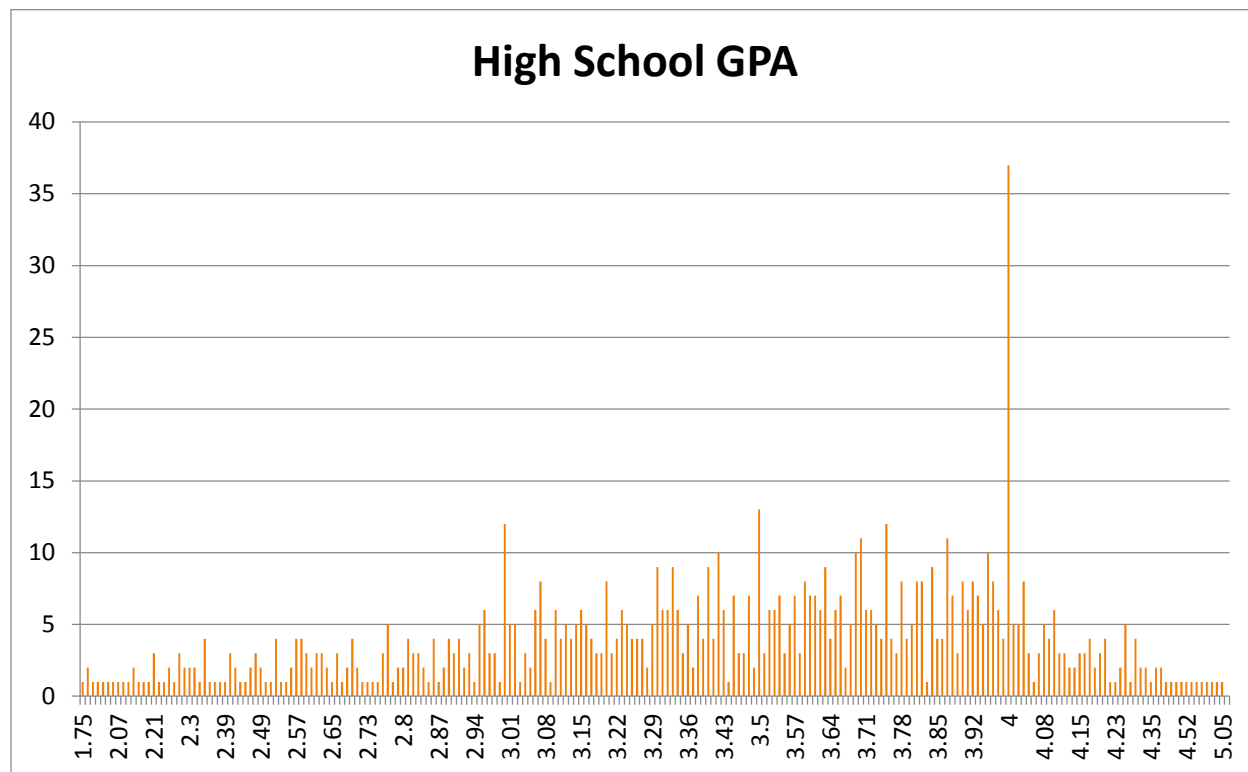
COUNTY	
KY - Calloway	67
KY - Jefferson	48
KY - Graves	46
KY - McCracken	34
KY - Marshall	27
MO - St. Louis	23
KY - Daviess	20
KY - Trigg	20
KY - Henderson	19
IN - Warrick	18
TN - Shelby	17
KY - Oldham	16
KY - Christian	15
TN - Henry	14
KY - Hopkins	14
KY - Muhlenberg	14
IN - Vanderburgh	13
IL - Madison	12
KY - Logan	12
KY - Union	10
TN - Madison	10
KY - Bullitt	10
KY - Fulton	10
Grand Total	489

Top 10 High Schools	
Calloway Co High School	39
Marshall Co High School	28
Graves County High School	25
Murray High School	24
McCracken County High School	21
Trigg County High School	19
Henderson County Sr High School	18
Henry County High School	14
Muhlenberg County High School	13
Mayfield High School	13
Grand Total	214

Eight of the ten high schools that send the most students to Murray State are located within MSU's 18-county service region. Henry County High School (TN) and Muhlenberg County High School (KY), the two outliers, are located in counties just outside of our service region. Accordingly, MSU is fulfilling our mission to our 18-county service region.

3.2 HIGH SCHOOL GPA AND ACT SCORES

The average high school GPA is 3.44 (SD 0.55) and ranges from 1.75 to 5.05, with females outperforming males by nearly two tenths of a point.

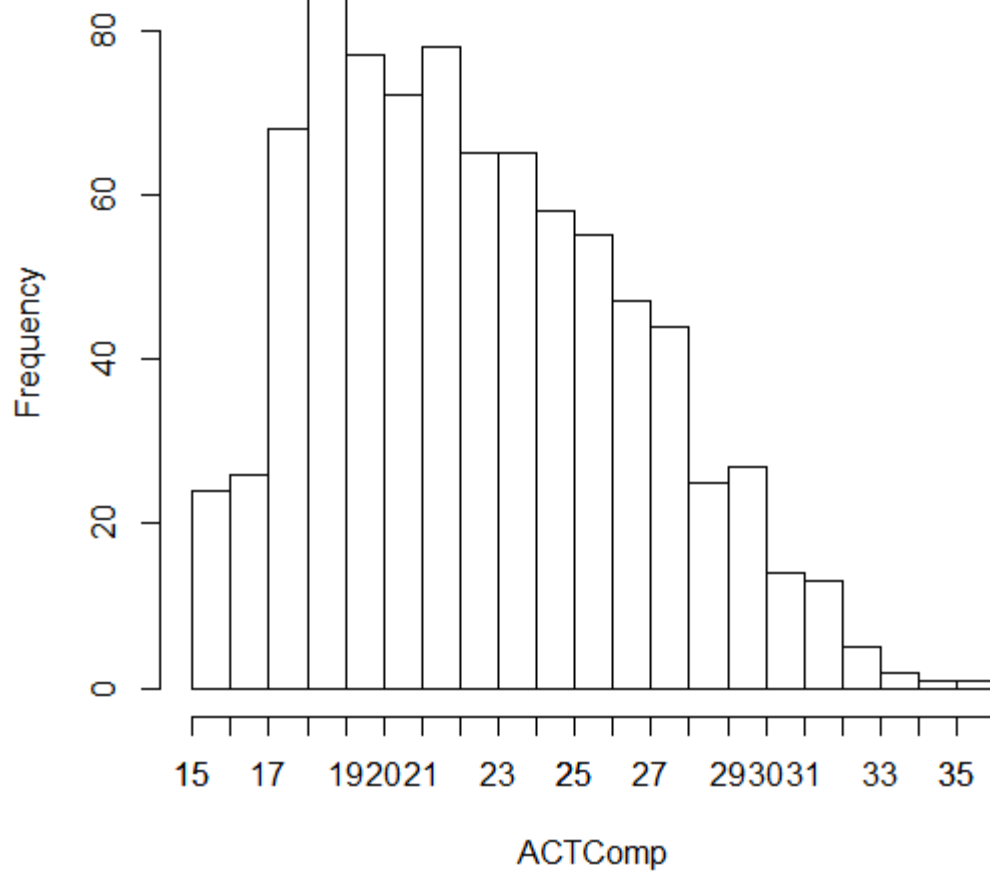


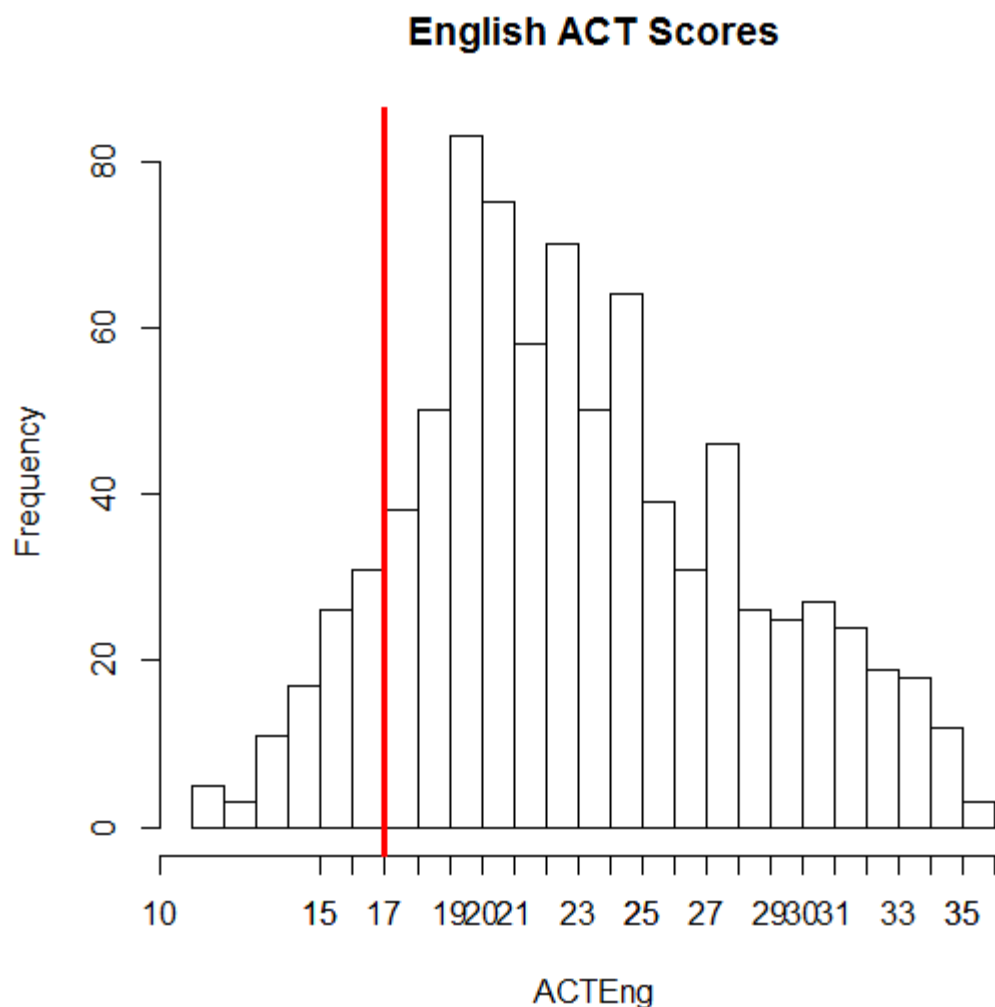
ACT scores ranged from 15 to 36 (composite), 11 to 36 (English), 13 to 36 (math), 11 to 36 (reading), and 12 to 36 (science). While males have almost a point higher average score on the math section of the ACT, the mean for English scores is just over a point higher and almost a point higher in reading for females.

	Number of Respondents	Composite ACT Score (Mean, Std. Dev.)	English ACT Score (Mean, Std. Dev.)	Math ACT Score (Mean, Std. Dev.)	Reading ACT Score (Mean, Std. Dev.)	High School GPA (Mean, Std. Dev.)
Male	280	22.90, 4.1	22.77, 5.1	22.79, 4.3	23.67, 5.3	3.31, 0.6
Female	591	22.96, 4.1	23.88, 5.1	21.81, 4.2	24.59, 5.2	3.50, 0.5

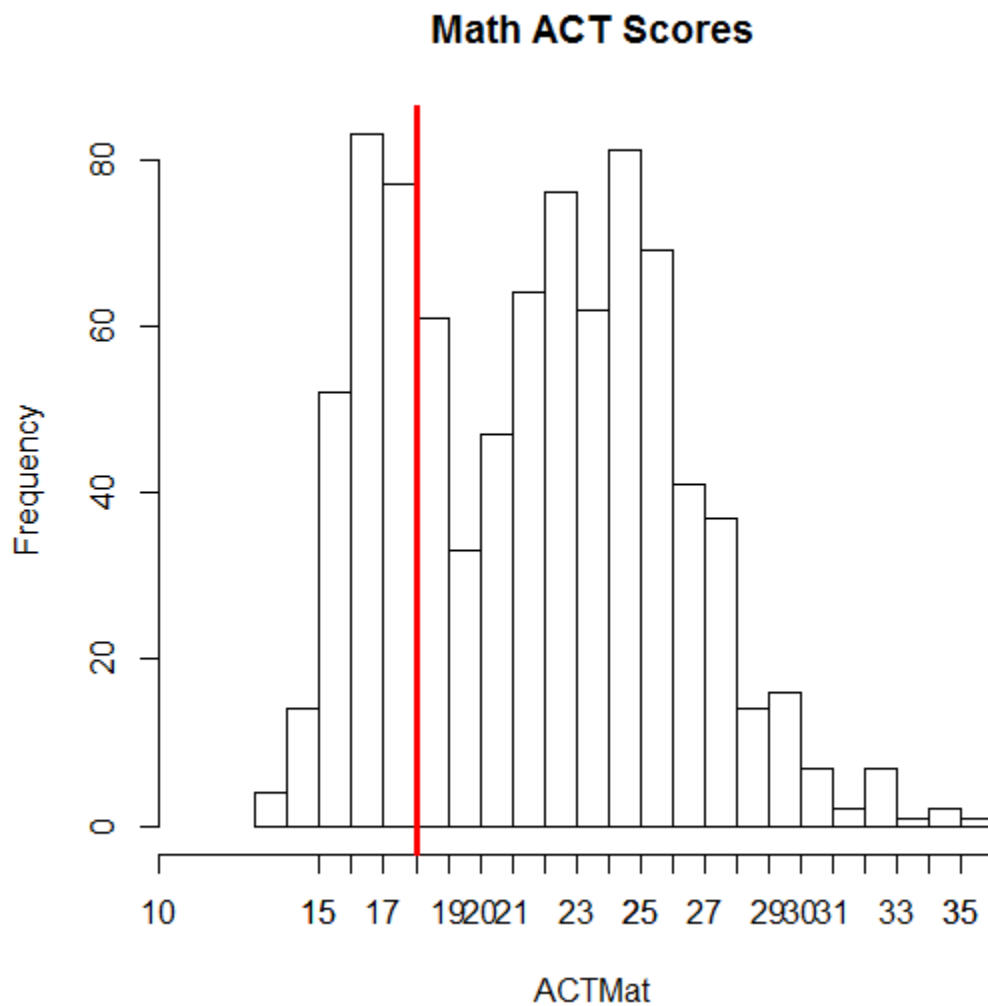
The following figures illustrate both the range of ACT scores and the proportion of respondents who achieved those scores.

Composite ACT Scores

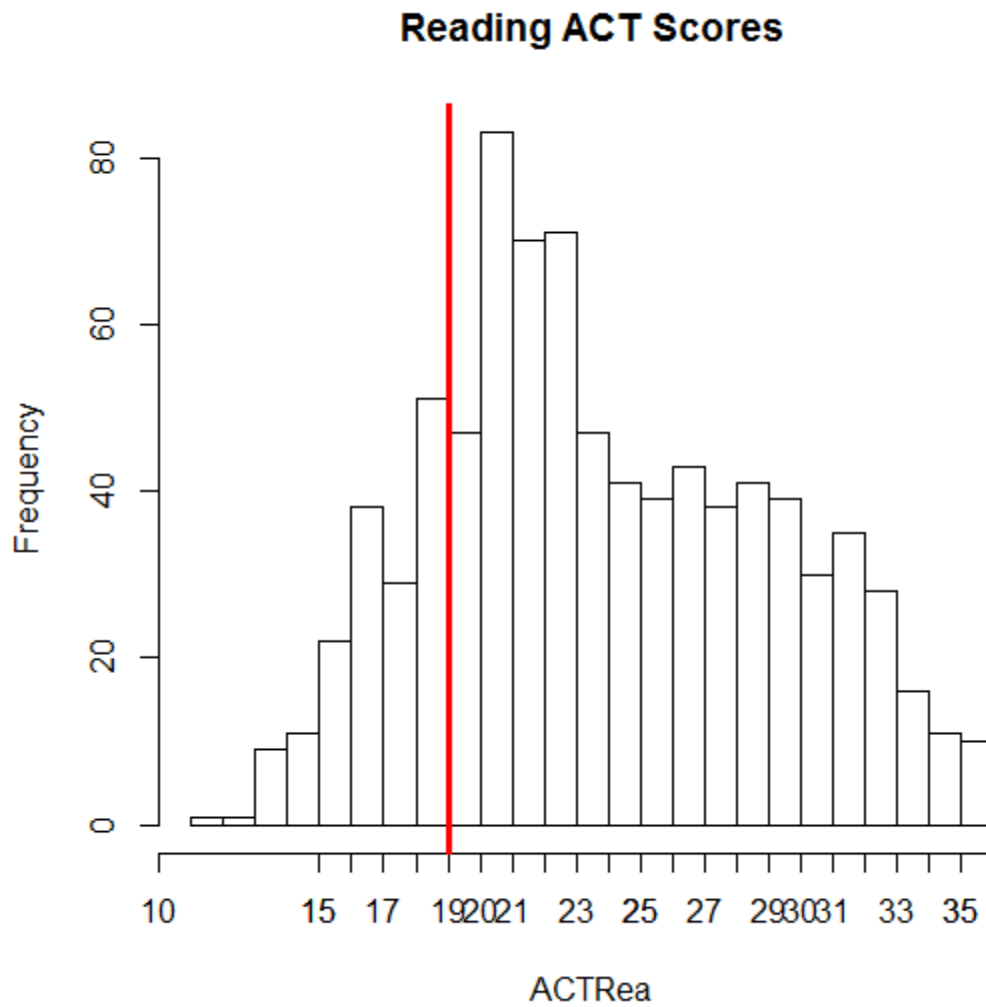




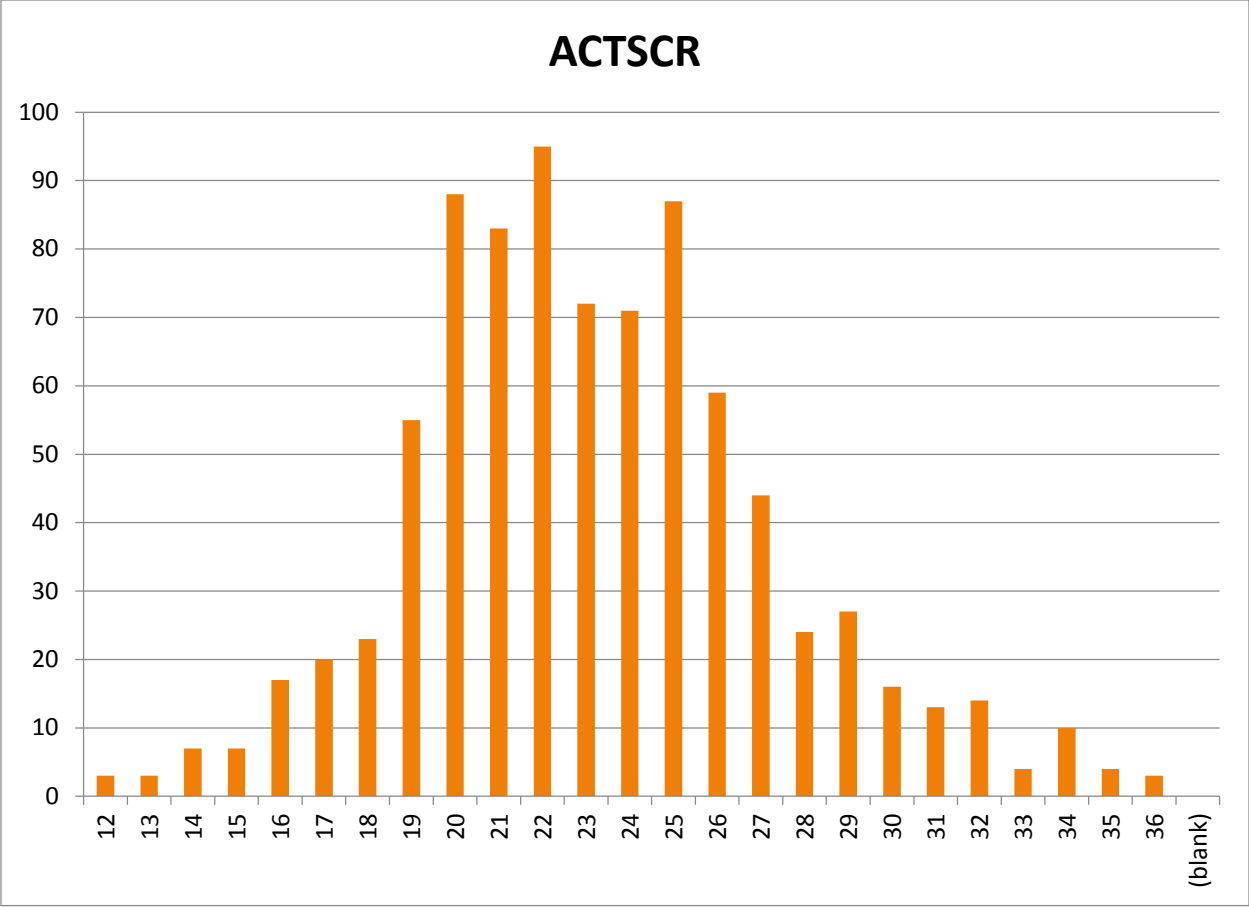
The red line indicates the threshold for remediation in English at Murray State University. Murray State University is required by the Council on Postsecondary Education to enroll freshman in a subject-specific developmental course when the student’s ACT English subscore is 17 and below. Further, incoming freshman are placed in two different developmental courses based on subscore: ENG 095 with a subscore of under 15, and ENG 100 for students with an English subscore of 15 to 17.



The red line indicates the threshold for remediation in mathematics at Murray State University. Murray State University is required by the Council on Postsecondary Education to enroll freshman in a subject-specific developmental course when the student's ACT math subscore is 18 and below. Further, incoming freshman are placed in different developmental courses based on subscore: MAT 095 with a subscore of under 15, and MAT 096 for students with a math subscore of 15 to 18. Depending on major, some students with ACT Math subscores under 21 may be required to enroll in MAT 097.



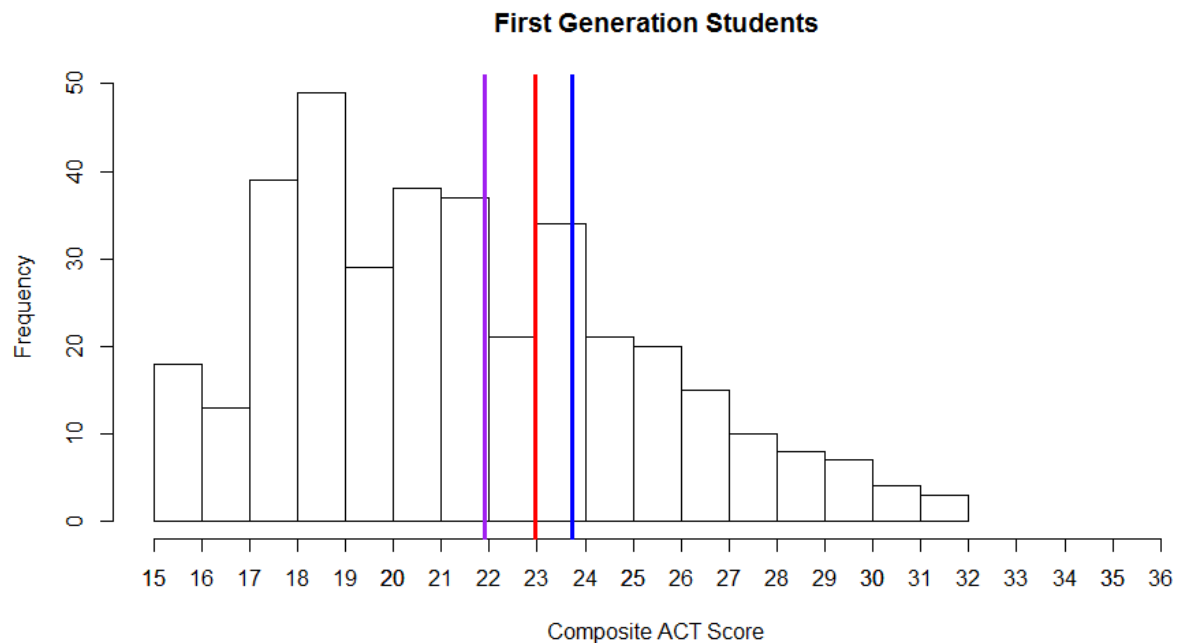
The red line indicates the threshold for remediation in reading at Murray State University. Murray State University is required by the Council on Postsecondary Education to enroll freshman in a subject-specific developmental courses, REA 100 and REA 120, when the student's ACT reading subscore is 19 and below.

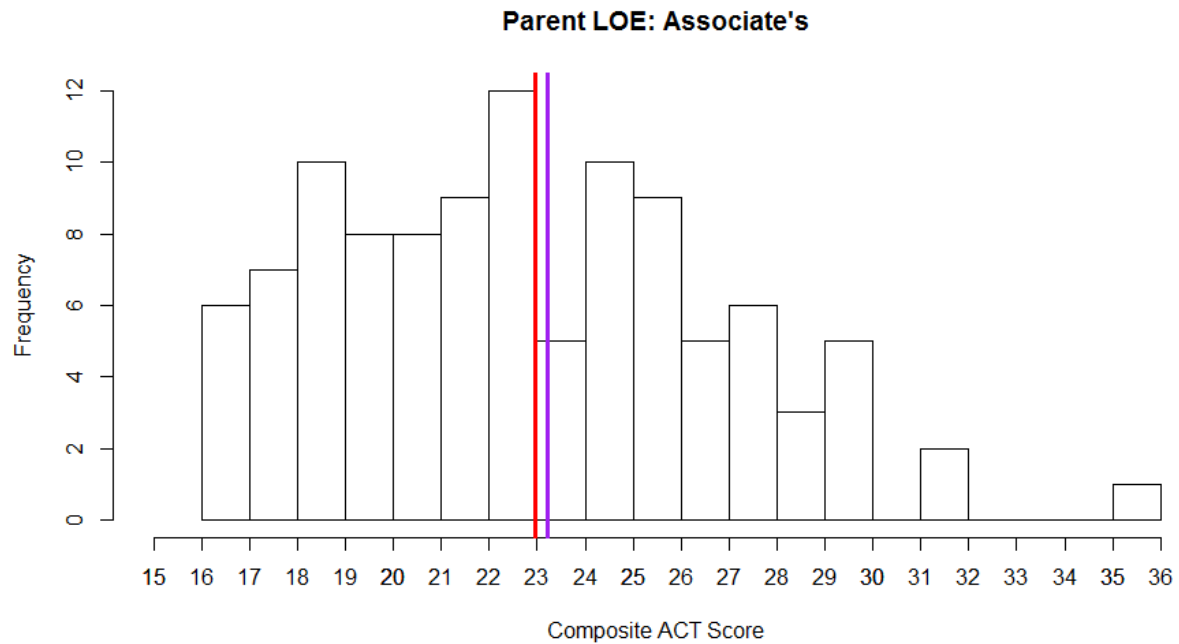


3.3 ACT COMPOSITE SCORES AND PARENTAL LEVEL OF EDUCATION

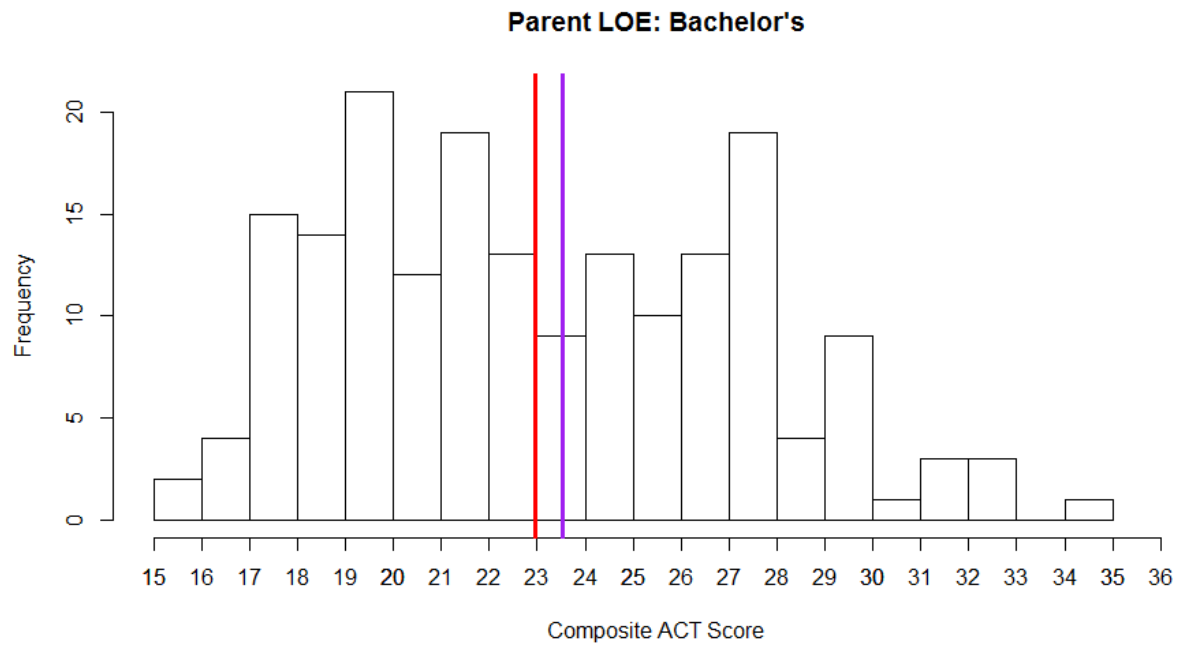
The following bar charts indicate that higher parental level of education corresponds to a higher composite ACT score. The mean ACT composite score for all majors is 22.95 (median of 22.0, standard deviation 4.1), and is indicated by the red line.

First generation college students' ACT data seems to be right skewed with a mean less than that of the entire cohort. The purple line indicates the mean of the first generation college students' subset, and the blue line indicates mean of the respondents with parents who have a college degree. Students with parents who have a bachelor's degree or better have a mean score higher than the entire cohort.

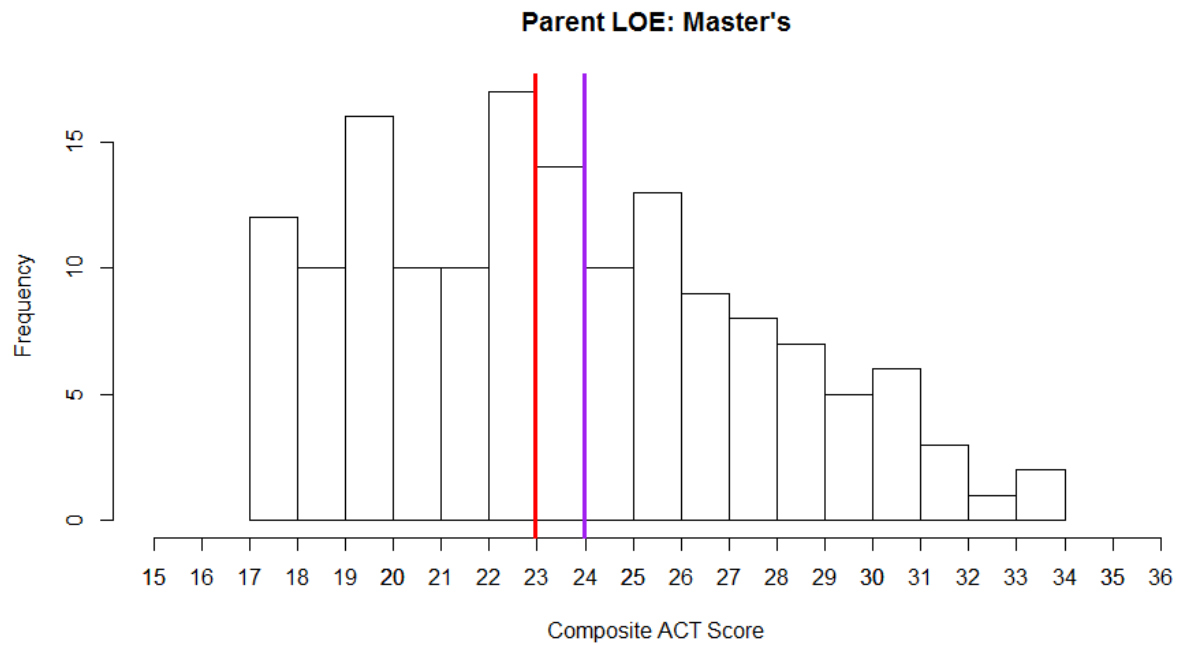




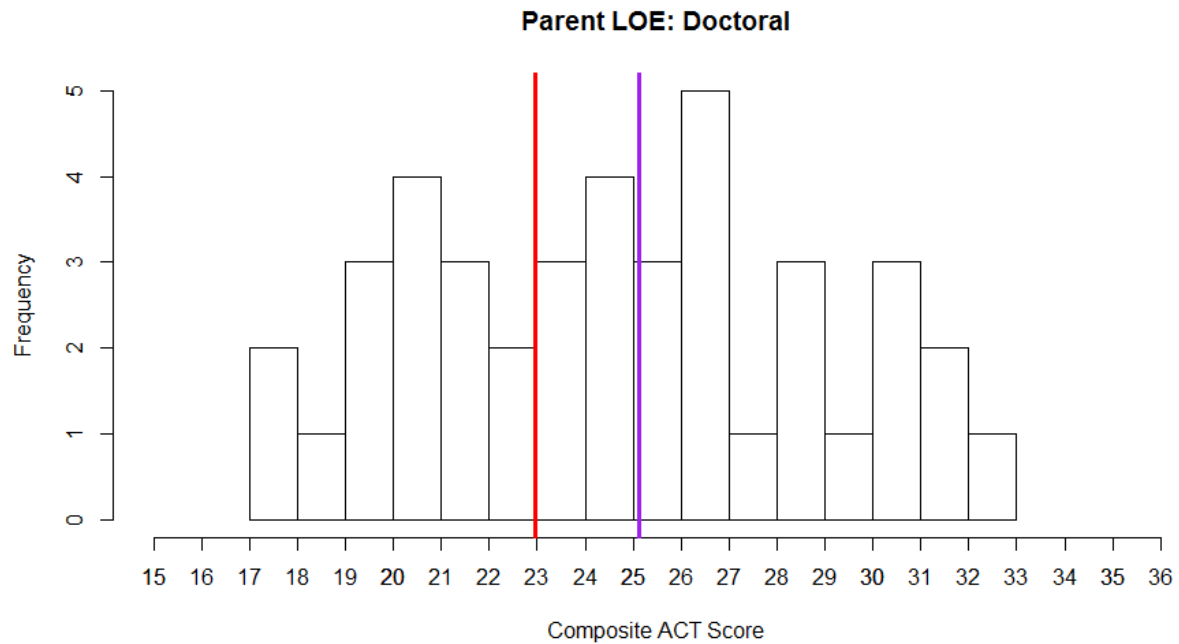
The purple line indicates mean of the subset, and the red line indicates mean for the entire group. Respondents with a parent who has earned an associate's degree do not differ significantly from the average ACT composite of the entire group.



The purple line indicates mean of the subset, and the red line indicates mean for the entire group. Respondents with a parent who has earned a bachelor's degree have an average ACT composite score that is .5 higher than the average ACT composite of the entire group.



The purple line indicates mean of the subset, and the red line indicates mean for the entire group. Respondents with a parent who has earned a bachelor's degree have an average ACT composite score that is a full point higher than the average ACT composite of the entire group.



The purple line indicates mean of the subset, and the red line indicates mean for the entire group. Respondents with a parent who has earned a bachelor's degree have an average ACT composite score that is two full points higher than the average ACT composite of the entire group.

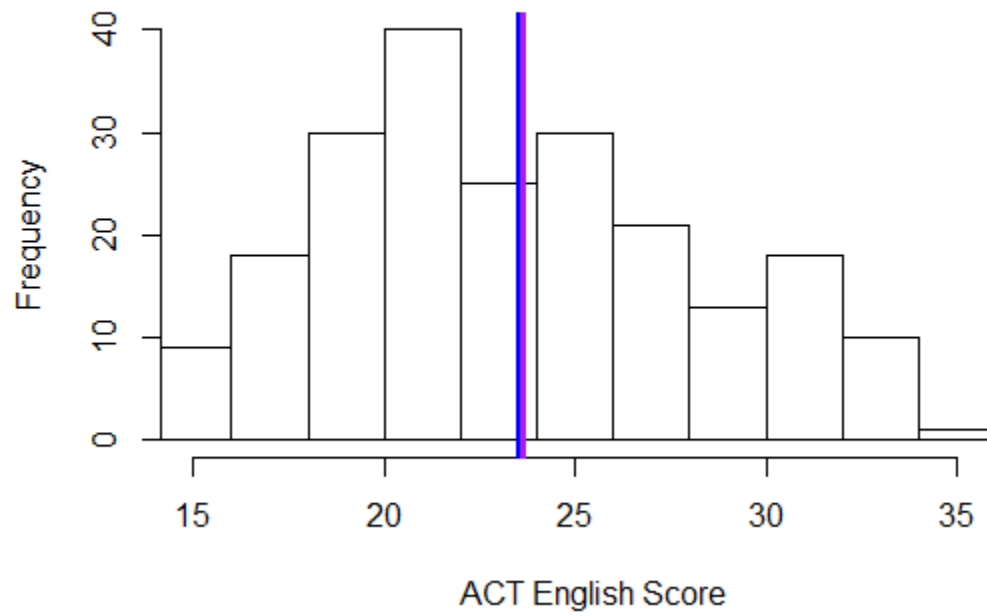
Each additional degree level is correlated with an increase in the average ACT composite score.

3.4 ACT SUBSCORES AND STEM AND STEM + H MAJORS

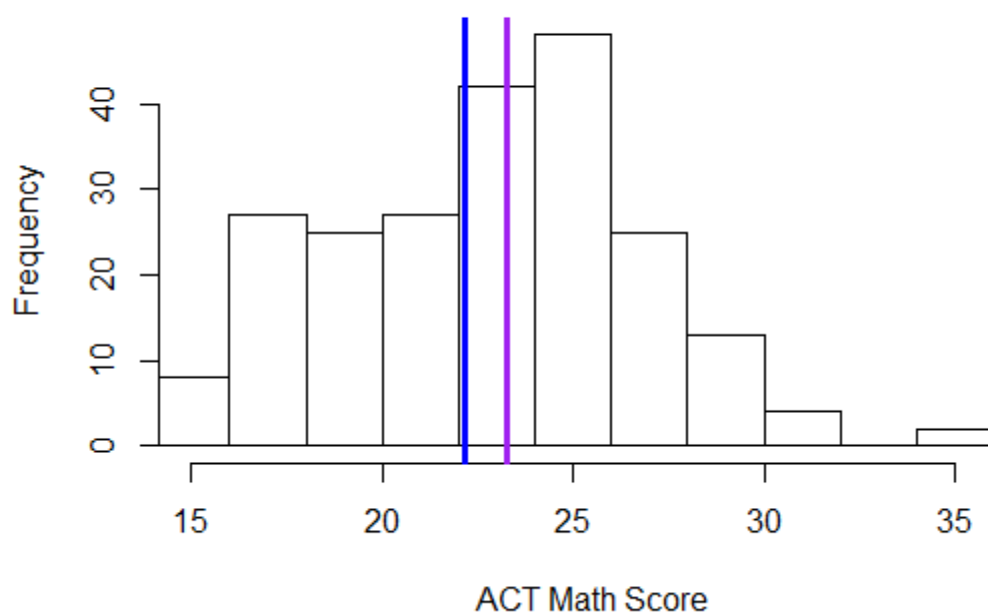
The mean ACT composite score for all majors is 22.95 (median of 22.0, standard deviation 4.1). While STEM students outperform that mean with a mean score of 23.49 (median of 23.0, standard deviation 4.1), non-STEM students on average scored 22.77 (median of 22.0, standard deviation 4.0). Re-evaluating the scores, we find a mean score of median of 23.07 (23.0, standard deviation 4.1) for STEM-H majors and 22.82 (22.0, standard deviation 4.0) for non-STEM-H majors.

	Number of Respondents	Composite Mean	Composite Std. Dev.	English Mean	English Std. Dev.	Math Mean	Math Std. Dev.	Reading Mean	Reading Std. Dev.
All Majors	873	22.95	4.1	23.52	5.1	22.14	4.3	24.29	5.2
STEM	227	23.49	4.1	23.62	5.1	23.25	4.0	24.38	5.5
Non-STEM	646	22.77	4.0	23.49	5.2	21.75	4.23	24.26	5.1
STEM-H	457	23.07	4.1	23.42	5.1	22.45	4.2	24.23	5.3
Non-STEM-H	416	22.82	4.0	23.64	5.1	21.80	4.3	24.36	5.1

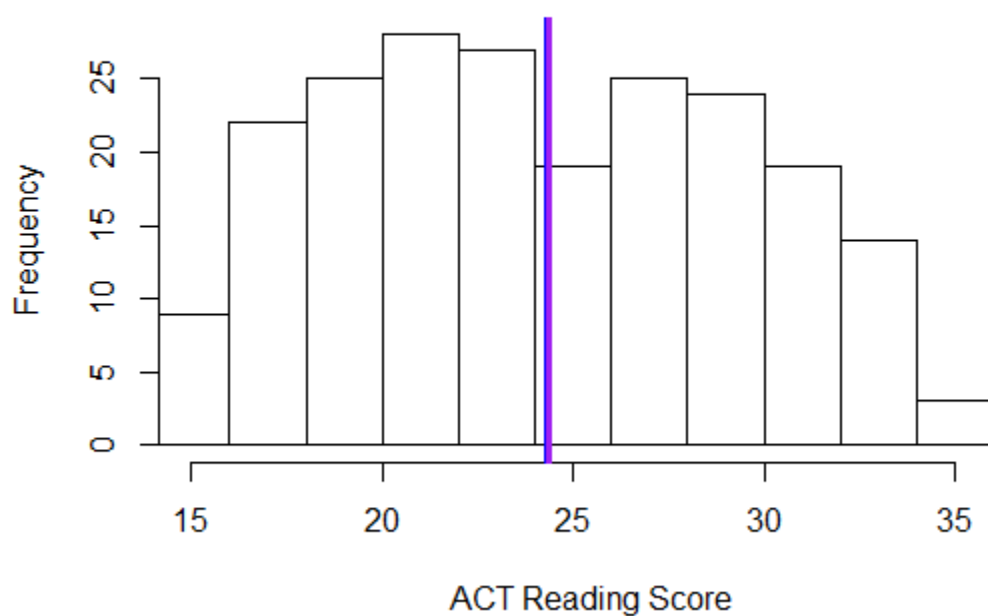
ACT for STEM Majors



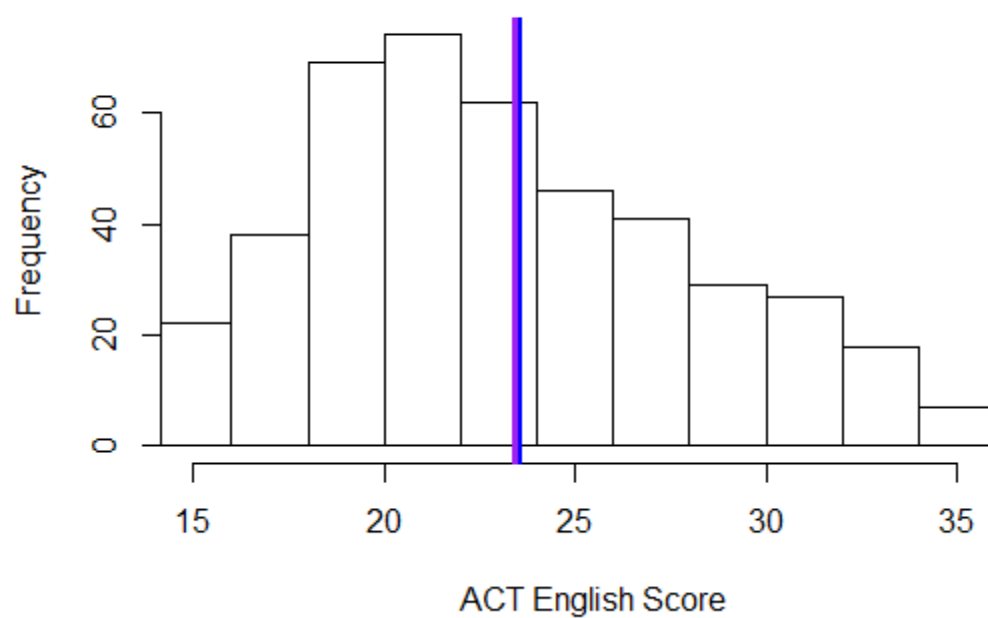
ACT for STEM Majors



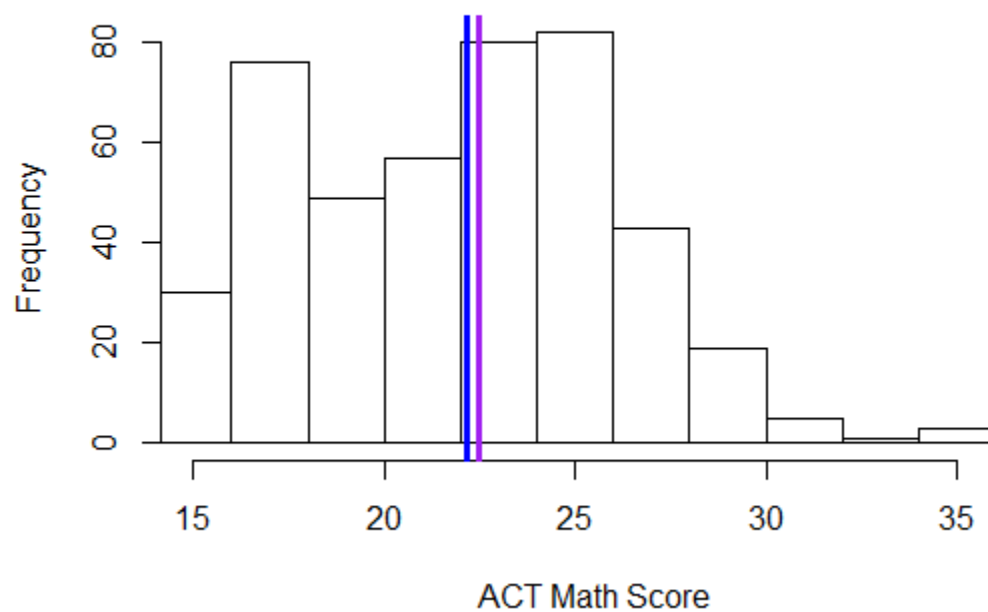
ACT for STEM Majors



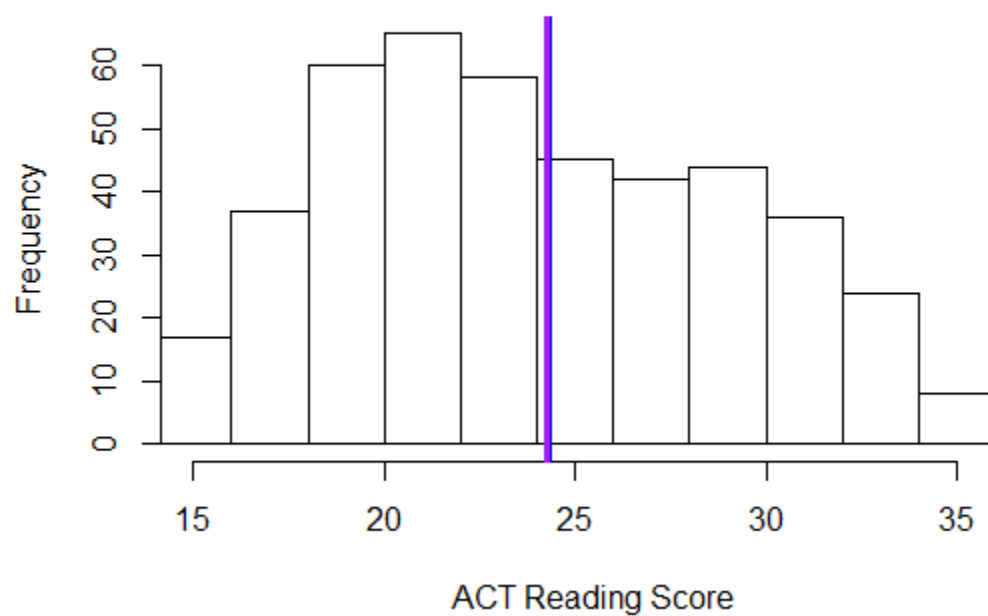
ACT for STEM-H Majors



ACT for STEM-H Majors



ACT for STEM-H Majors



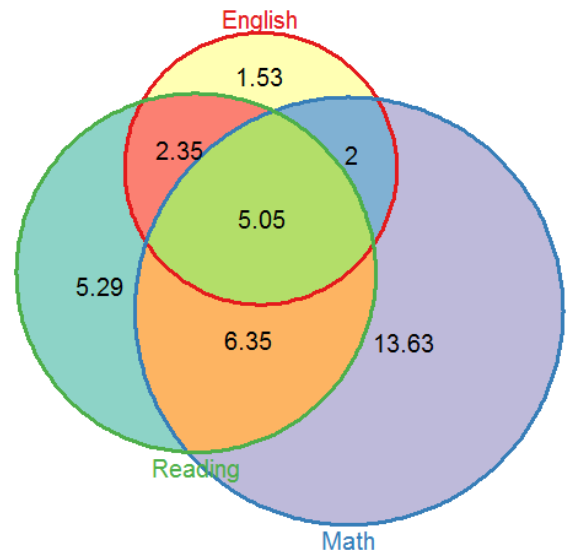
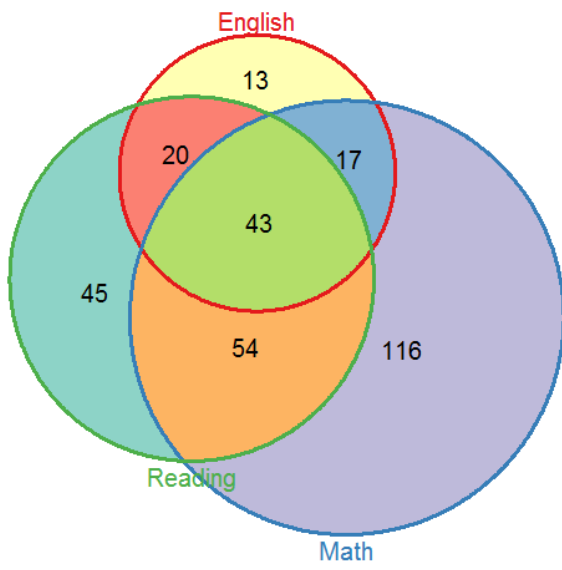
3.5 ACT SUBSCORES AND REMEDIATION

We have 93 respondents who have an ACT English score at or less than 17 indicating some sort of remediation is necessary in that area. We have 230 respondents who have an ACT math score at or less than 18 indicating some sort of remediation is necessary in that area. We have 162 respondents who have an ACT reading score at or less than 19 indicating some sort of remediation is necessary in that area. The total number of students requiring some form of remediation based on ACT sub-scores is 308 out of 851 (or 36.2% of) respondents who have ACT data.

The following two Venn diagrams display the respondents requiring remediation in each of the three subject areas of concern. The first indicates the number of respondents, while the second shows percentages (out of the ACT scores available). The area requiring most remediation is clearly math (23.03% while reading and English are at 19.04% and 10.93% respectively). Of those students requiring remediation in math, 49.57% also require remediation in at least one other area (42.17% in reading, 26.09% in English, and 18.70% in both). Of those students requiring remediation in English, 86.02% also require remediation in at least one other area (67.74% in reading, 64.52% in math, and 46.24% in both). Of those students requiring remediation in reading, 72.22% also require remediation in at least one other area (59.88% in math, 38.89% in English, and 26.54% in both). Of the students requiring remediation in any area, 43.51% require remediation in another area.

Given Remediation in:	Any Other Area	Also English	Also Math	Also Reading	Every Area
Any Area	43.51	NA	NA	NA	13.96
English	86.02	100	64.52	67.74	46.24
Math	49.57	26.09	100	42.17	18.70
Reading	72.22	38.89	59.88	100	26.54

Venn Diagrams with Counts and Percentages of Students Needing Remediation

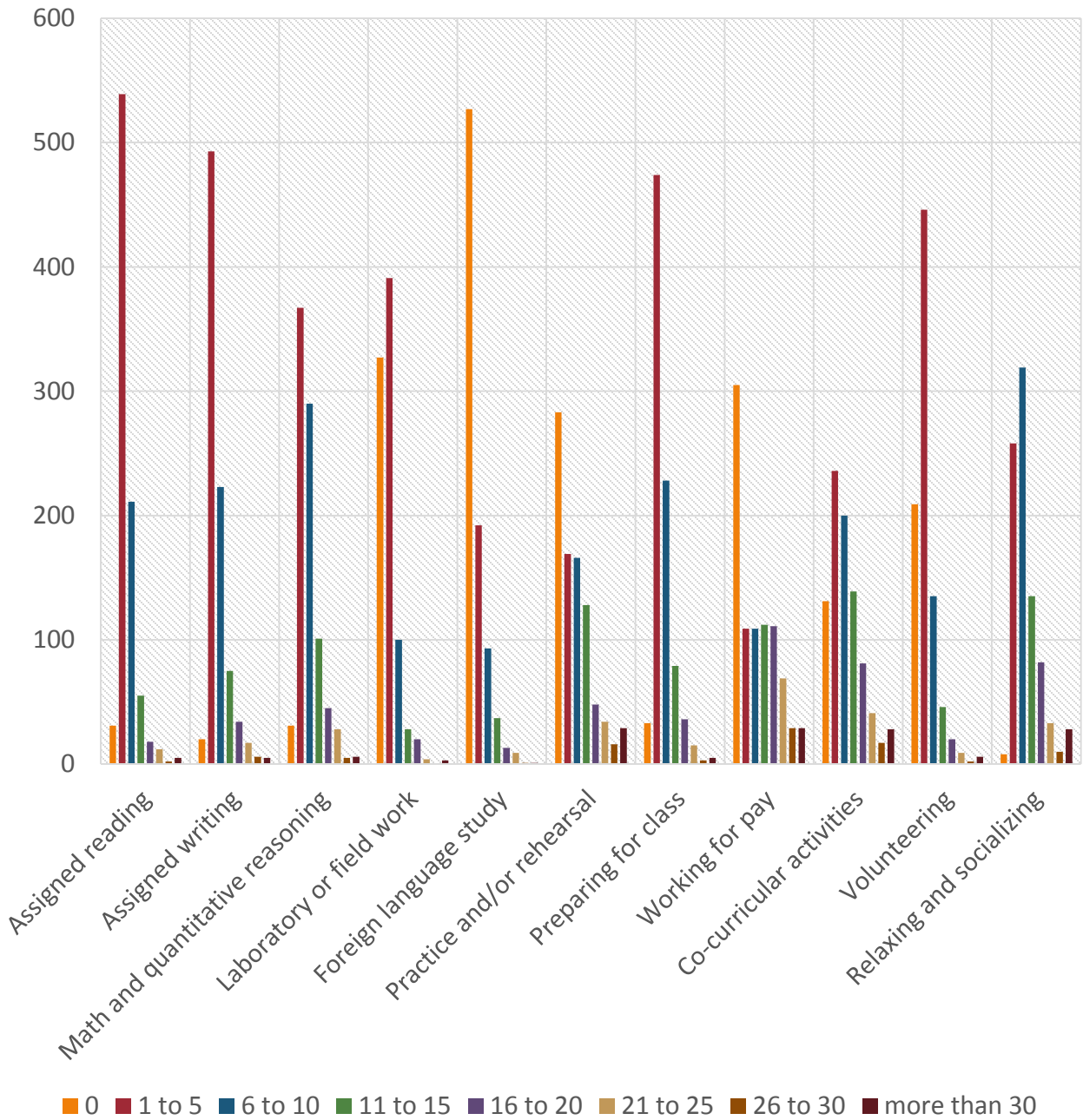


4 HIGH SCHOOL EXPERIENCES

The majority of respondents spent between 1 to 5 hours per week on most academic and extracurricular activities during the last year of high school. The most common response for each of the following activities is listed in the table below:

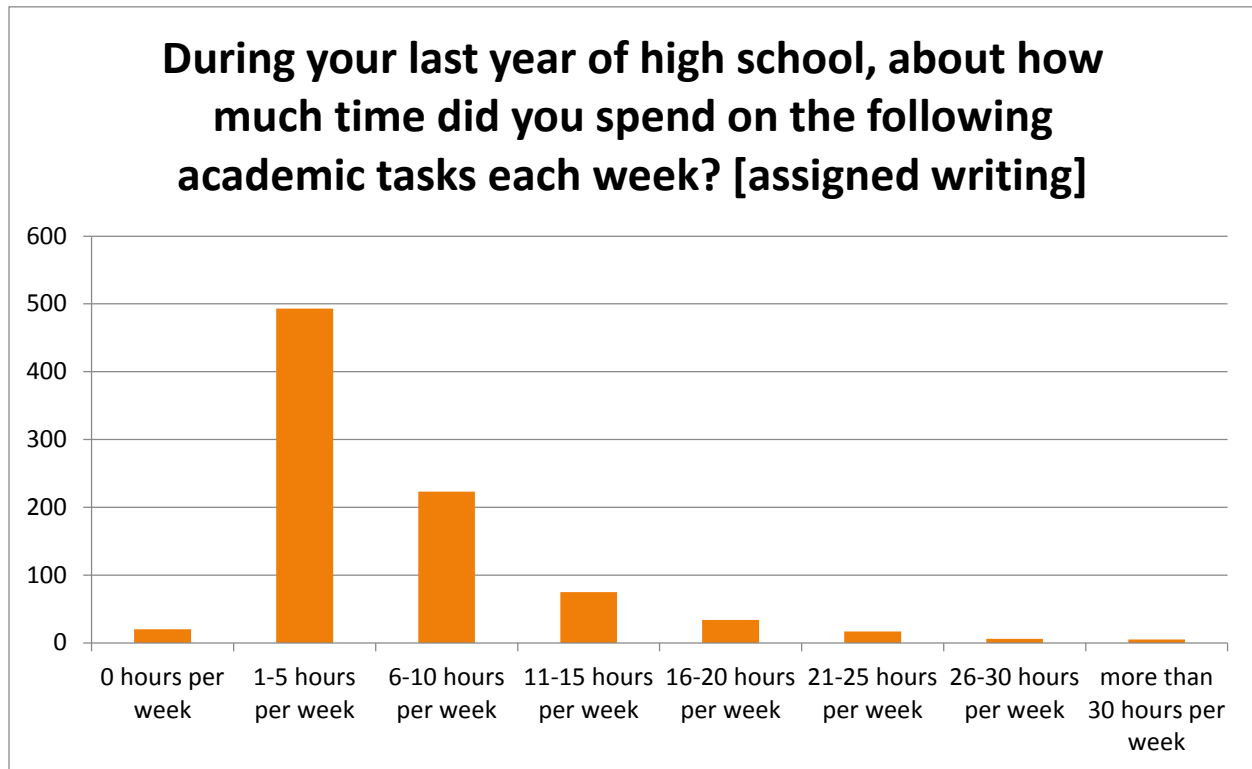
Activity	Amount of time per week	Percent of respondents
Assigned reading	1-5 hours	62%
Assigned writing	1-5 hours	56%
Math and quantitative reasoning	1-5 hours	42%
Laboratory or field work	1-5 hours	45%
Foreign language study	0 hours	60%
Practice and/or rehearsal	0 hours	32%
Preparing for class	1-5 hours	54%
Working for pay	0 hours	35%
Co-curricular activities	1-5 hours	27%
Volunteering	1-5 hours	51%
Relaxing and socializing	6-10 hours	37%

High School Activities

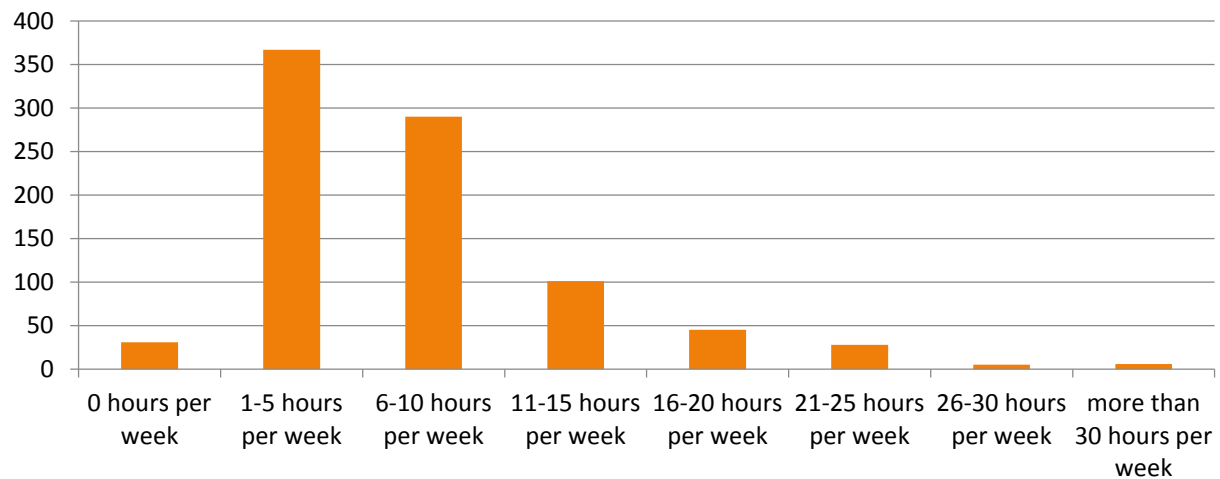


4.1 ACADEMIC

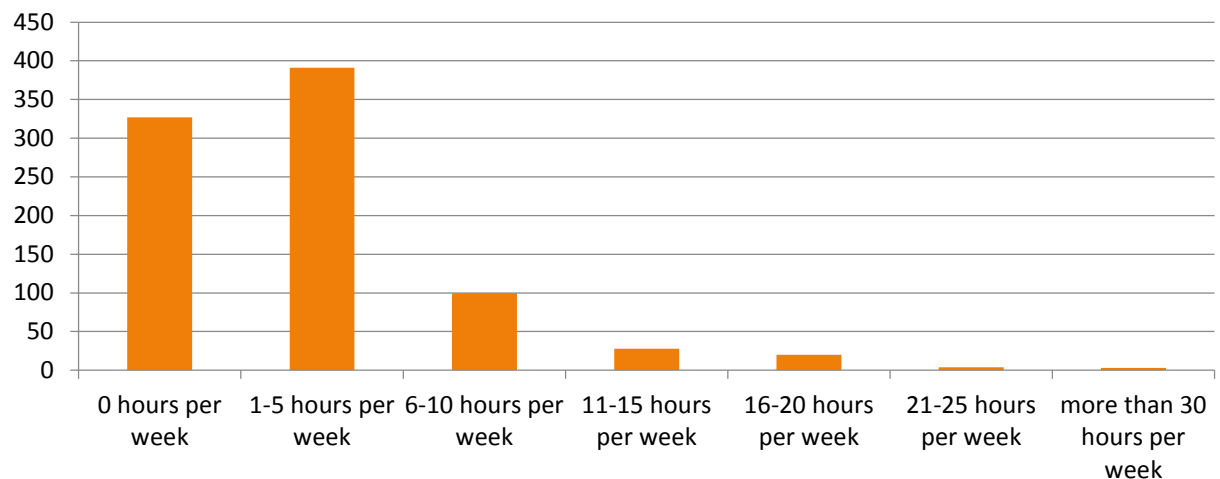
The following bar graphs illustrate the individual counts of responses for each academic or extracurricular experience included in the summary table and figure above.



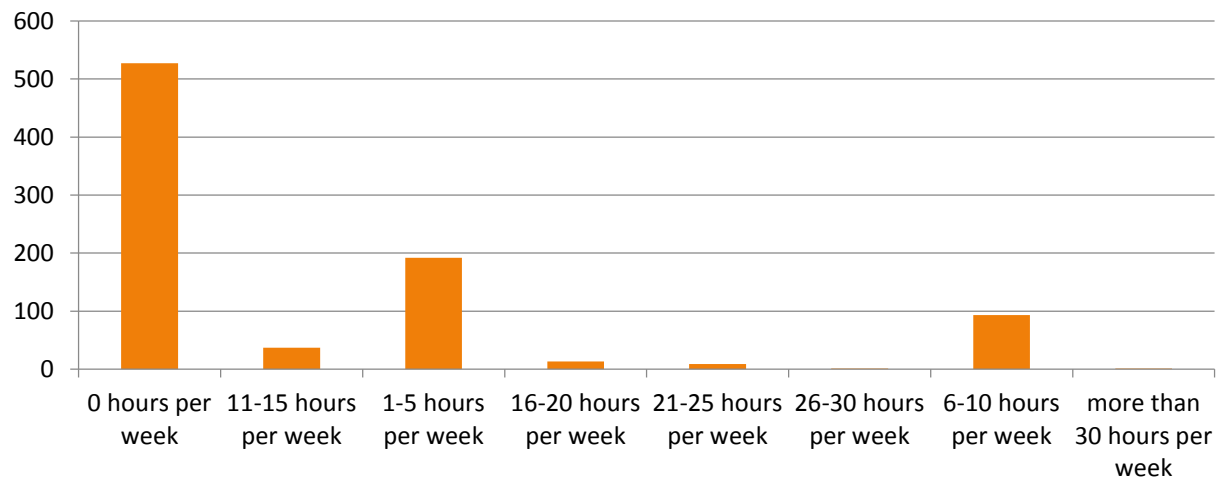
During your last year of high school, about how much time did you spend on the following academic tasks each week? [math and quantitative reasoning]



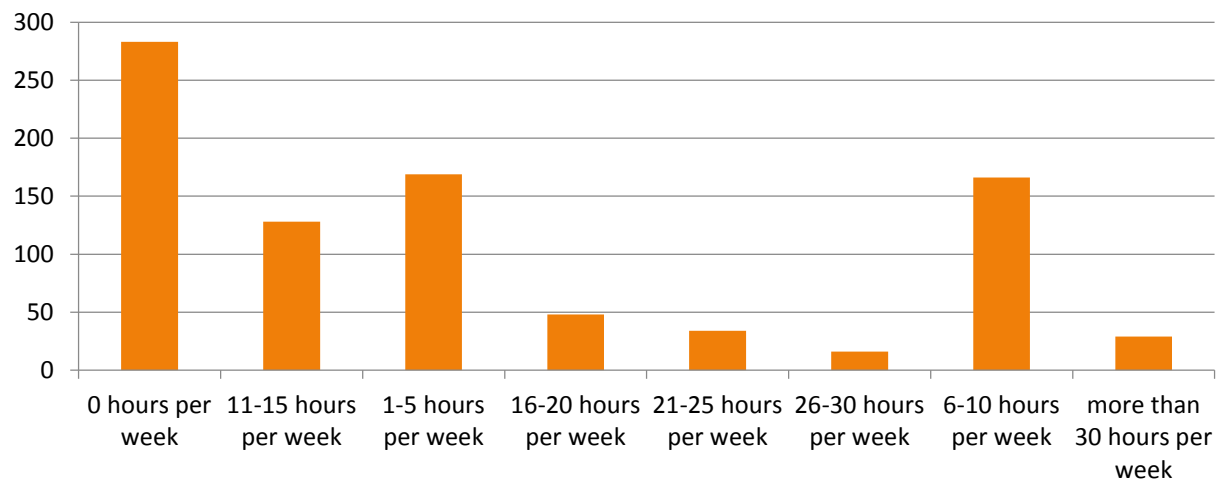
During your last year of high school, about how much time did you spend on the following academic tasks each week? [laboratory or field work]



During your last year of high school, about how much time did you spend on the following academic tasks each week? [foreign language study]



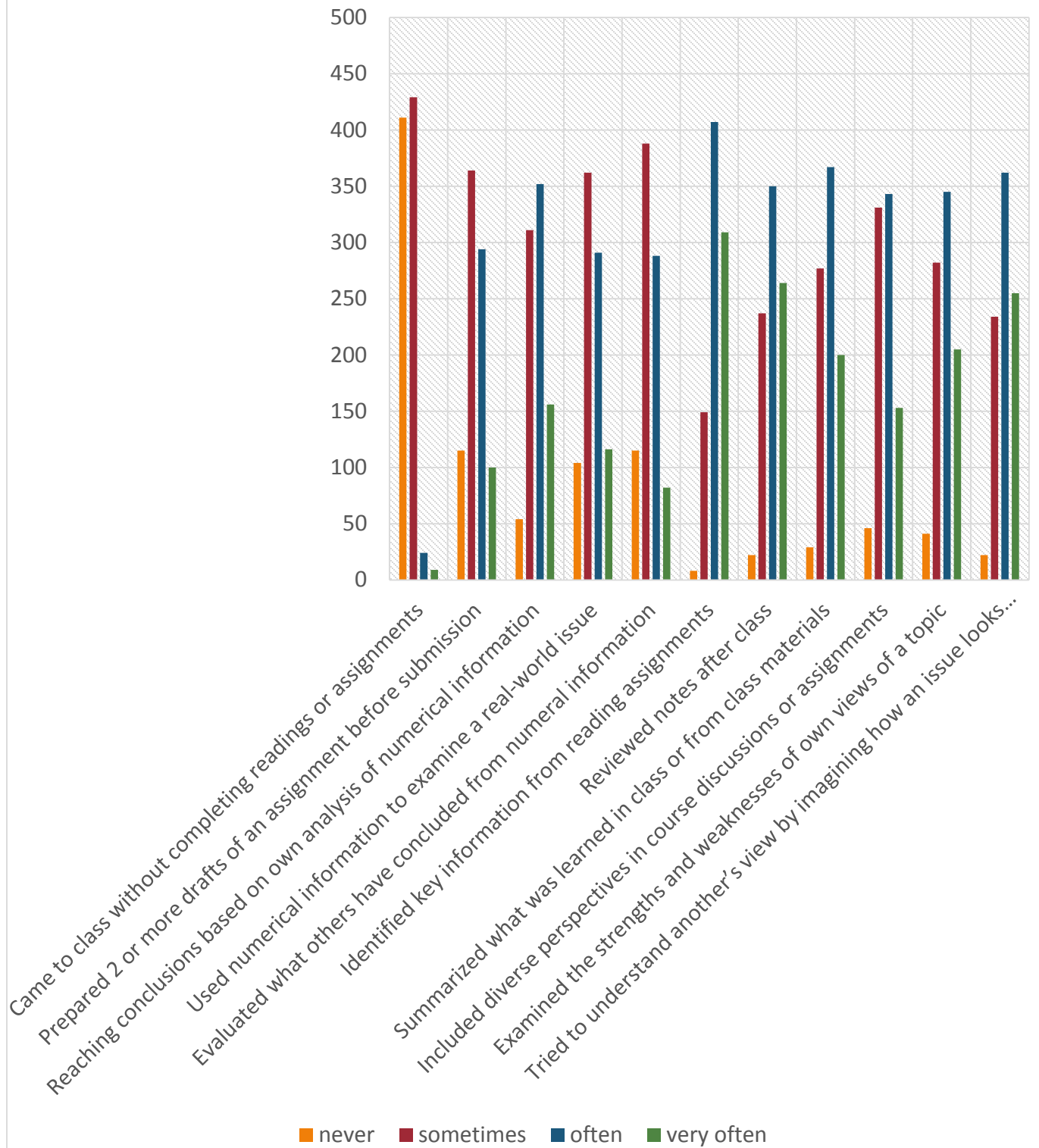
During your last year of high school, about how much time did you spend on the following academic tasks each week? [practice and/or rehearsal]



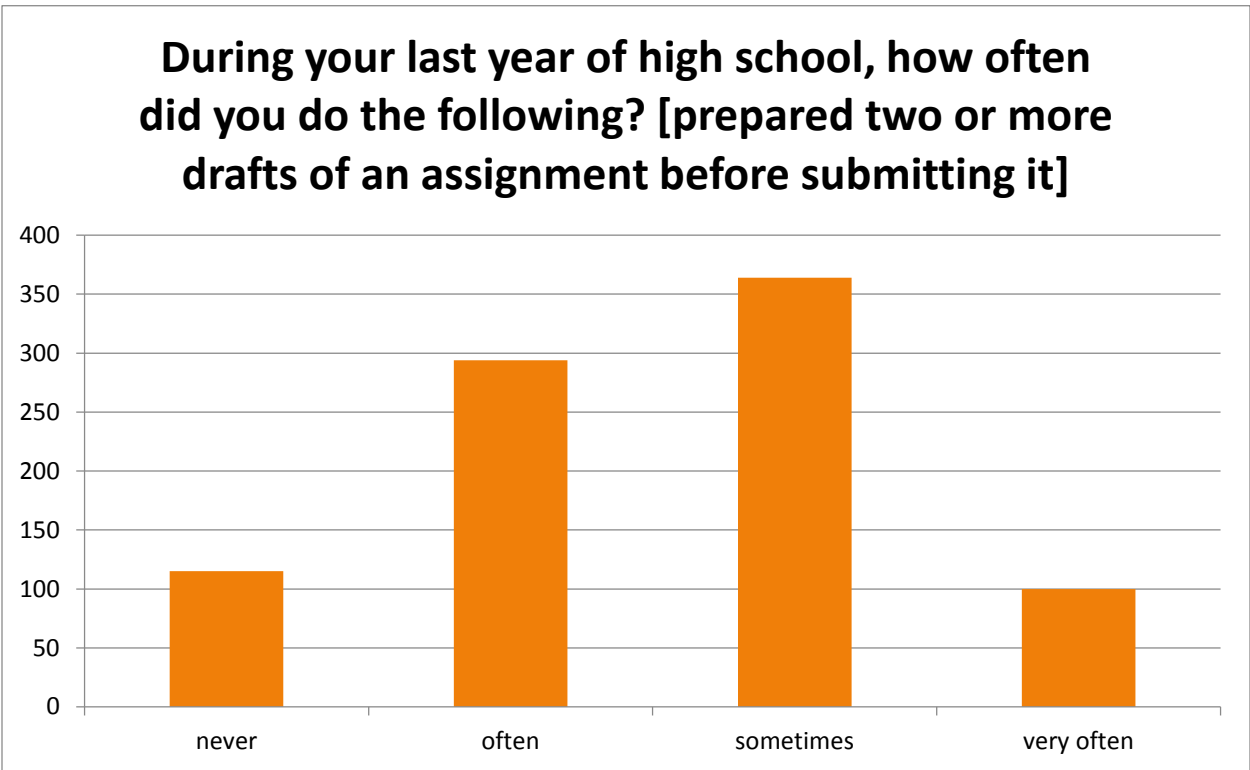
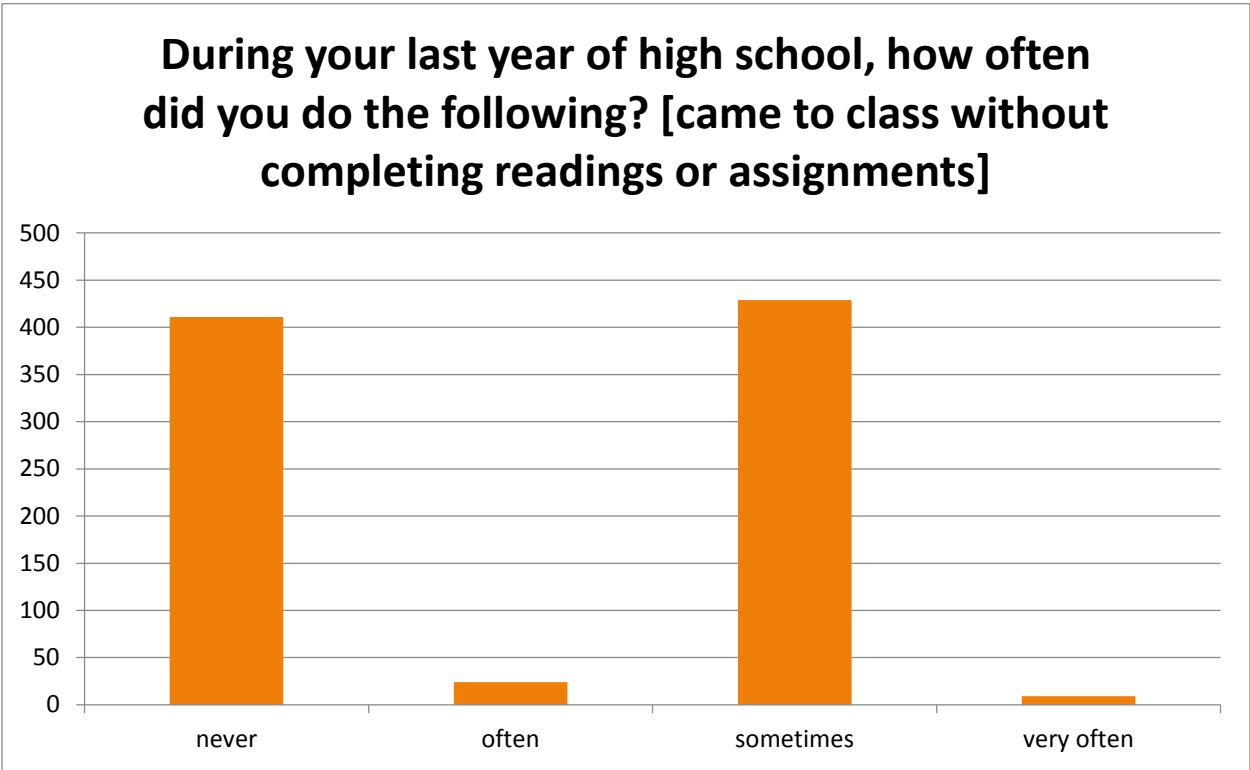
We surveyed respondents about how frequently they engaged in certain behaviors during the last year of school. The most common response for each of the following activities is listed in the table below:

Behavior	Frequency	Percent of respondents
Came to class without completing readings or assignments	sometimes	49%
Prepared 2 or more drafts of an assignment before submission	sometimes	42%
Reaching conclusions based on own analysis of numerical information	often	40%
Used numerical information to examine a real-world issue	sometimes	41%
Evaluated what others have concluded from numeral information	sometimes	44%
Identified key information from reading assignments	often	47%
Reviewed notes after class	often	40%
Summarized what was learned in class or from class materials	often	42%
Included diverse perspectives in course discussions or assignments	often	39%
Examined the strengths and weaknesses of own views of a topic	often	40%
Tried to understand another's view by imagining how an issue looks from that perspective	often	41%

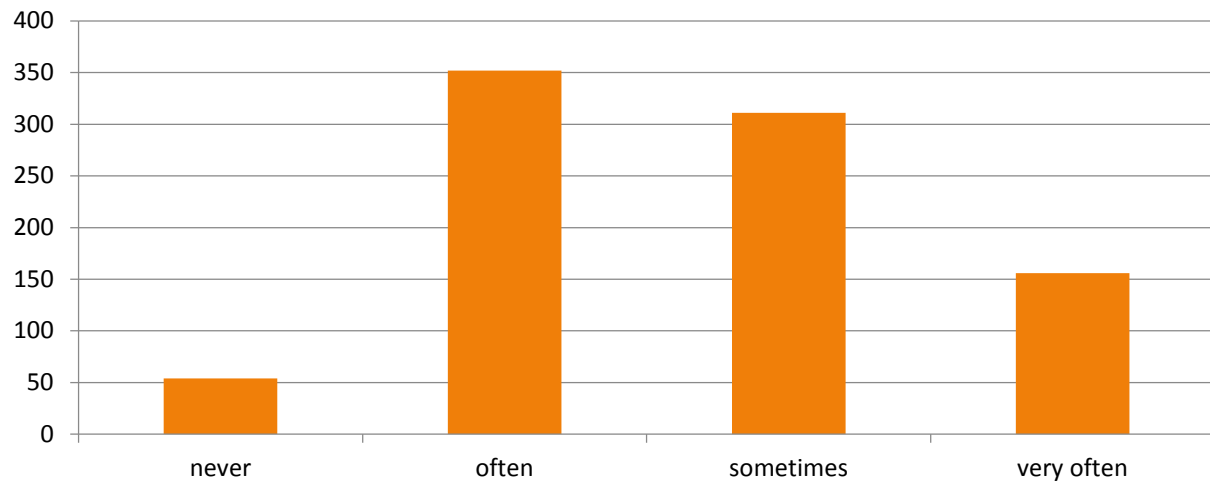
HS Academic Behavior



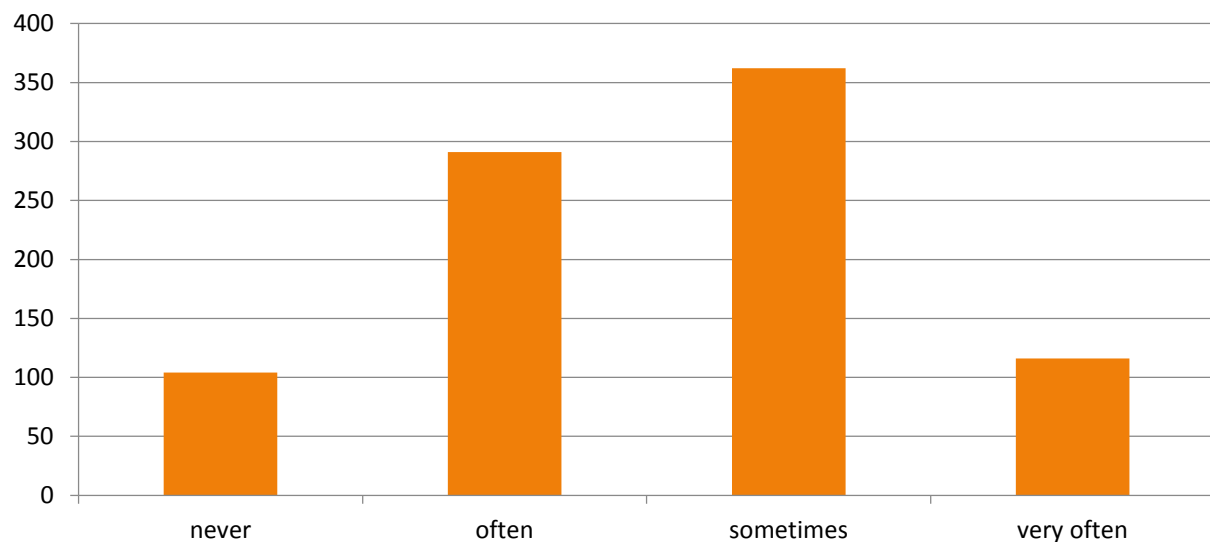
The following bar graphs illustrate the individual counts of responses for each academic behavior included in the summary table and figure above.



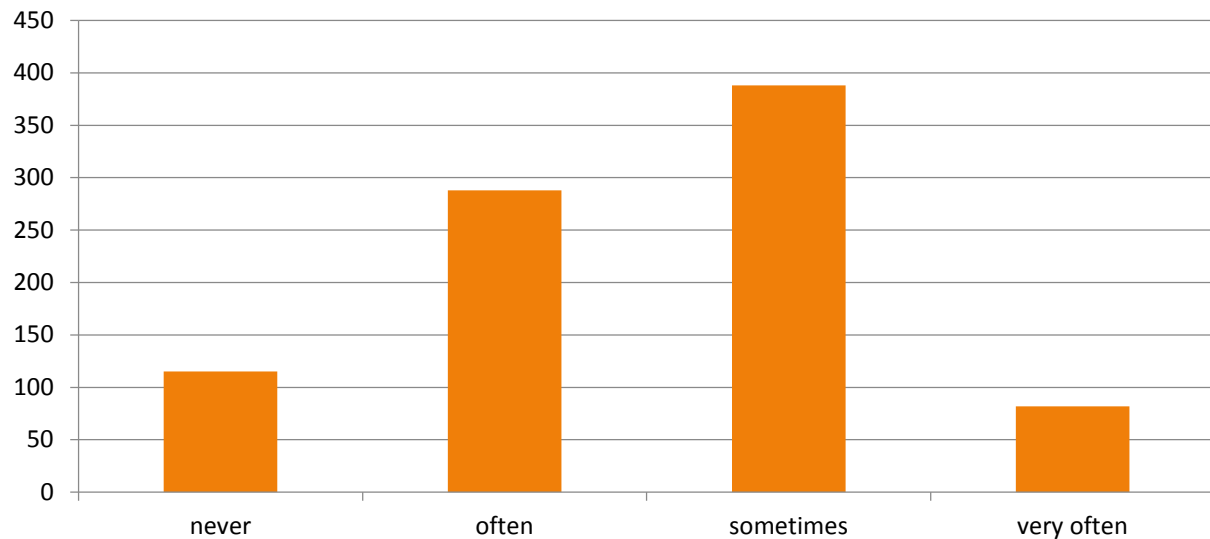
During your last year of high school, how often did you do the following? [reached conclusions based on your own analysis of numerical information]



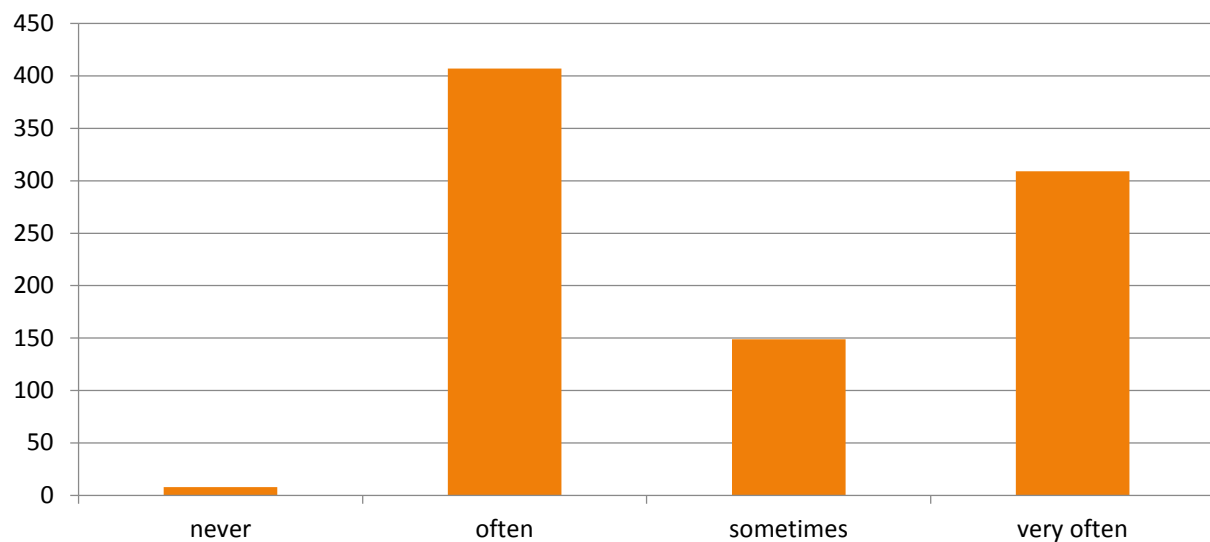
During your last year of high school, how often did you do the following? [used numerical information to examine a real-world issue]



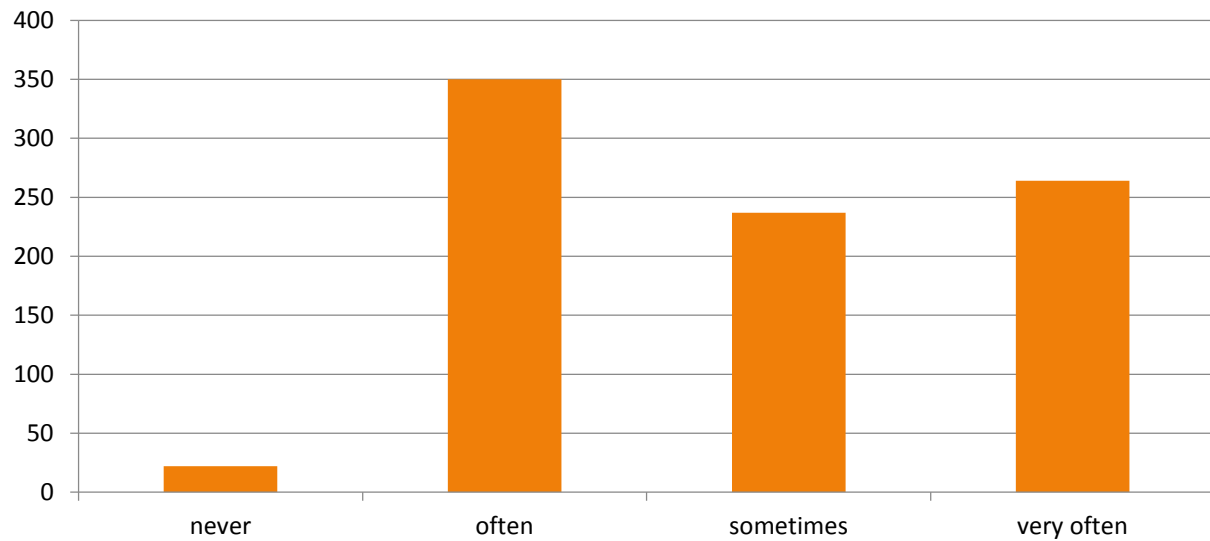
During your last year of high school, how often did you do the following? [evaluated what others have concluded from numerical information]



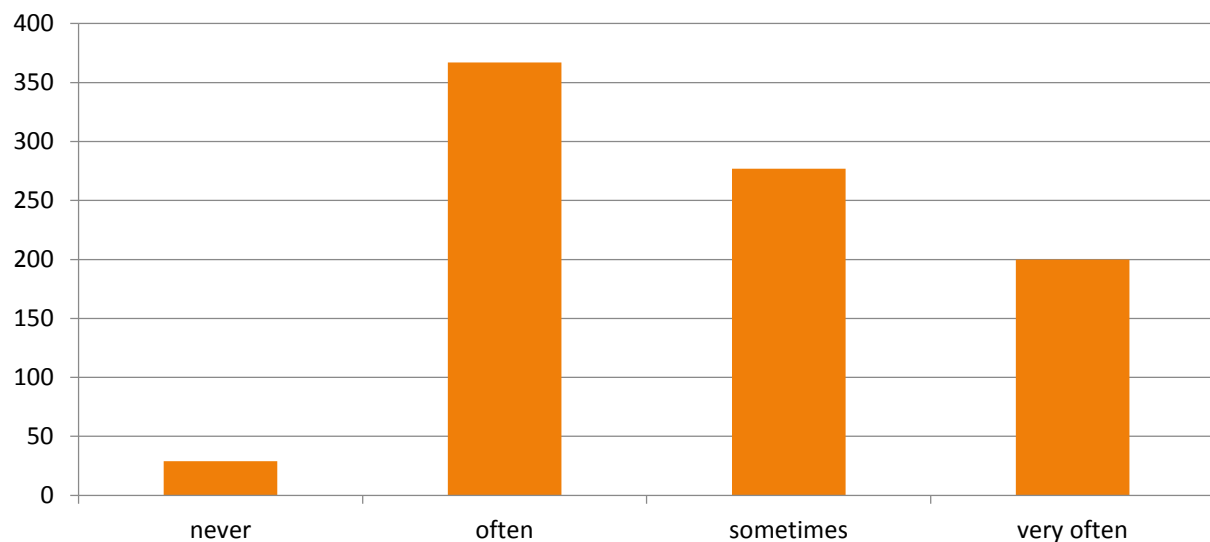
During your last year of high school, how often did you do the following? [identified key information from reading assignments]



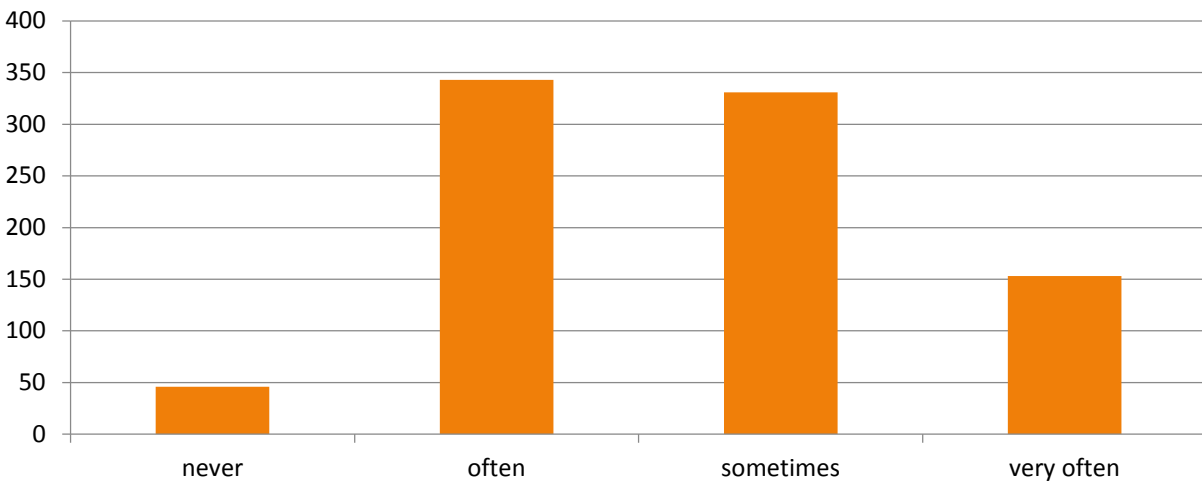
During your last year of high school, how often did you do the following? [reviewed your notes after class]



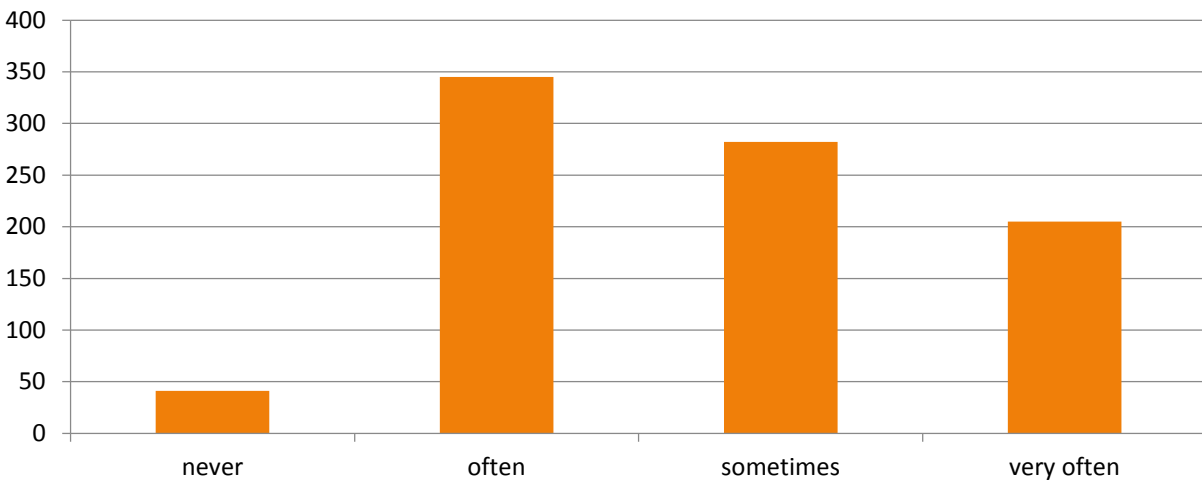
During your last year of high school, how often did you do the following? [summarized what you learned in class or from class materials]



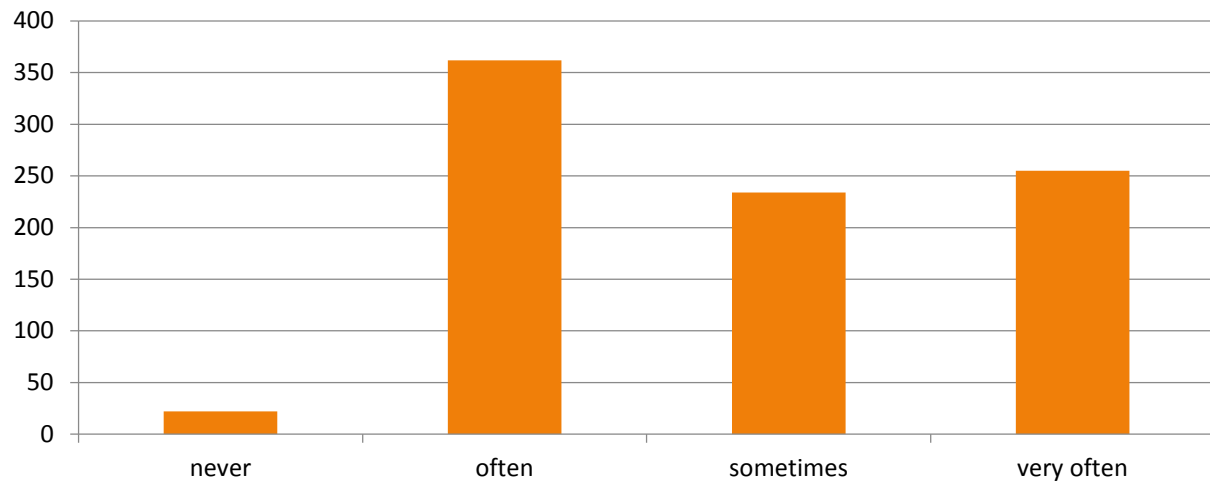
During your last year of high school, how often did you do the following? [included diverse perspectives in course discussions or assignments]



During your last year of high school, how often did you do the following? [examined the strengths and weaknesses of your own views of a topic]

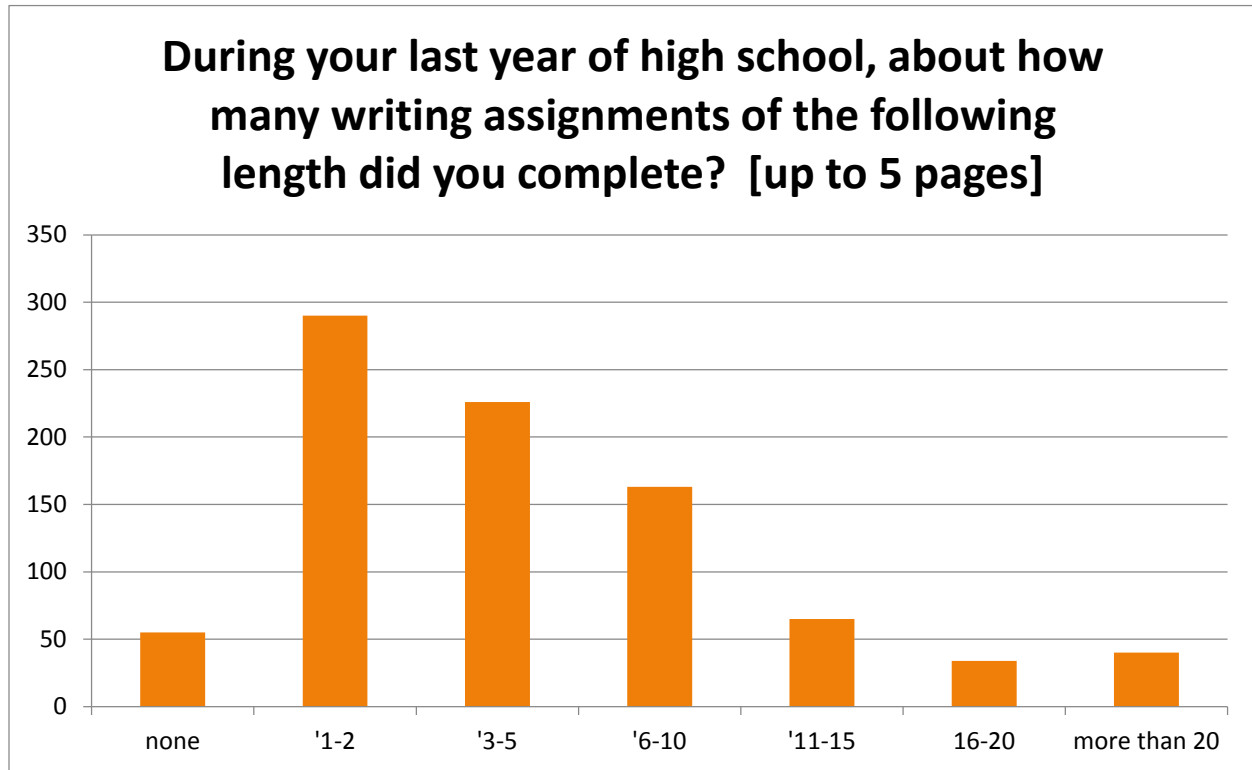


During your last year of high school, how often did you do the following? [tried to understand someone else's views by imagining how an issue looks from his or her perspective]

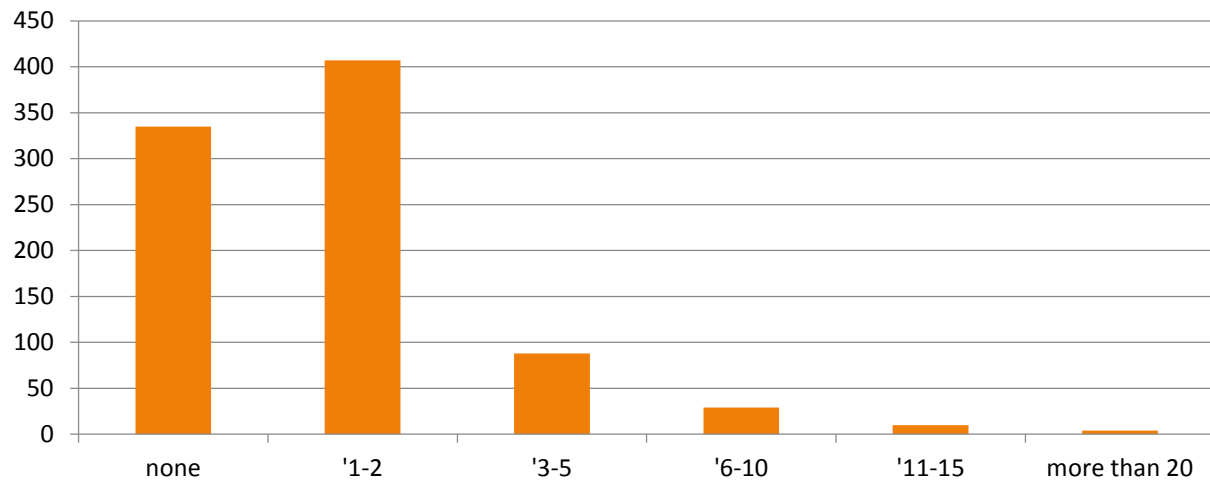


4.2 ACADEMIC WRITING

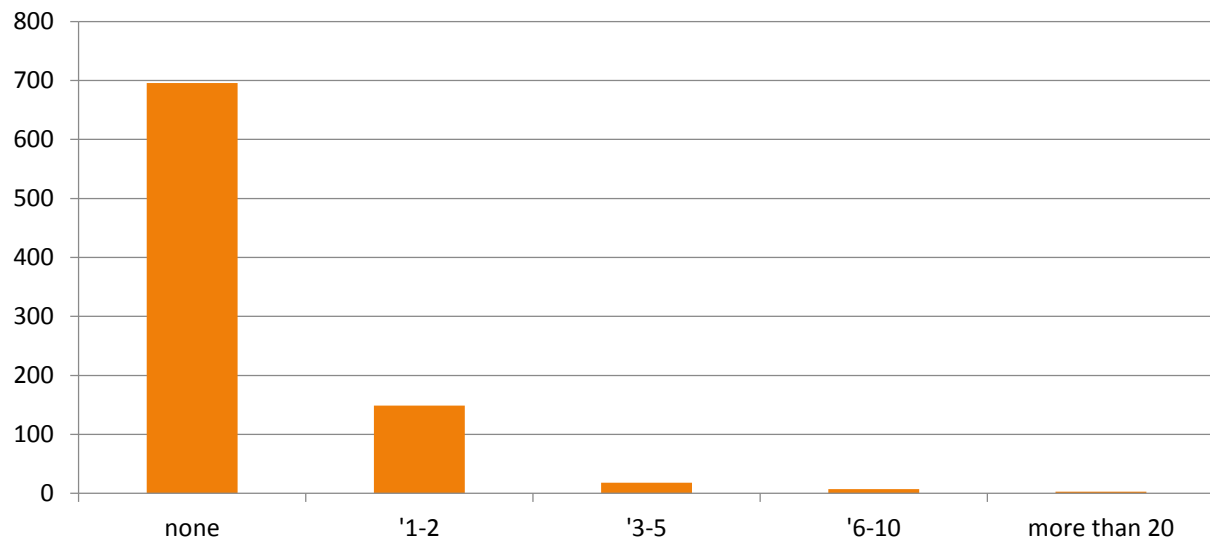
Respondents typically wrote a small number of shorter papers in their final year of high school, with most students producing only 1 to 2 papers of up to 5 pages and 1 to 2 papers between 6 to 10 pages long.



During your last year of high school, about how many writing assignments of the following length did you complete? [between 6 and 10 pages]



During your last year of high school, about how many writing assignments of the following length did you complete? [11 pages or more]



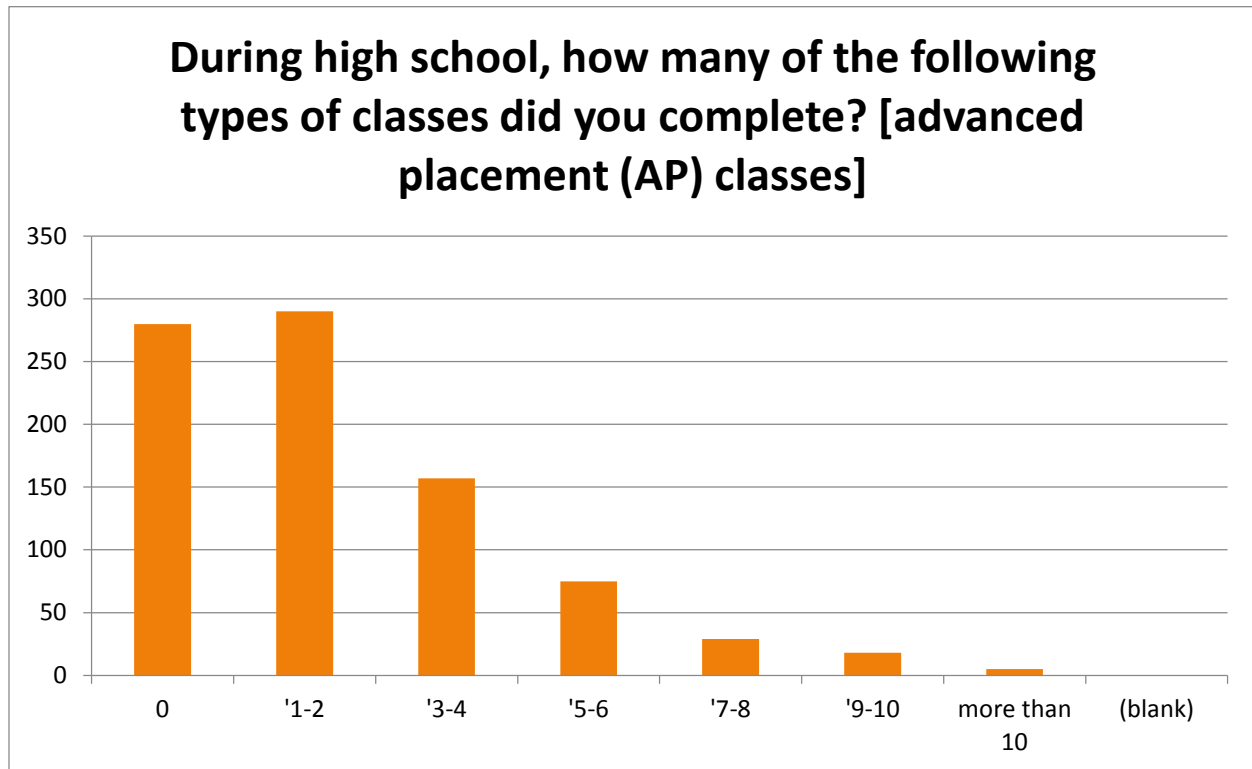
4.3 MATHEMATICS AND QUANTITATIVE REASONING COURSES

Respondents provided information about the mathematics and quantitative reasoning courses that they completed in high school with a grade of “C” or better.

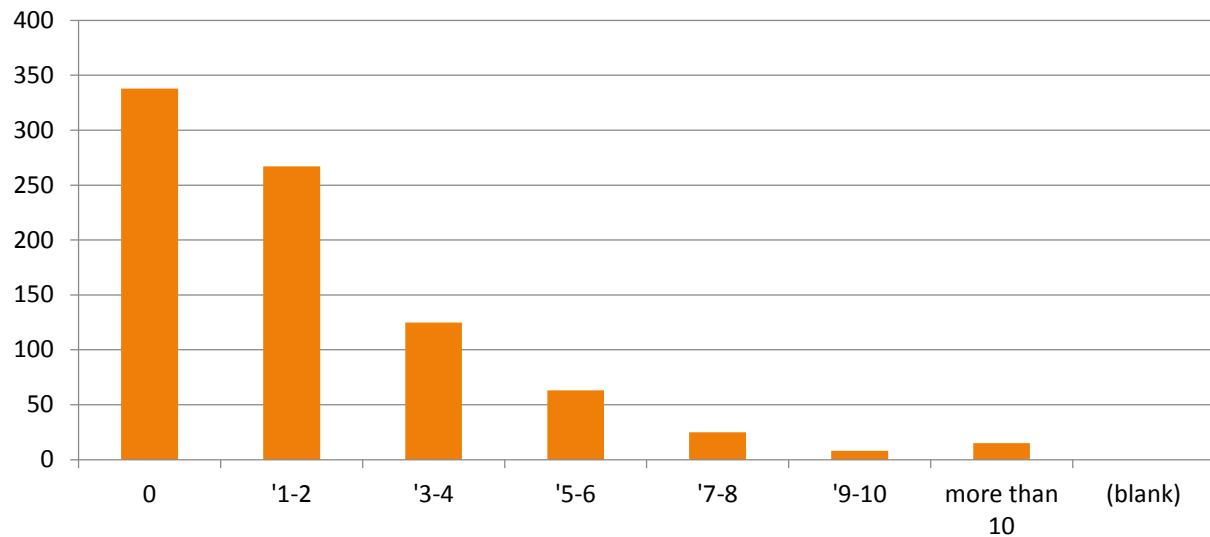
Math courses completed with a C or better	Number of students
Algebra II	765
Algebra I	745
Pre-calculus	391
Trigonometry	225
Geometry	168
Probability and/or Statistics	148
Calculus	134
Advanced calculus	80
College Algebra	23
Algebra III	15
College and Career Readiness Math	12
Business Math	8
Bridge Math	5
Mathematical Concepts	5
none	3
Advanced Topics	2
Finite Math	2
Accelerated Geometry	1
ACT Prep Math	1
AP Geometry	1
AP Statistics	1
Calculus III	1
Discrete Math	1
Functions	1
Pre-Algebra	1

4.4 ACADEMIC RIGOR

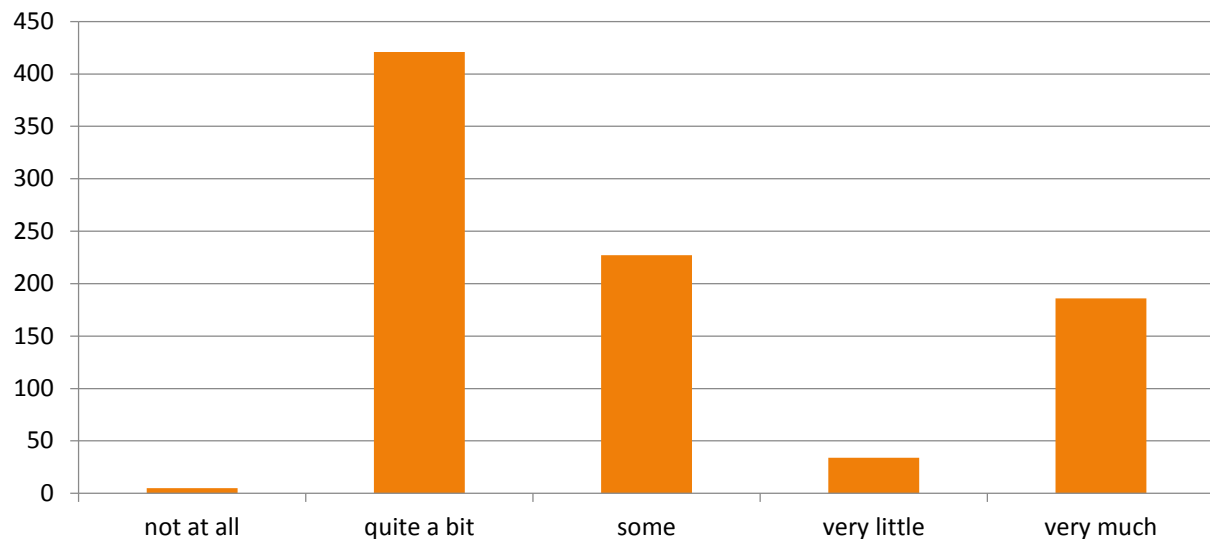
Most respondents either did not take advanced placement courses (33%) or only took 1 to 2 advanced placement courses (34%); additionally, most respondents either did not take college or university courses for credit in high school (40%) or took only 1 to 2 college or university courses for credit (32%). 48% of respondents felt that their last year of high school courses challenged them quite a bit to do their best work.



During high school, how many of the following types of classes did you complete? [college or university courses for credit]



During your last year of high school, to what extent did your courses challenge you to do your best work?

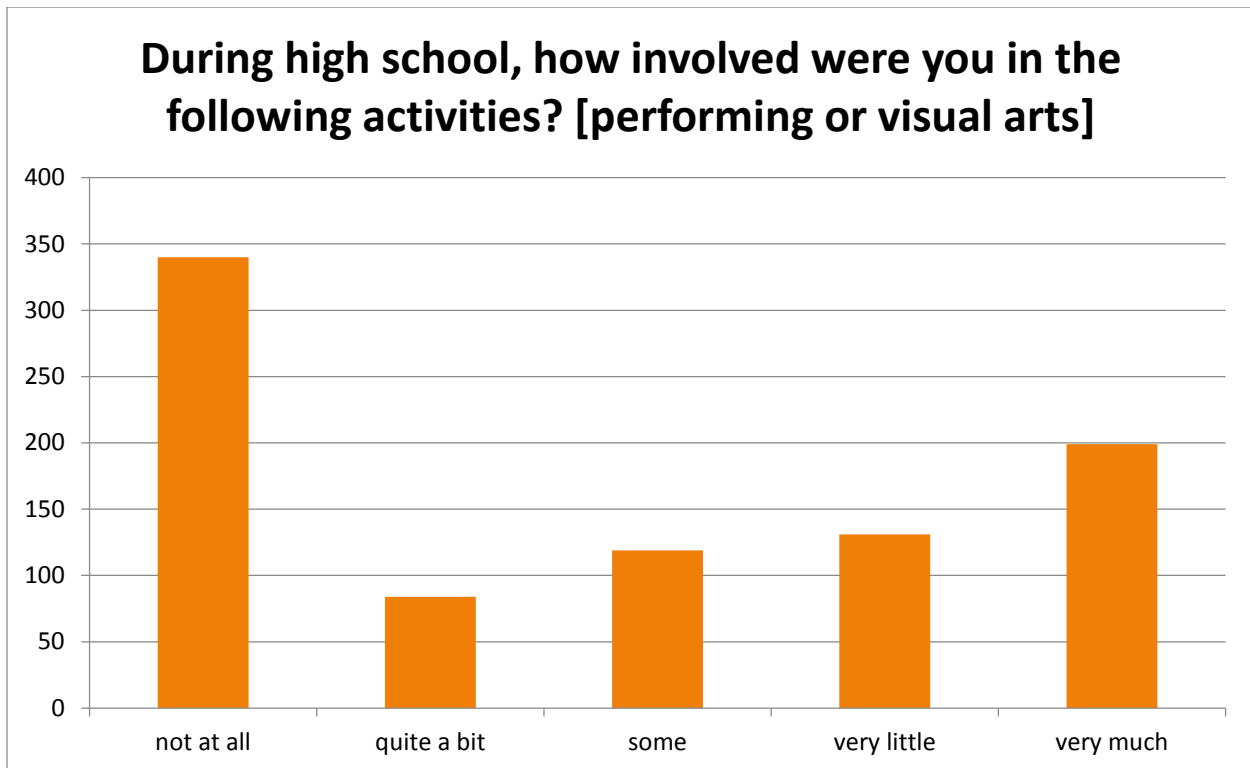


4.5 EXTRACURRICULAR

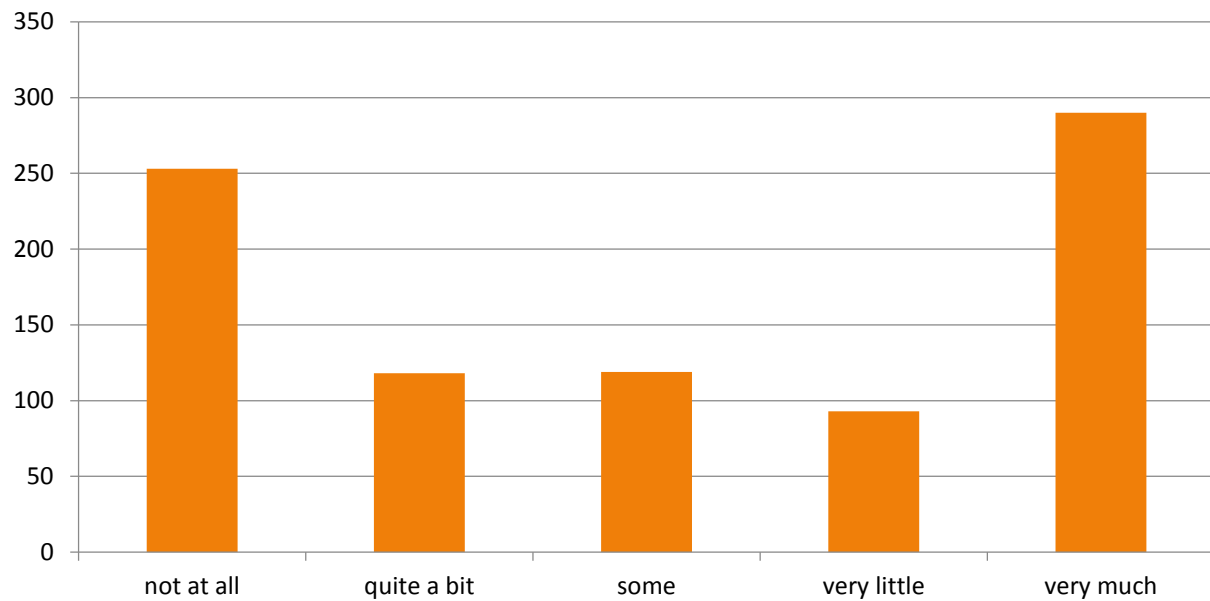
Respondents also indicated how involved they were in extracurricular activities, with athletics and volunteer work topping the list. The most common response for each of the following activities is listed in the table below:

Activity	Frequency	Percent of respondents
Performing or visual arts	Not at all	39%
Athletic teams	Very much	33%
Student government	Not at all	63%
Publications	Not at all	66%
Academic clubs or honor societies	Not at all	34%
Vocational clubs	Not at all	61%
Religious youth groups	Not at all	38%
Community service or volunteer work	Some	28%
Entrepreneurship	Not at all	69%
Providing care for family	Not at all	35%

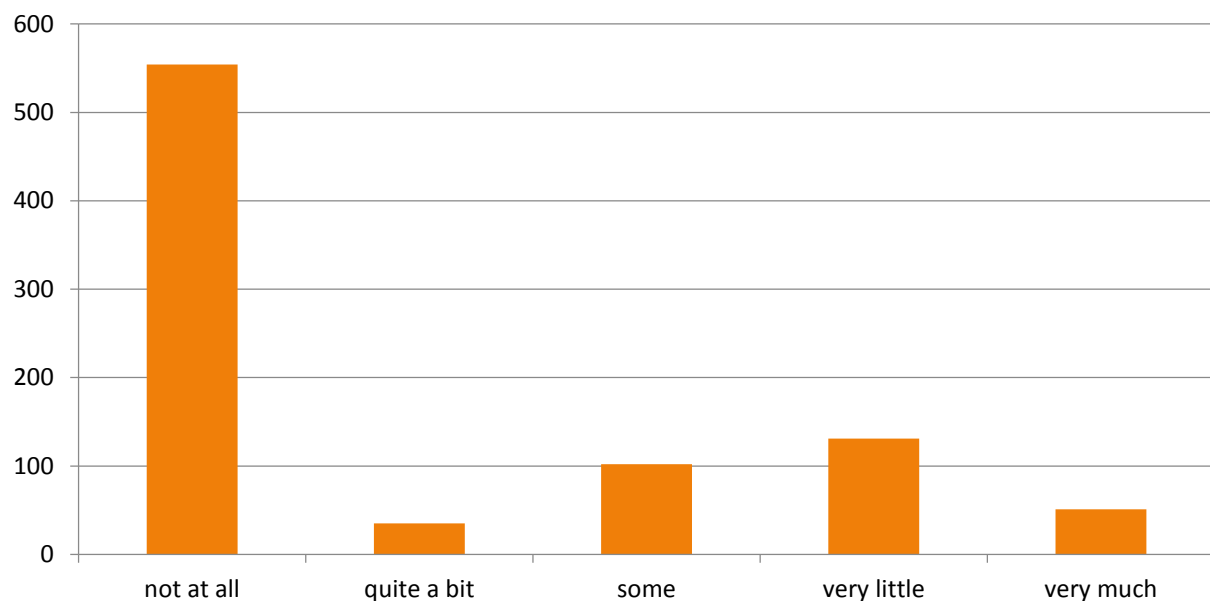
The following bar graphs illustrate the individual counts of responses for each academic or extracurricular experience included in the summary table above.



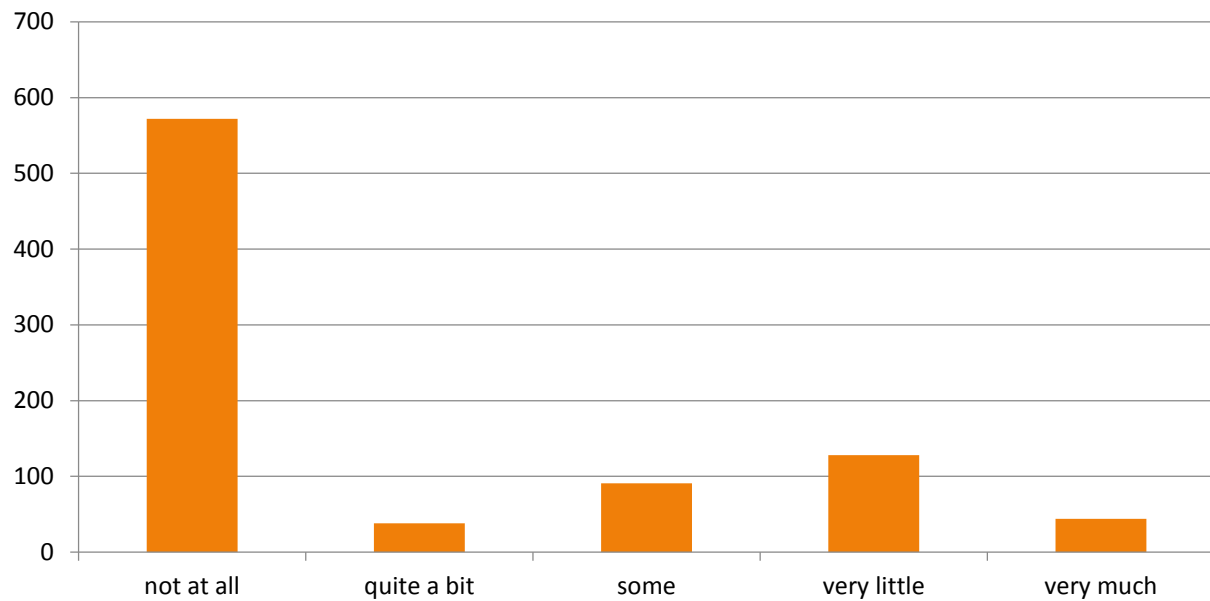
During high school, how involved were you in the following activities? [athletic teams]



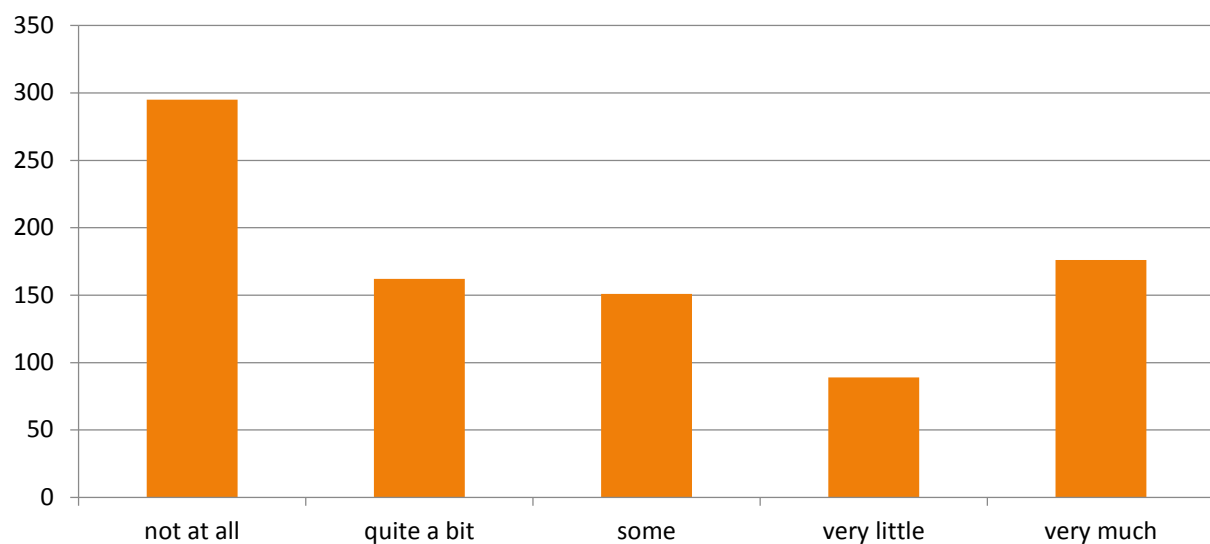
During high school, how involved were you in the following activities? [student government]



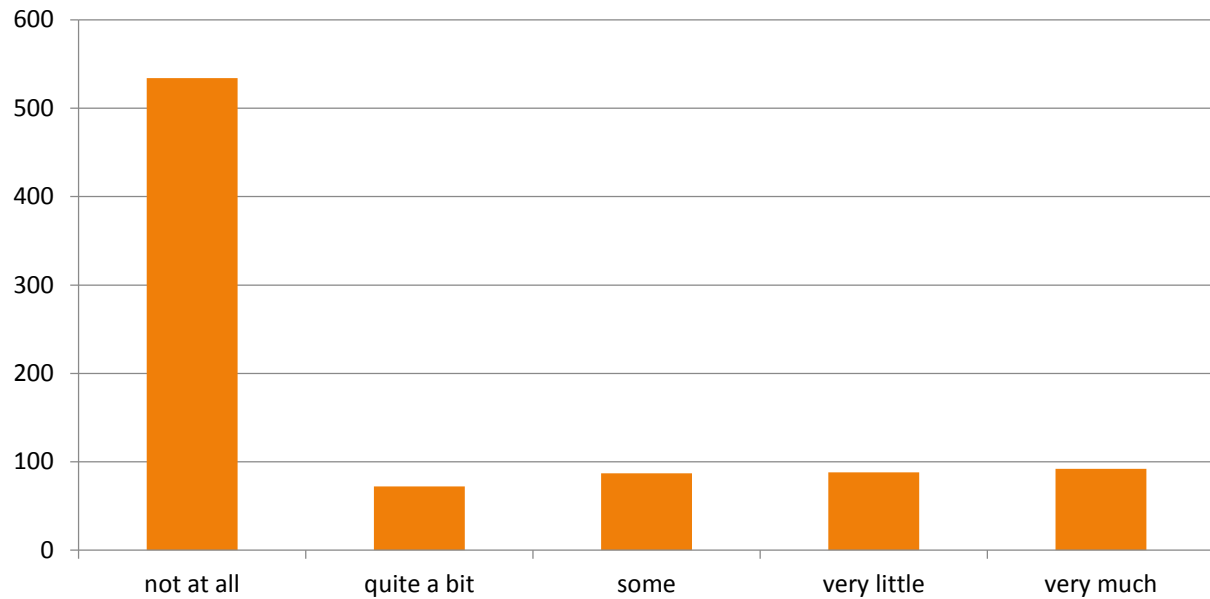
During high school, how involved were you in the following activities? [publications]



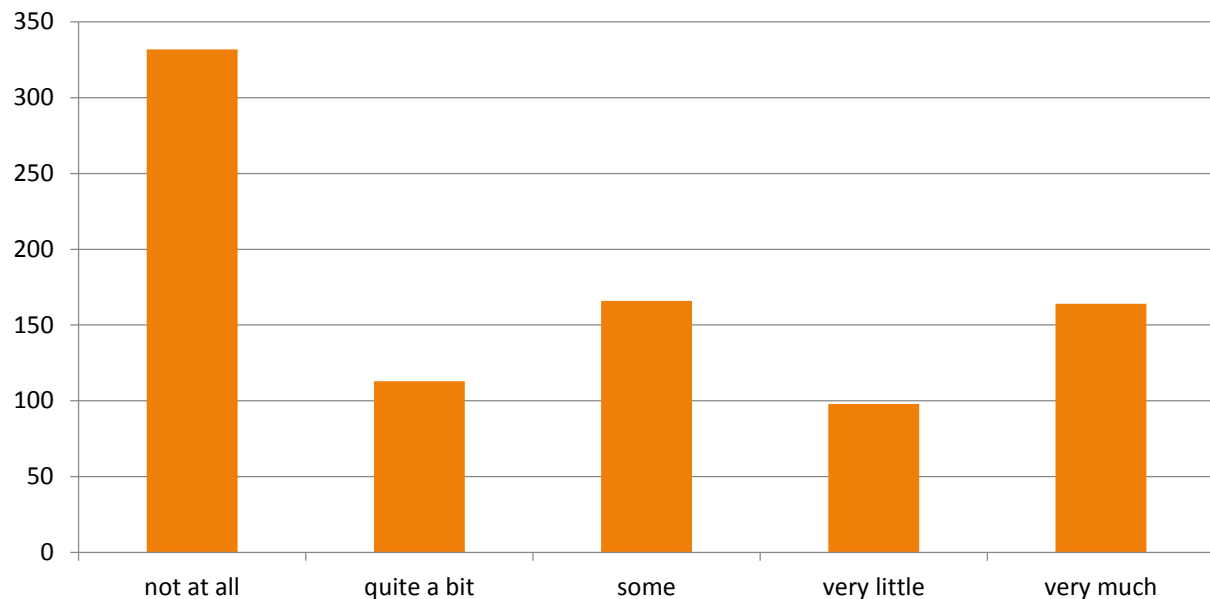
During high school, how involved were you in the following activities? [academic clubs or honor societies]



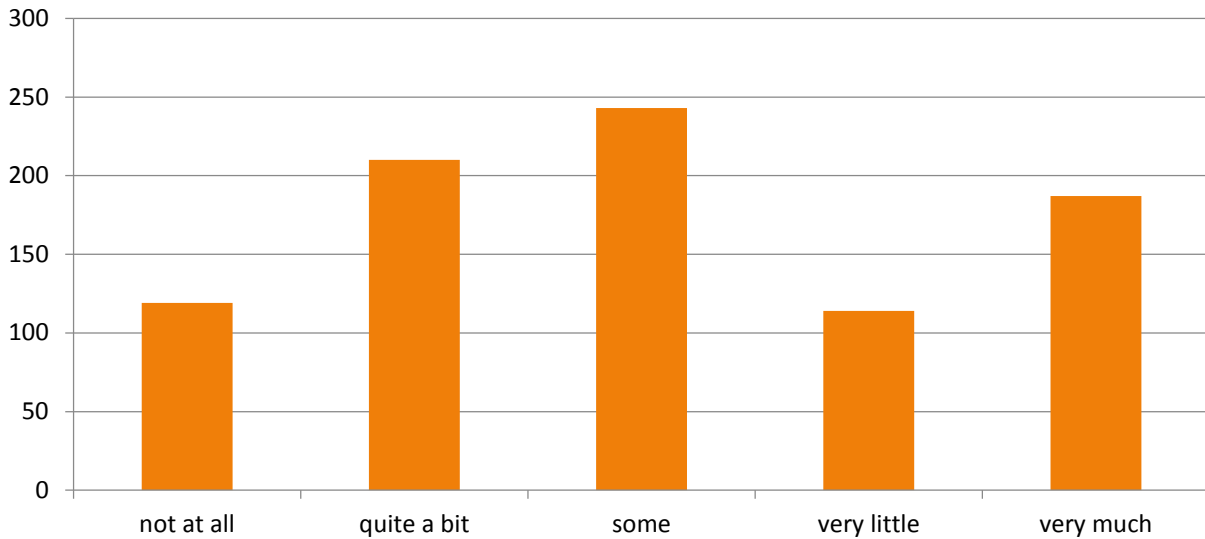
During high school, how involved were you in the following activities? [vocational clubs]



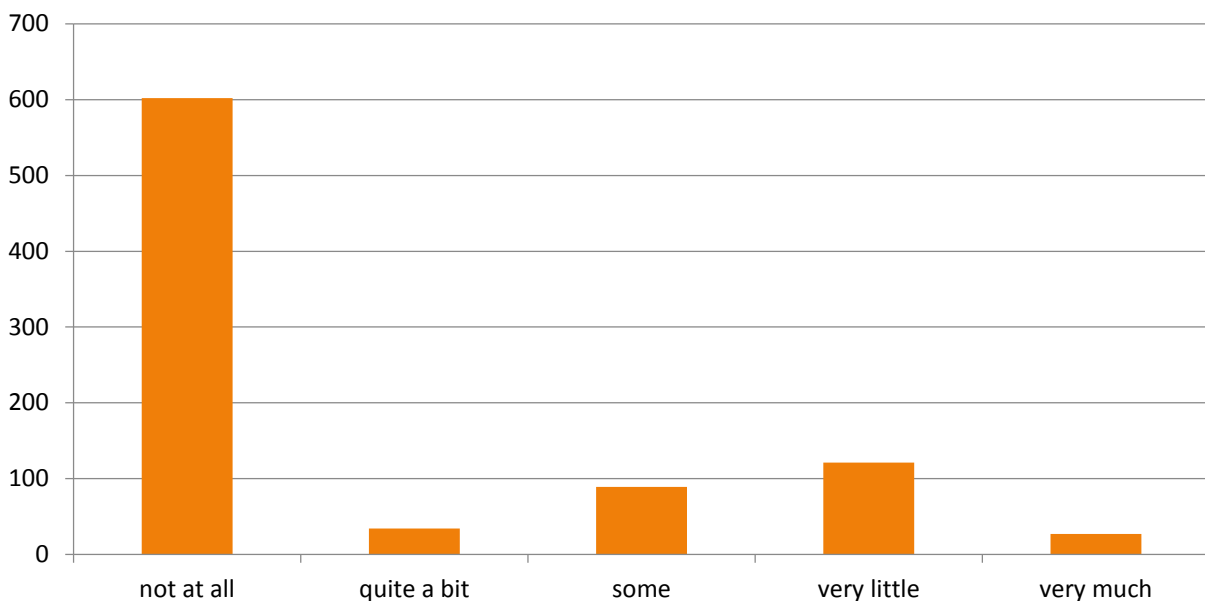
During high school, how involved were you in the following activities? [religious youth groups]

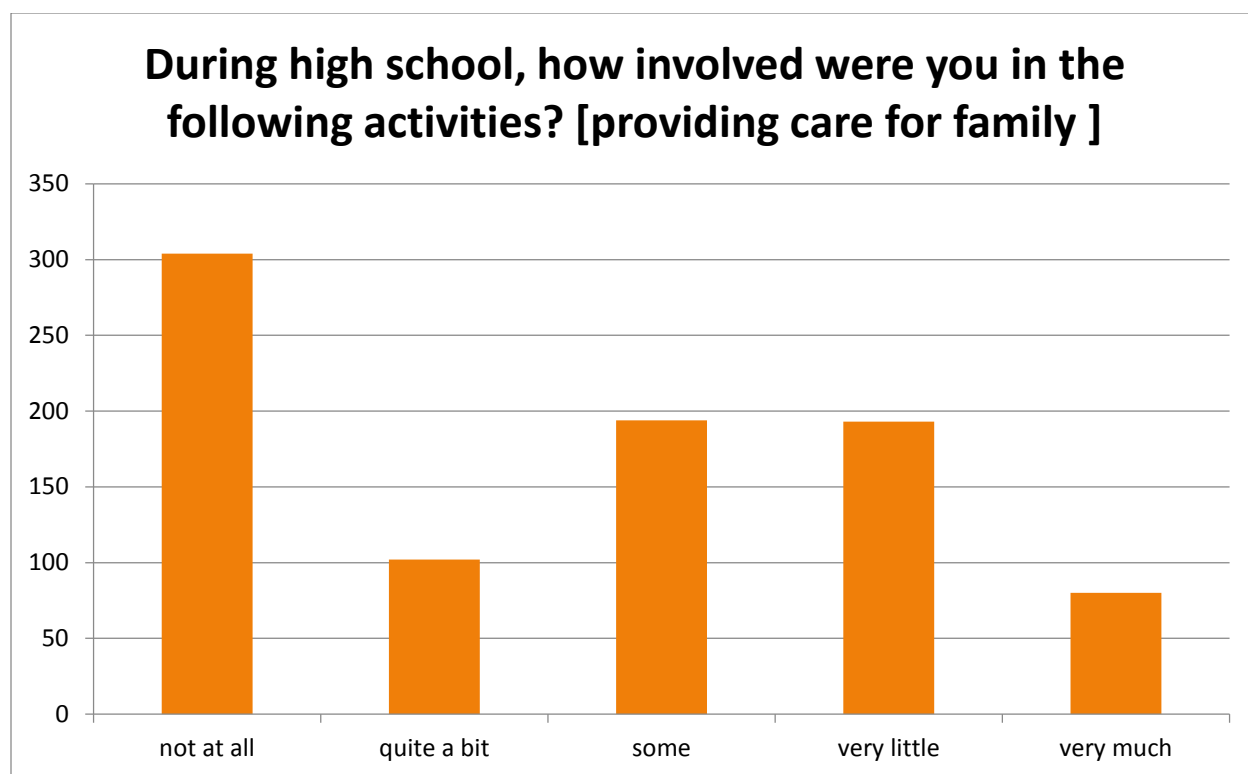


During high school, how involved were you in the following activities? [community service or volunteer work]



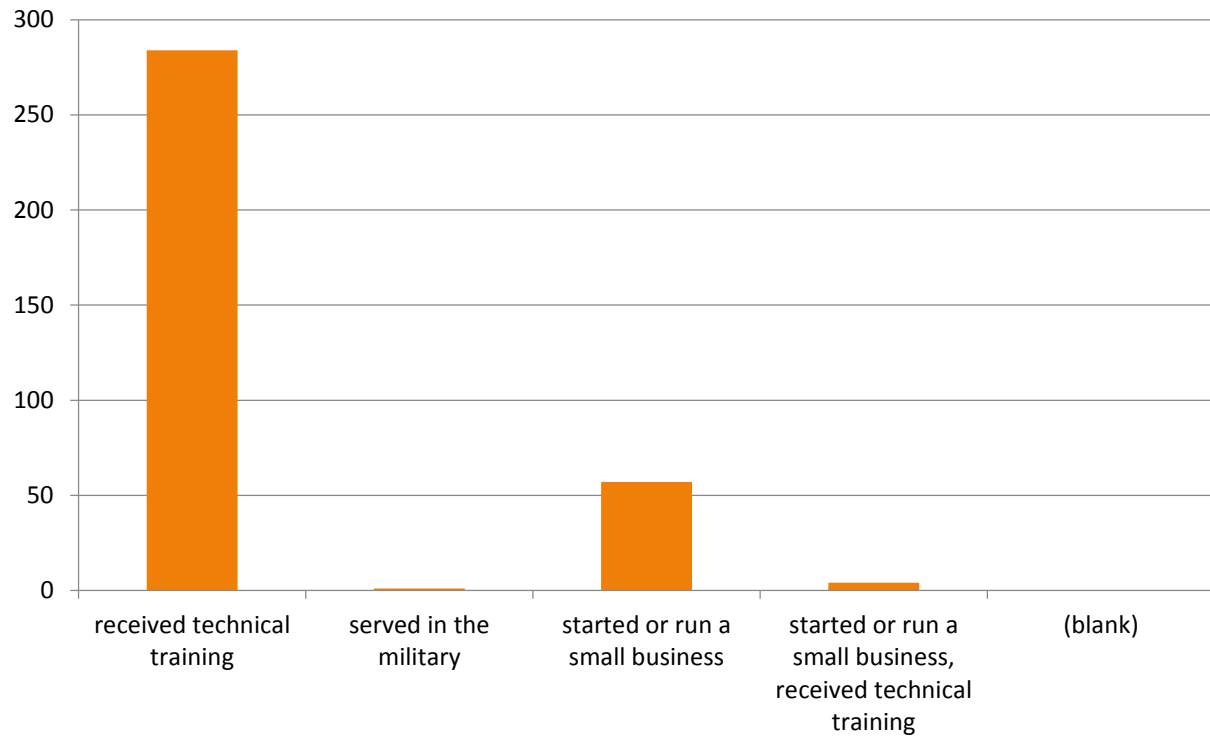
During high school, how involved were you in the following activities? [entrepreneurship]





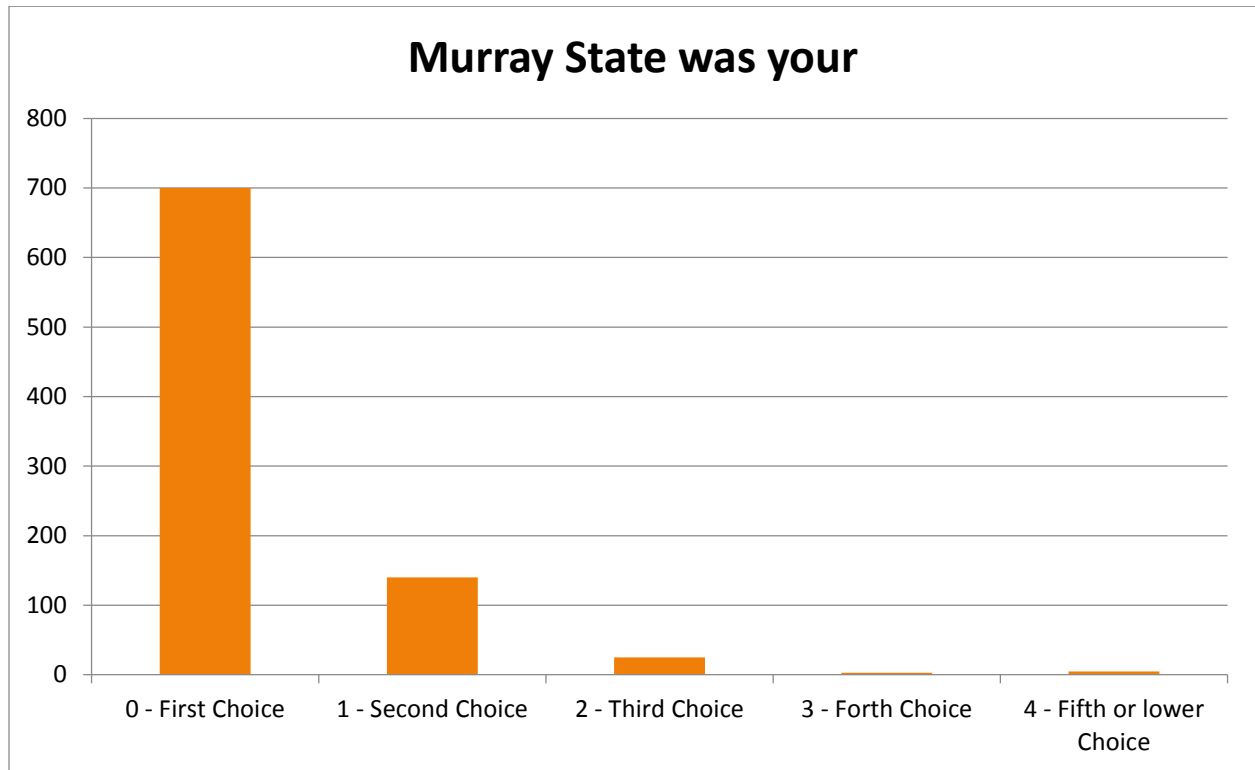
33% of respondents have received technical training prior to coming to MSU; 6.5% have started or run a small business.

Prior to coming to Murray State, have you participated in any of the following experiences?

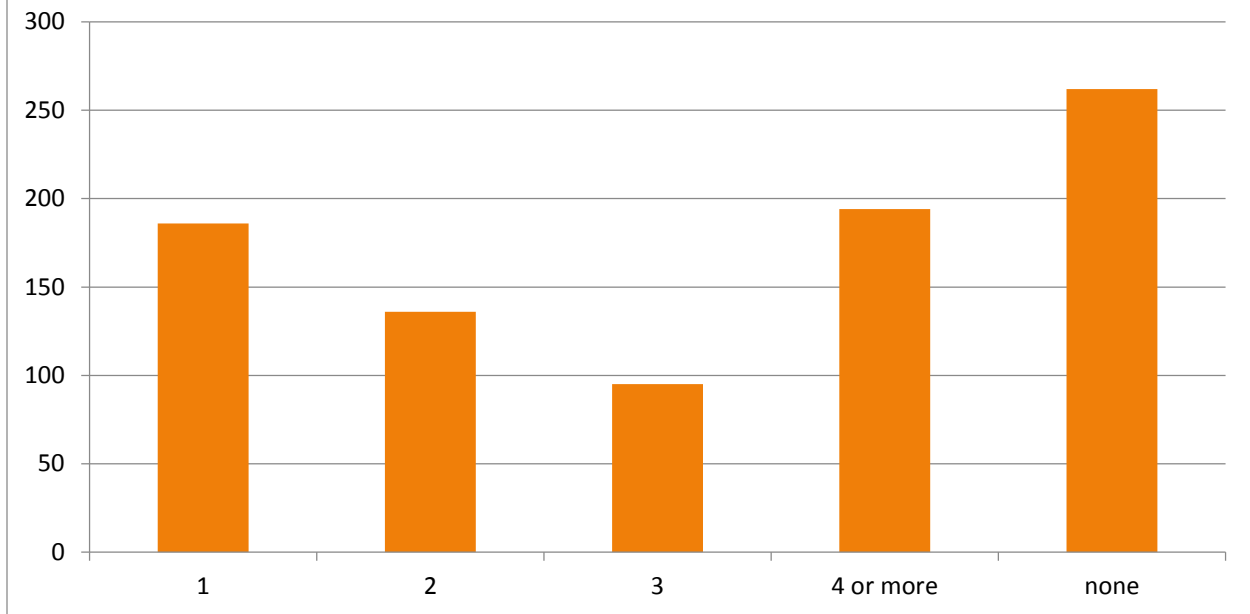


5 MURRAY STATE UNIVERSITY EXPECTATIONS

Overwhelmingly, respondents indicate that Murray State was their first choice (80%), and they expect to graduate from Murray State (96%).

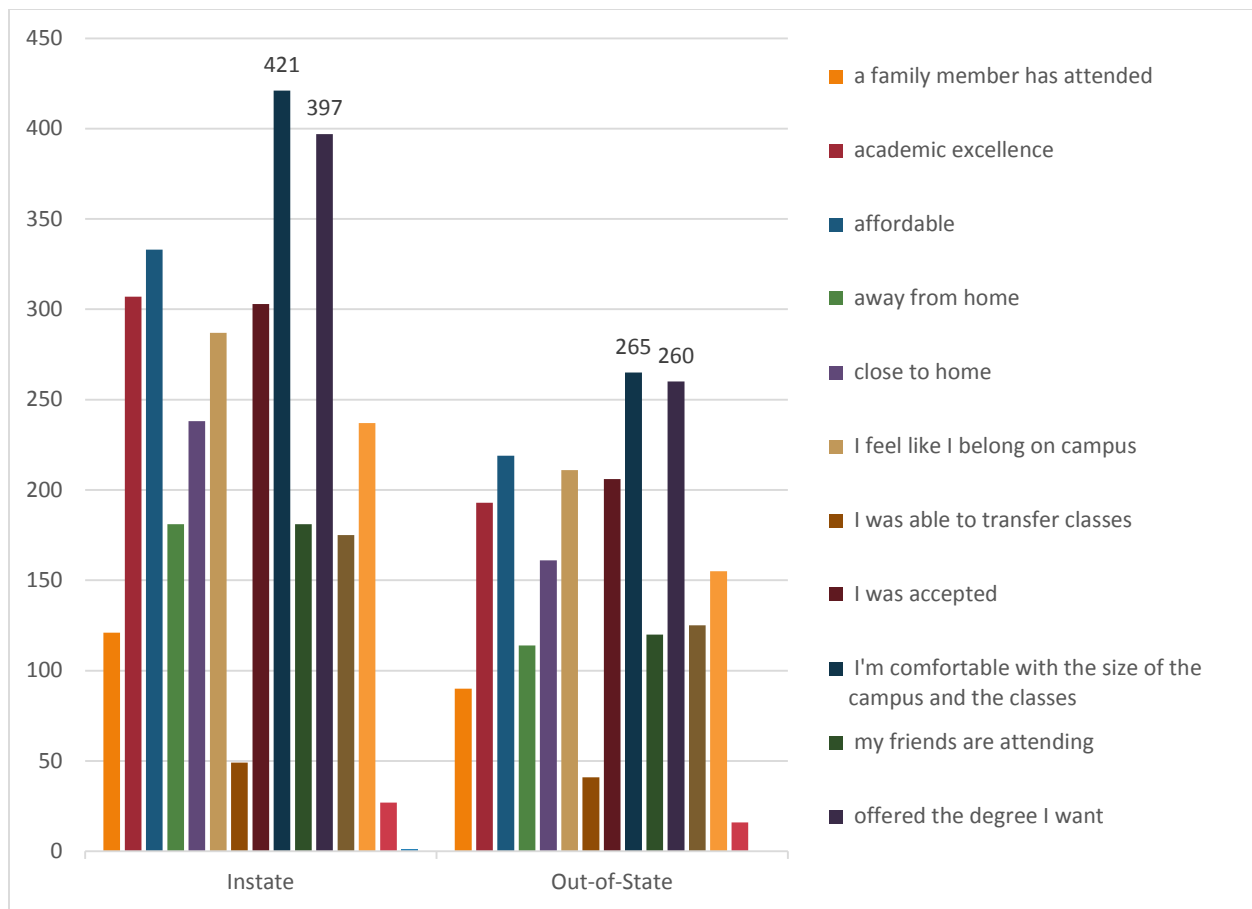


How many of your close friends will attend Murray State this year?



Respondents were asked their reasons for selecting Murray State University. The most common reasons were that the students were comfortable with the size of the campus and the classes, and that Murray State offered the degree they wanted. The table below provides both counts and percentages of responses, split by in-state and out-of-state students. The most dramatic differences in the reasons offered by in-state and out-of-state students occur in comfort with the size of the campus and classes (a difference of 18 percentage points), offered the desired degree (a difference of 15 percentage points), academic excellence (a difference of 13 percentage points), and affordability (a difference of 13 percentage points). In every case, in-state students offered more reasons for selecting Murray State University.

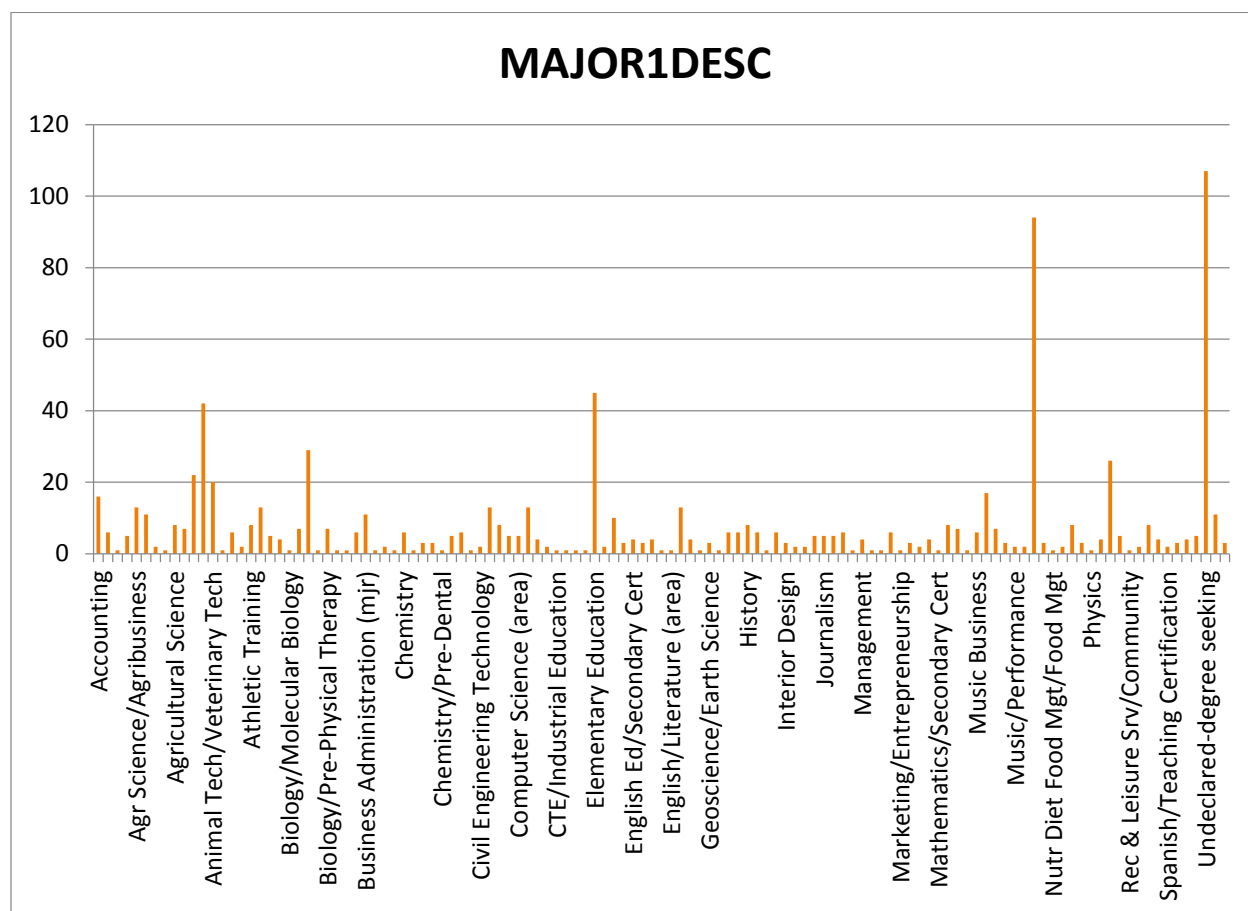
Row Labels	a family member has attended	academic excellence	affordable	away from home	close to home	I feel like I belong on campus	I was able to transfer classes	I was accepted	I'm comfortable with the size of the campus and the classes	my friends are attending	offered the degree I want	offers the extracurricular activities I'm interested in	provided scholarship or other financial assistance	other	Other2
Instate	121	307	333	181	238	287	49	303	421	181	397	175	237	27	1
Out-of-State	90	193	219	114	161	211	41	206	265	120	260	125	155	16	
Grand Total	211	500	552	295	399	498	90	509	686	301	657	300	392	43	1
Instate	14%	35%	38%	21%	27%	33%	6%	35%	48%	21%	45%	20%	27%	3%	0%
Out-of-State	10%	22%	25%	13%	18%	24%	5%	24%	30%	14%	30%	14%	18%	2%	



5.1 DECLARED MAJORS

Of our respondents, 12% are currently undeclared. Of those who have declared majors, 118 majors are represented. STEM majors comprise 26% and STEM-H comprise 52% of respondents who have declared majors. The ten most popular majors can be seen in the following table:

Major	Percentage of respondents
Undeclared-degree seeking	12%
Nursing	11%
Elementary Education	5%
Animal Tech/Vet Tech/Pre-Vet	4.8%
Biology/Pre-Medical	3.3%
Psychology	3%
Animal Tech/Animal/Equine	2.5%
Animal Tech/Veterinary Tech	2.3%
Music Education/Instrumental	1.9%
Accounting	1.8%

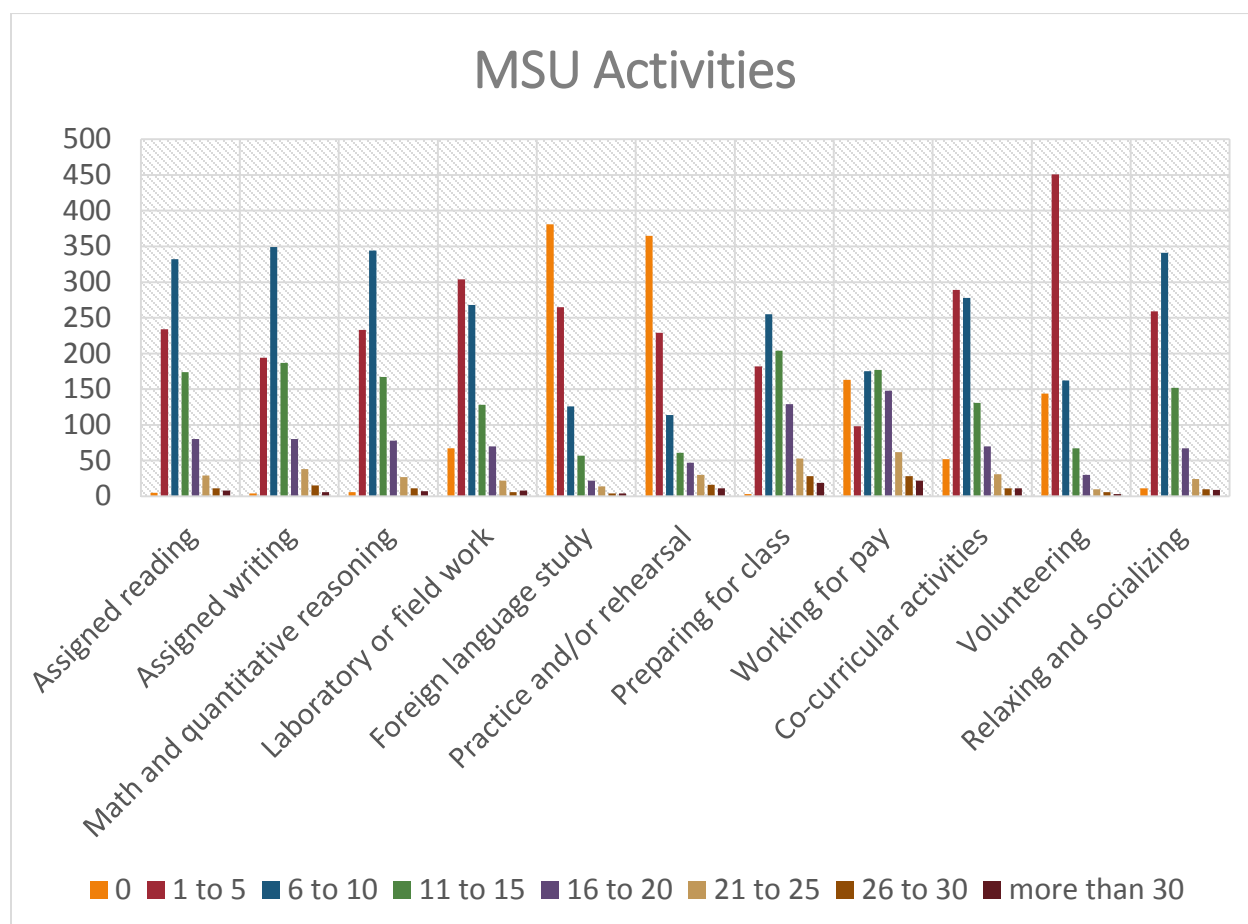


Declared Major	
Undeclared-degree seeking	107
Nursing	94
Elementary Education	45
Animal Tech/Vet Tech/Pre-Vet	42
Biology/Pre-Medical	29
Psychology	26
Animal Tech/Animal/Equine	22
Animal Tech/Veterinary Tech	20
Music Education/Instrumental	17
Accounting	16
Agr Science/Agribusiness	13
Criminal Justice	13
Biology	13
Communication Disorders	13
Exercise Sci/Pre-Hlth Profnl	13
Wildlife & Conservation Biol	11
Agr Science/Agricultural Edu	11
Business Administration (mjr)	11
Engineering Physics	10
Athletic Training	8
OSH/Environmental Hlt & Safety	8
Social Work	8
Middle School Education	8
Agricultural Science	8
History	8
Computer Information Systems	8
Grand Total	582

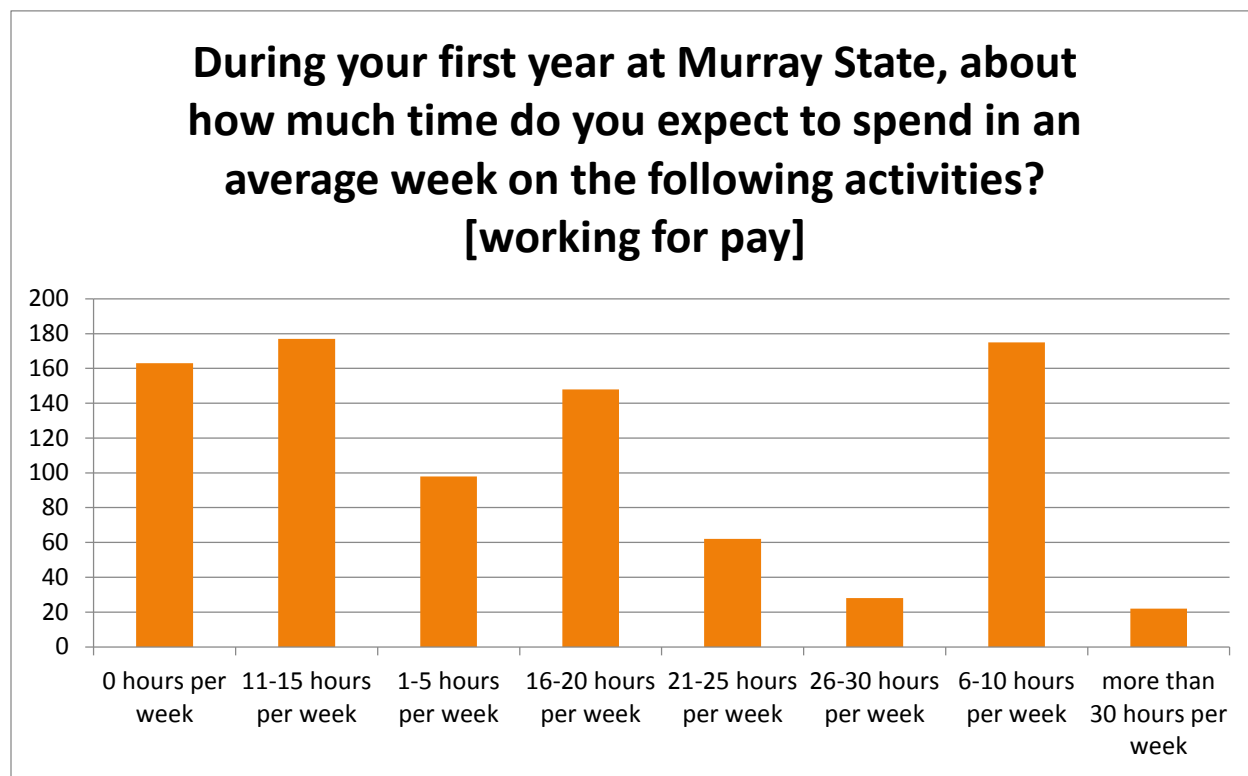
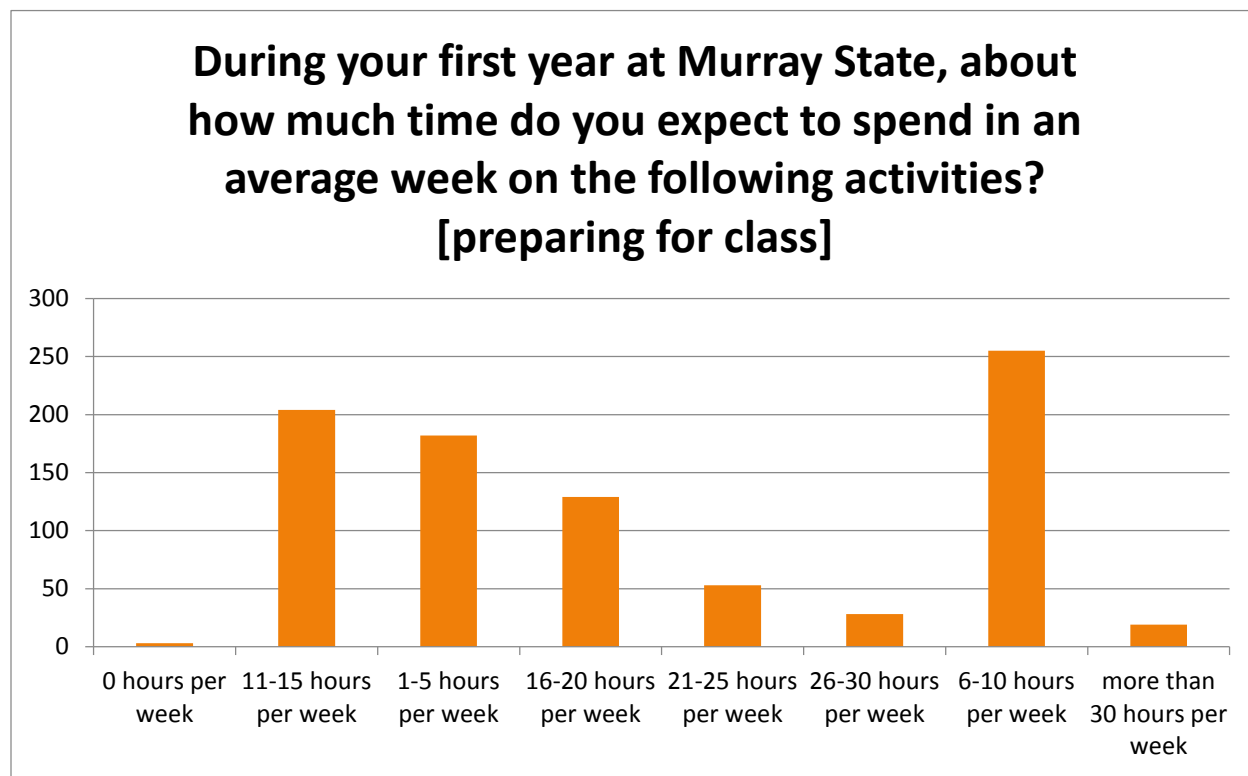
5.2 EXPECTED HOURS/WEEK ON ACADEMICS

Respondents predicted how much time they anticipate spending on academic and extracurricular activities during their first year at Murray State. The most common response for each of the following activities is listed in the table below:

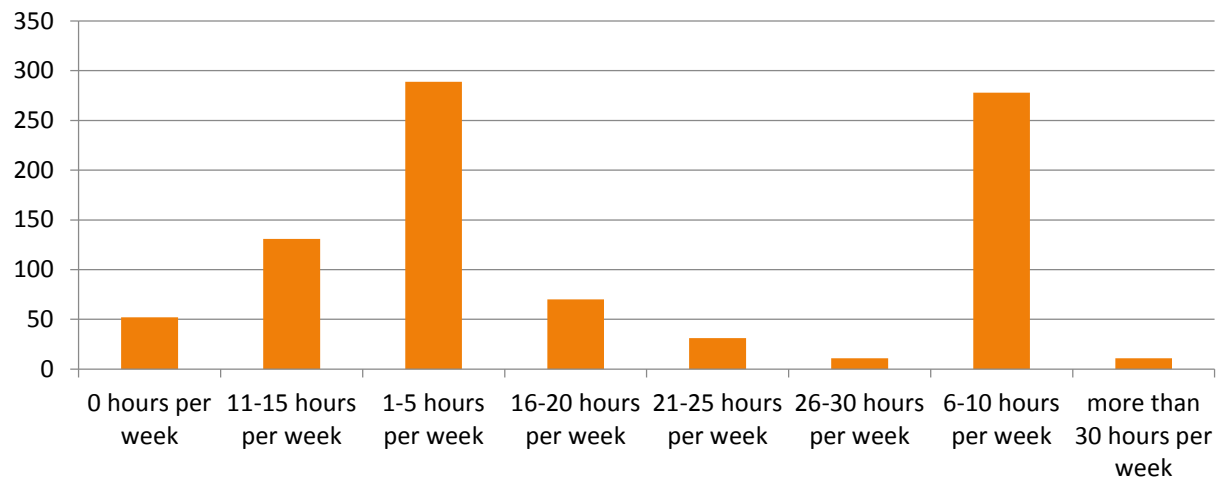
Activity	Amount of time per week	Percent of respondents	Change from high school experience
Assigned reading	6-10 hours	38%	increase
Assigned writing	6-10 hours	40%	increase
Math and quantitative reasoning	6-10 hours	39%	increase
Laboratory or field work	1-5 hours	35%	no change
Foreign language study	0 hours	44%	no change
Practice and/or rehearsal	0 hours	42%	no change
Preparing for class	6-10 hours	29%	increase
Working for pay	11-15 hours	20%	increase
Co-curricular activities	1-5 hours	33%	no change
Volunteering	1-5 hours	52%	no change
Relaxing and socializing	6-10 hours	39%	no change



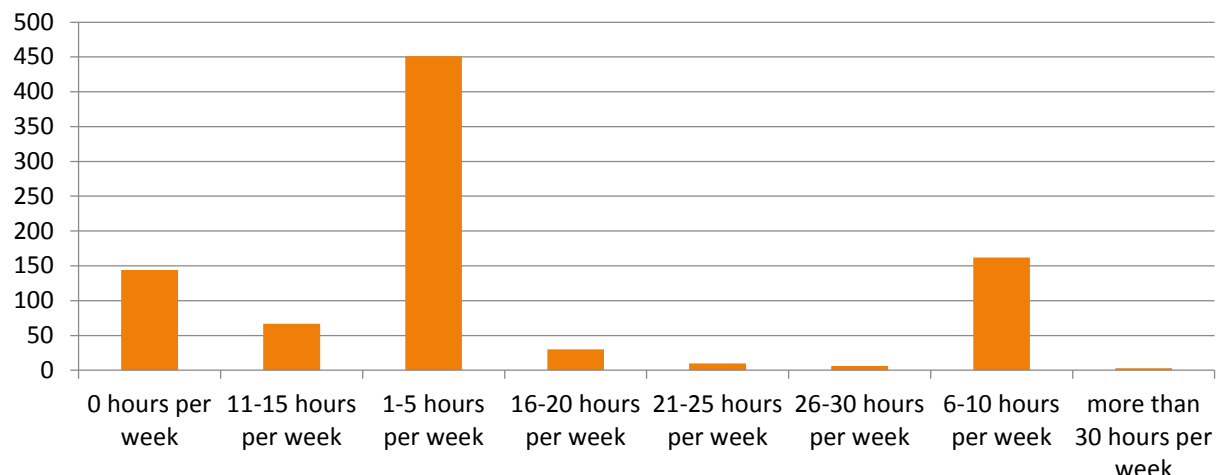
The following bar graphs illustrate the individual counts of responses for each academic or extracurricular experience included in the summary table and figure above.



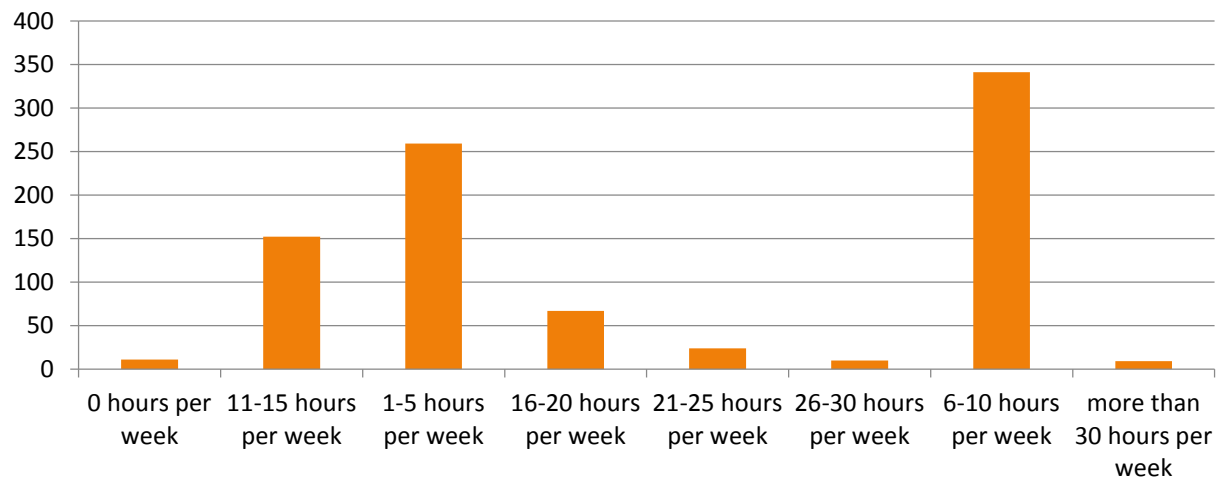
**During your first year at Murray State, about how much time do you expect to spend in an average week on the following activities?
[participating in co-curricular activities]**



**During your first year at Murray State, about how much time do you expect to spend in an average week on the following activities?
[volunteering]**



**During your first year at Murray State, about
how much time do you expect to spend in an
average week on the following activities?
[relaxing and socializing]**

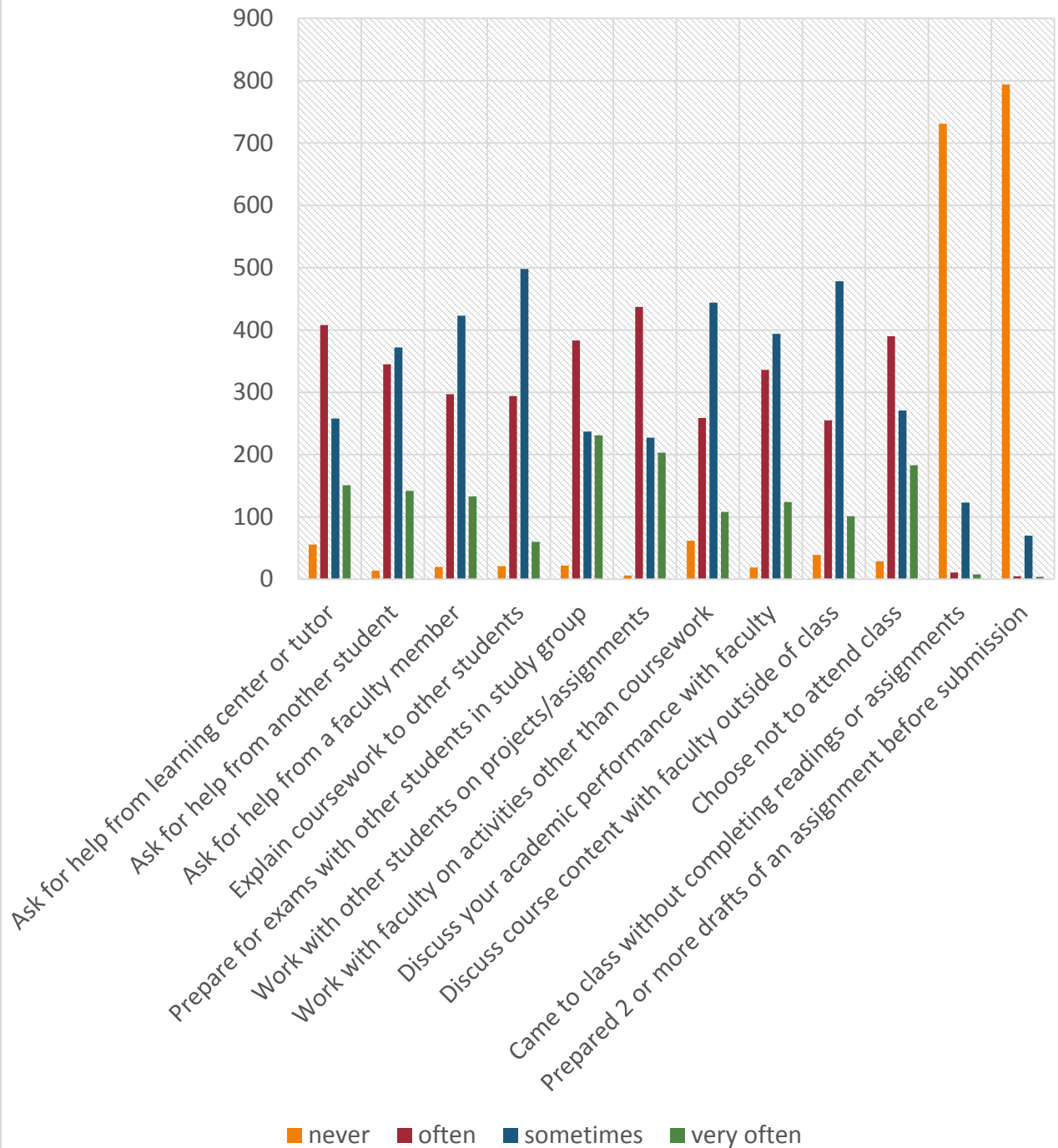


5.3 EXPECTED FREQUENCY OF ACADEMIC BEHAVIOR

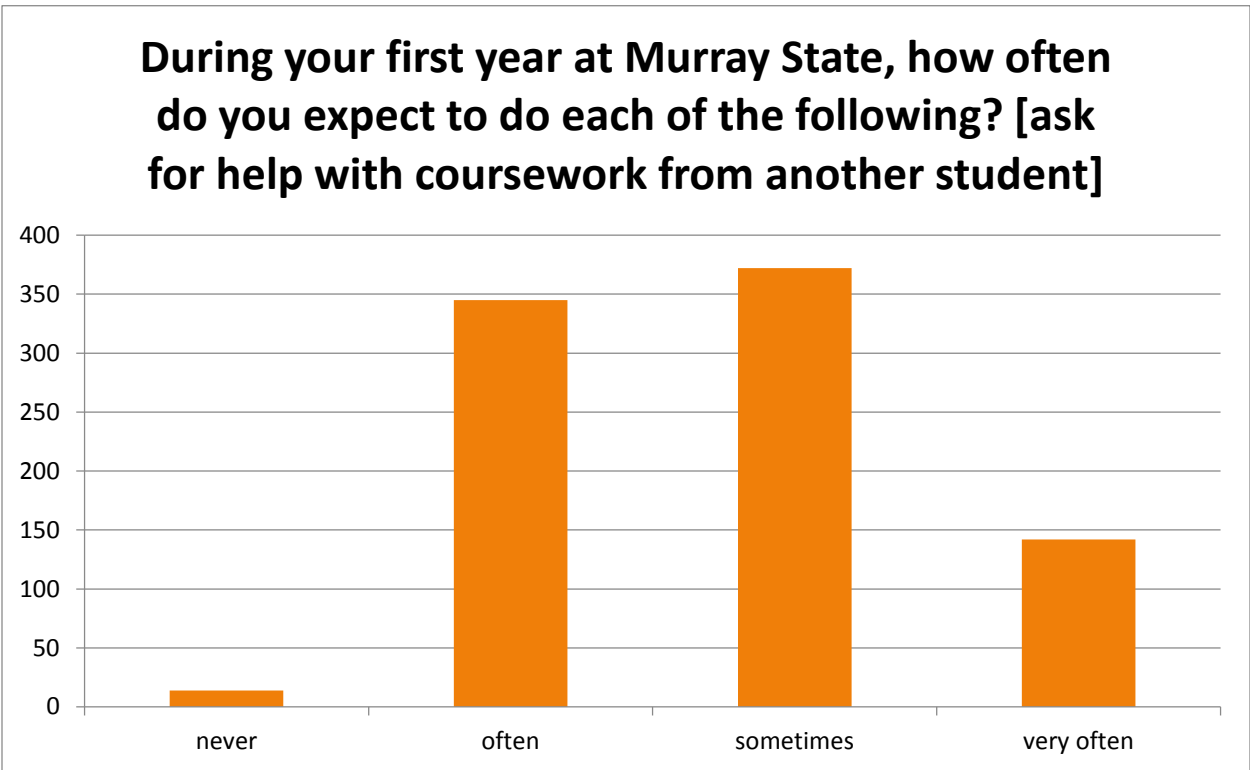
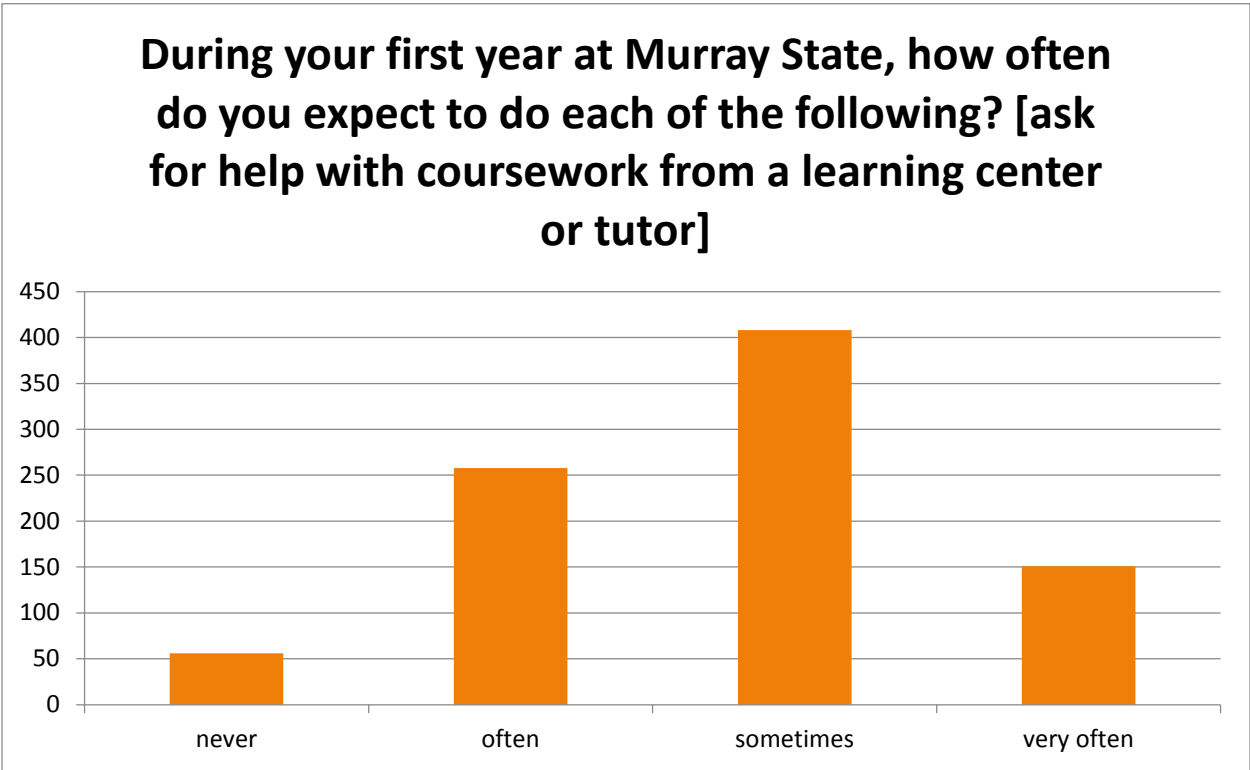
Respondents anticipated how frequently they would engage in certain behaviors during their first year at Murray State. The most common response for each of the following activities is listed in the table below:

Behavior	Frequency	Percent of respondents
Ask for help from learning center or tutor	sometimes	47%
Ask for help from another student	sometimes	43%
Ask for help from a faculty member	sometimes	48%
Explain coursework to other students	sometimes	57%
Prepare for exams with other students in study group	often	44%
Work with other students on projects/assignments	often	50%
Work with faculty on activities other than coursework	sometimes	51%
Discuss your academic performance with faculty	sometimes	45%
Discuss course content with faculty outside of class	sometimes	55%
Choose not to attend class	never	91%
Came to class without completing readings or assignments	never	84%
Prepared 2 or more drafts of an assignment before submission	often	45%

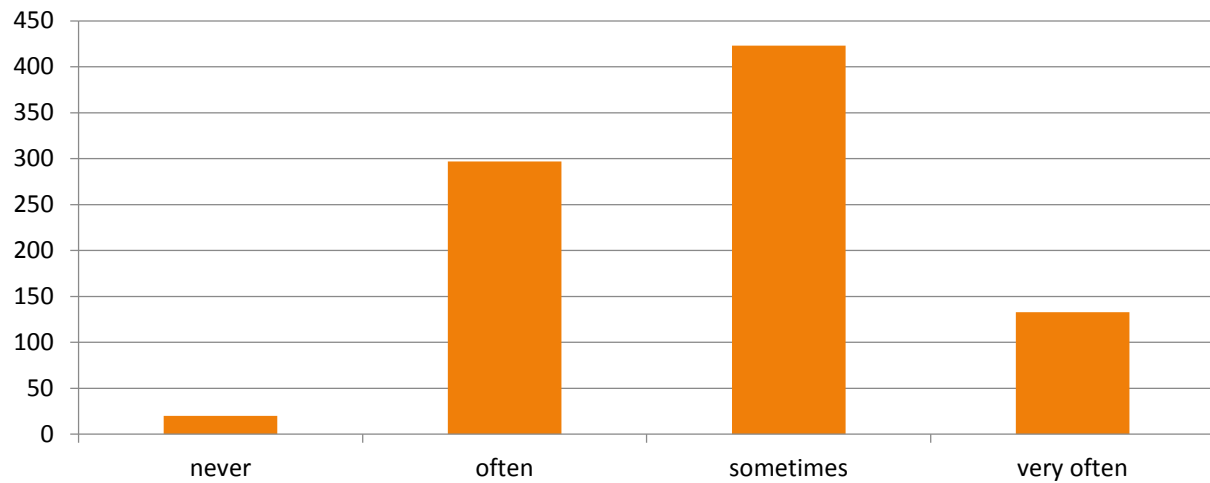
MSU Academic Behavior



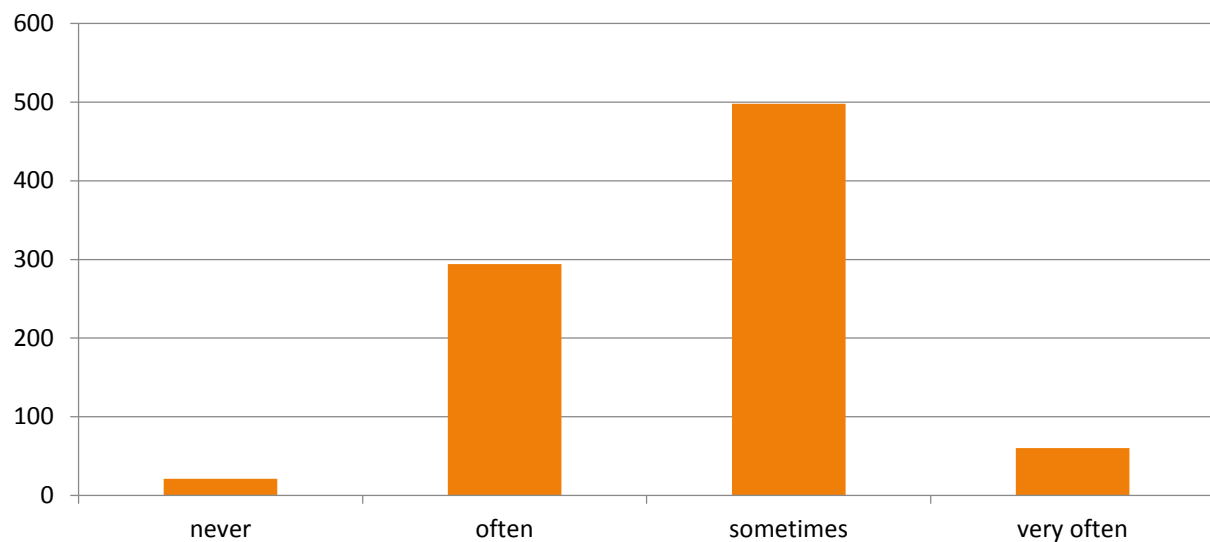
The following bar graphs illustrate the individual counts of responses for each academic behavior included in the summary table and figure above.



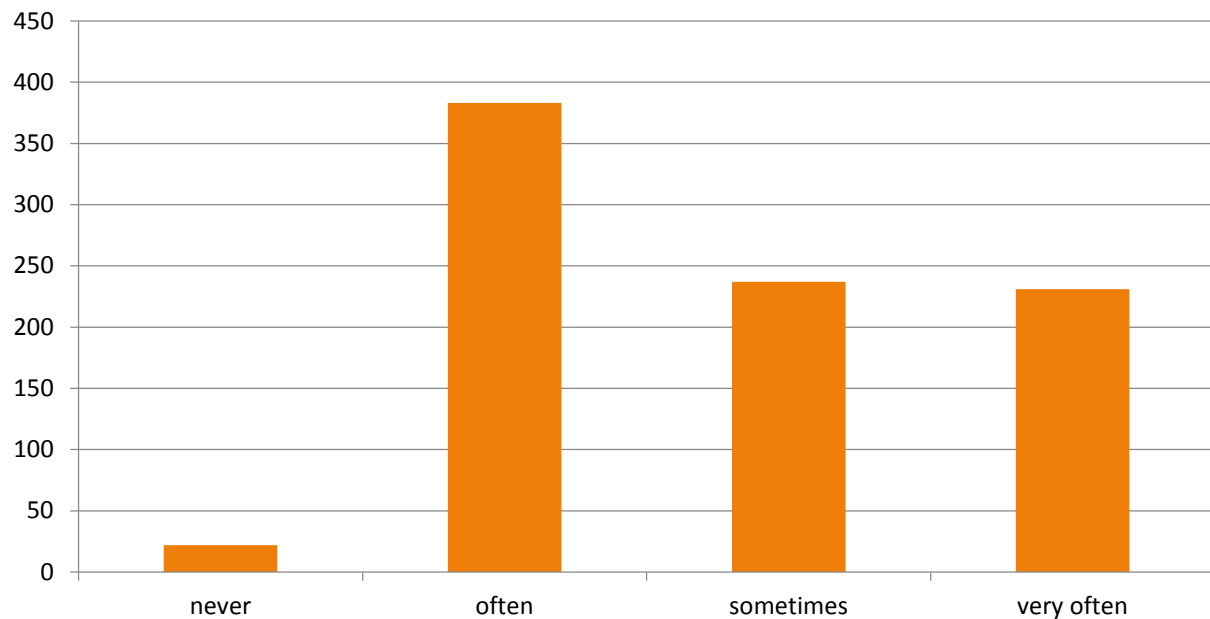
During your first year at Murray State, how often do you expect to do each of the following? [ask for help with coursework from a faculty member]



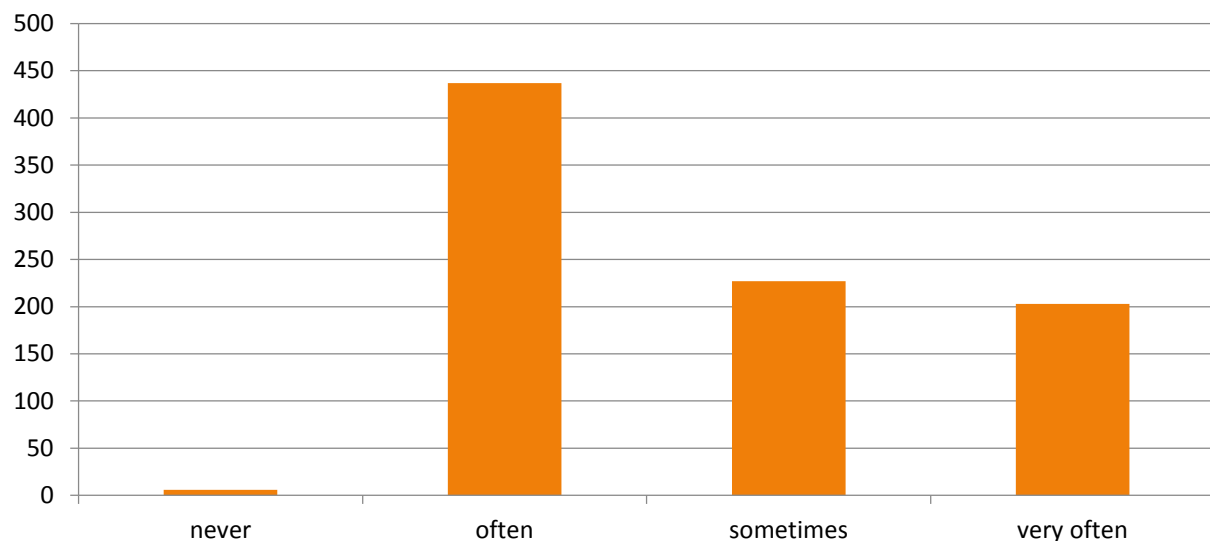
During your first year at Murray State, how often do you expect to do each of the following? [explain coursework to other students]



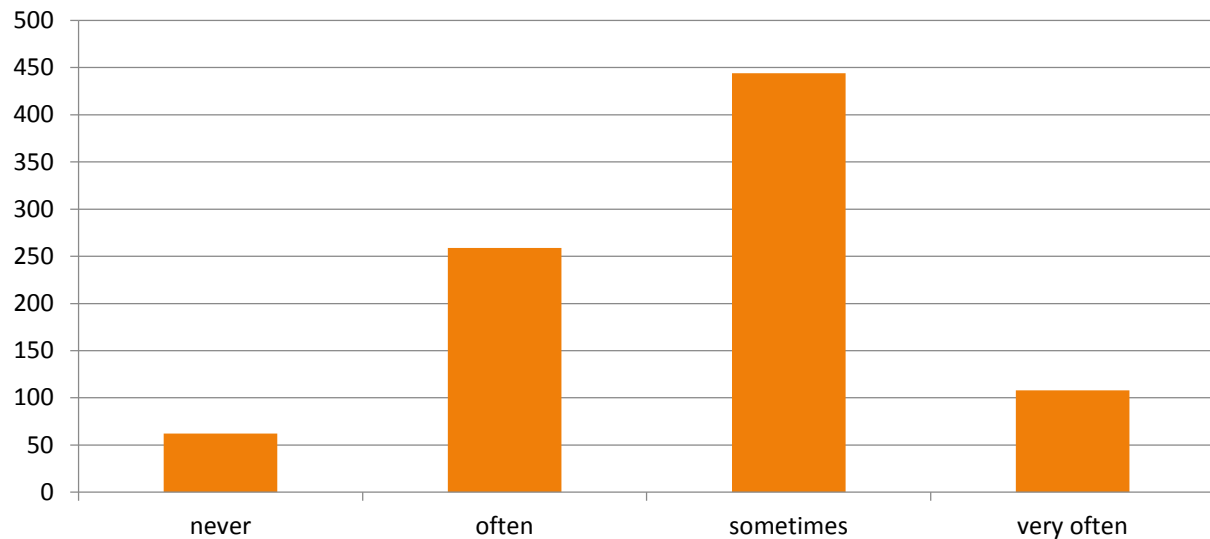
**During your first year at Murray State, how often do you expect to do each of the following?
[prepare for exams with other students in a study group]**



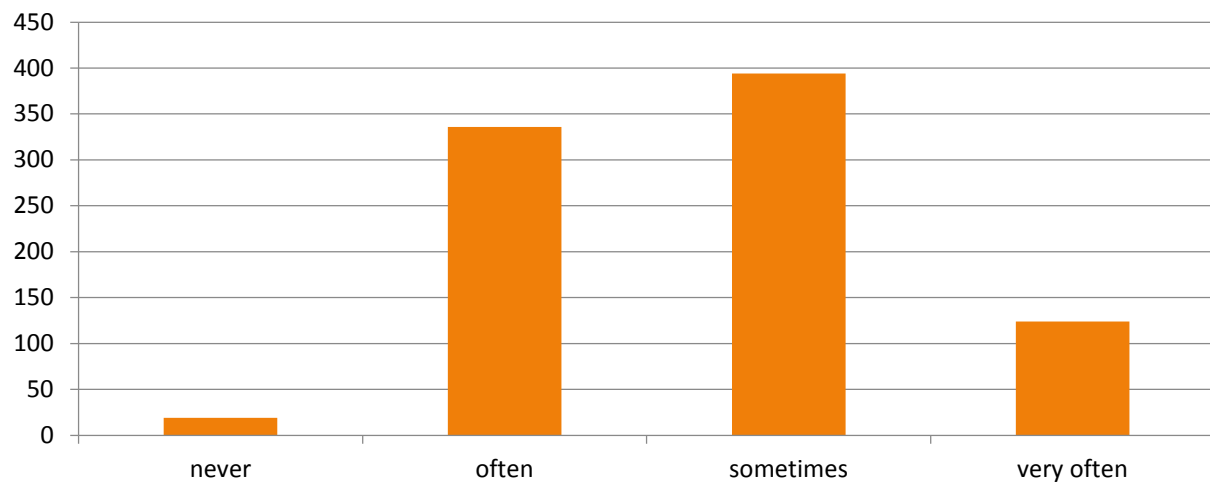
During your first year at Murray State, how often do you expect to do each of the following? [work with other students on projects or assignments]



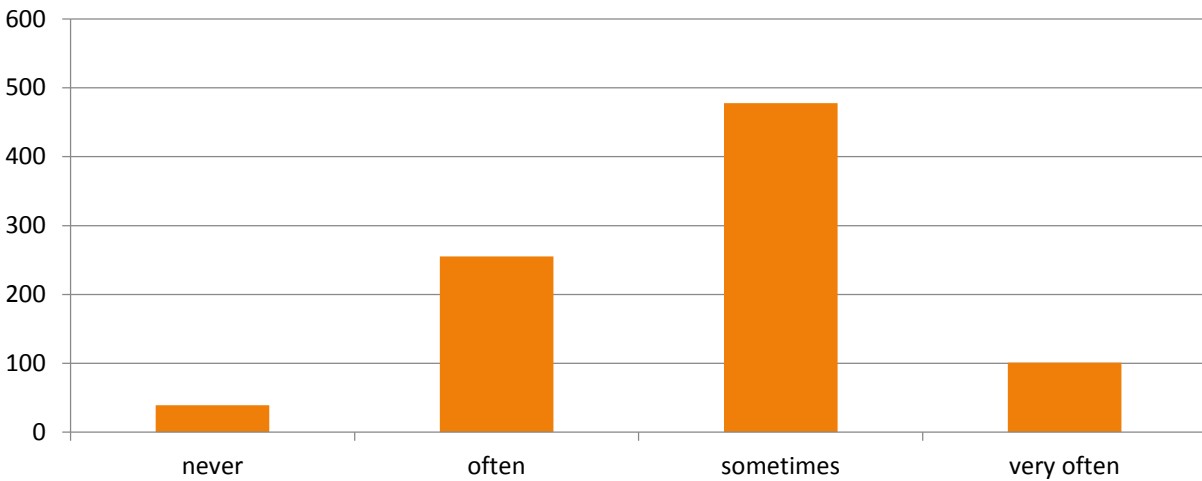
During your first year at Murray State, how often do you expect to do each of the following? [work with faculty on activities other than coursework]



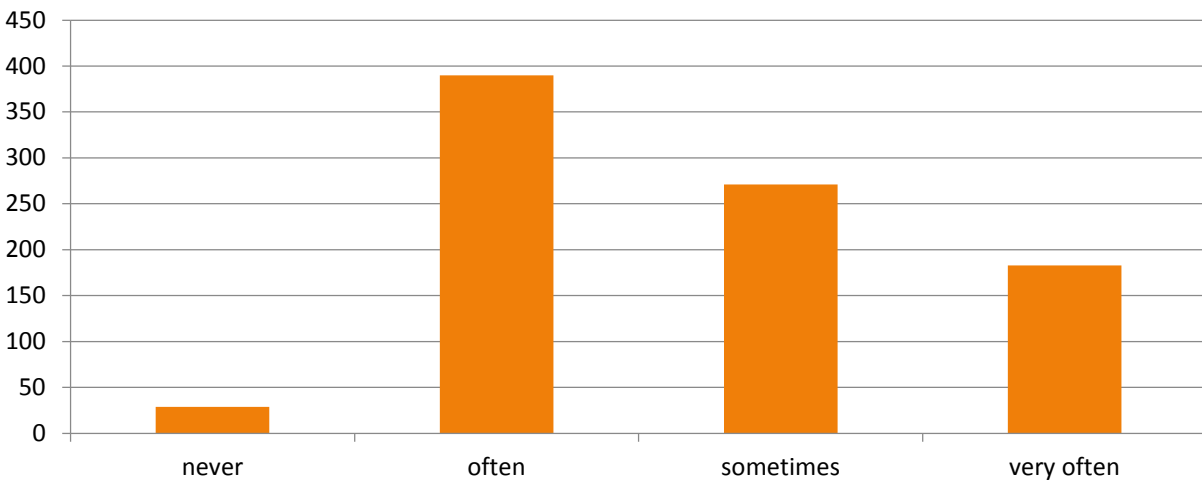
During your first year at Murray State, how often do you expect to do each of the following? [discuss your academic performance with a faculty member]



**During your first year at Murray State, how often
do you expect to do each of the following?
[discuss course content with a faculty member
outside of class]**



**During your first year at Murray State, how often
do you expect to do each of the following?
[prepare two or more drafts of an assignment
before submitting it]**

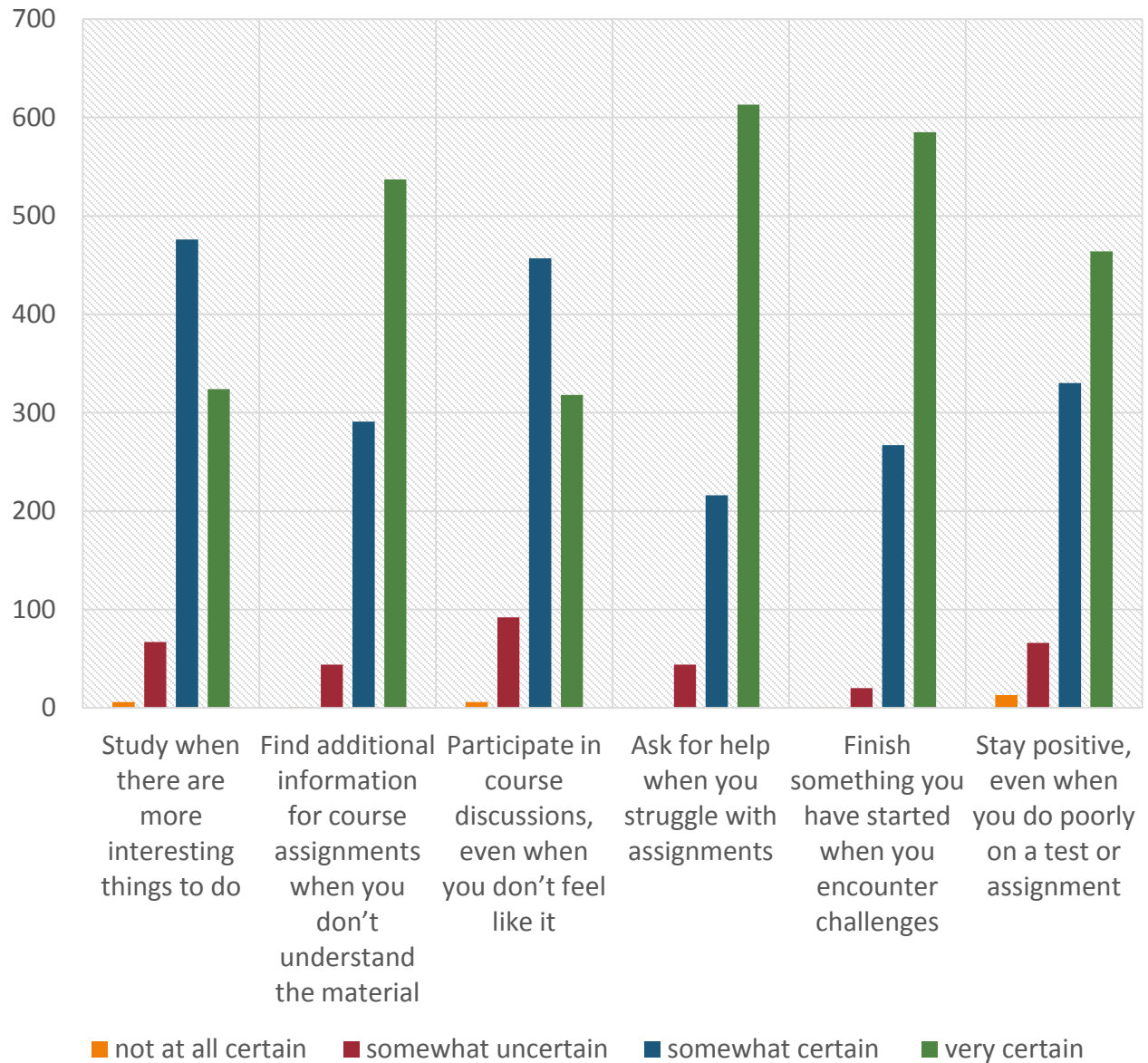


5.4 BEHAVIORS LINKED TO SUCCESS

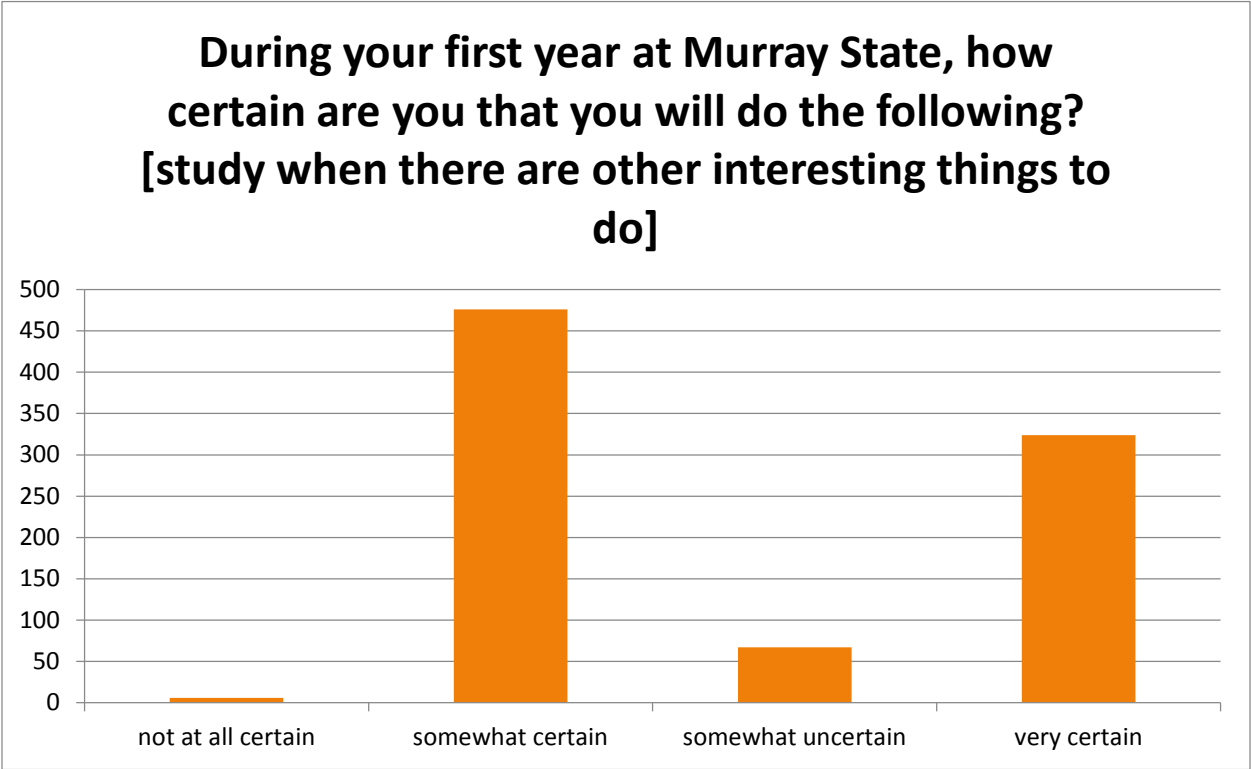
Respondents were very positive about the likelihood in engaging in behavior linked to being successful in college, reporting that they were somewhat or very certain for the following positive academic behaviors.

Behavior	Certainty	Percentage of respondents
Study when there are more interesting things to do	somewhat certain	55%
Find additional information for course assignments when you don't understand the material	very certain	62%
Participate in course discussions, even when you don't feel like it	somewhat certain	52%
Ask for help when you struggle with assignments	very certain	72%
Finish something you have started when you encounter challenges	very certain	67%
Stay positive, even when you do poorly on a test or assignment	very certain	53%

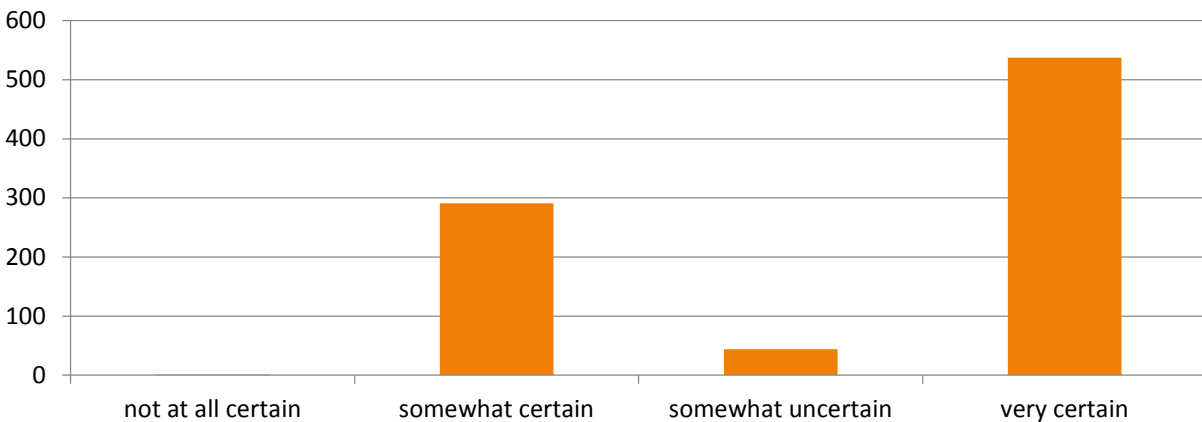
Behaviors Linked to Academic Success



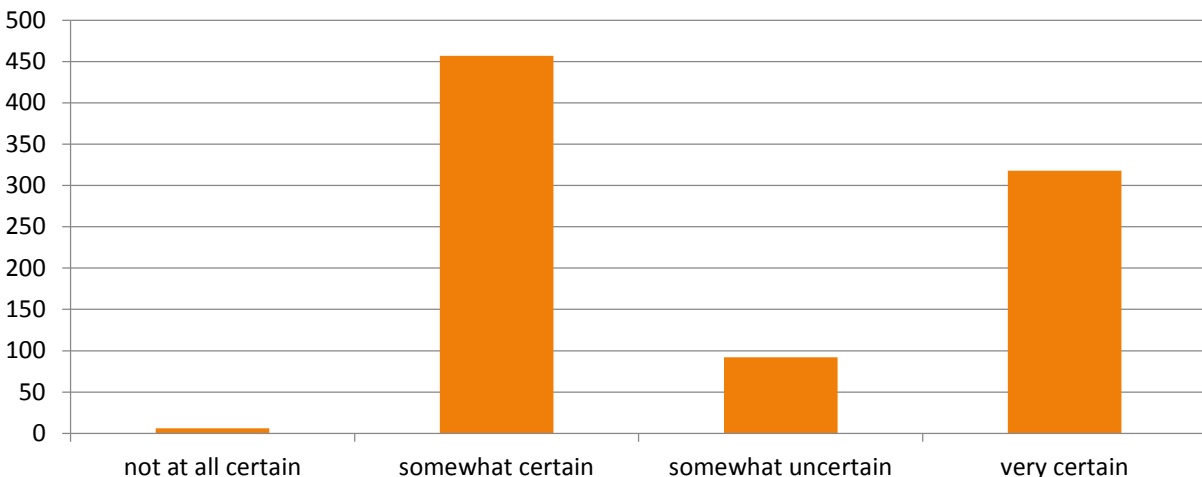
The following bar graphs illustrate the individual counts of responses for each academic or extracurricular experience included in the summary table and figure above.



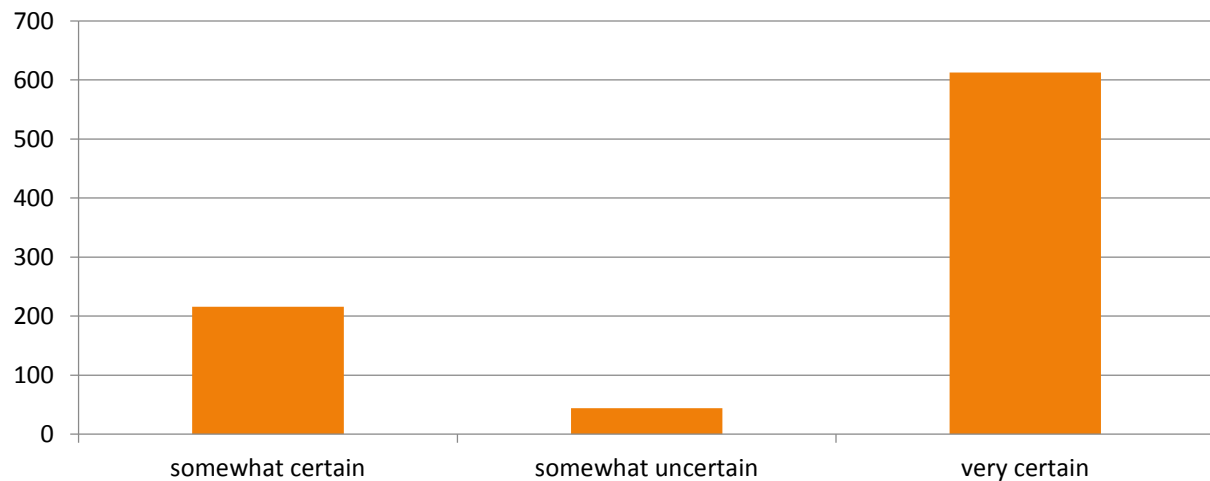
**During your first year at Murray State, how certain are you that you will do the following?
[find additional information for course assignments when you don't understand the material]**



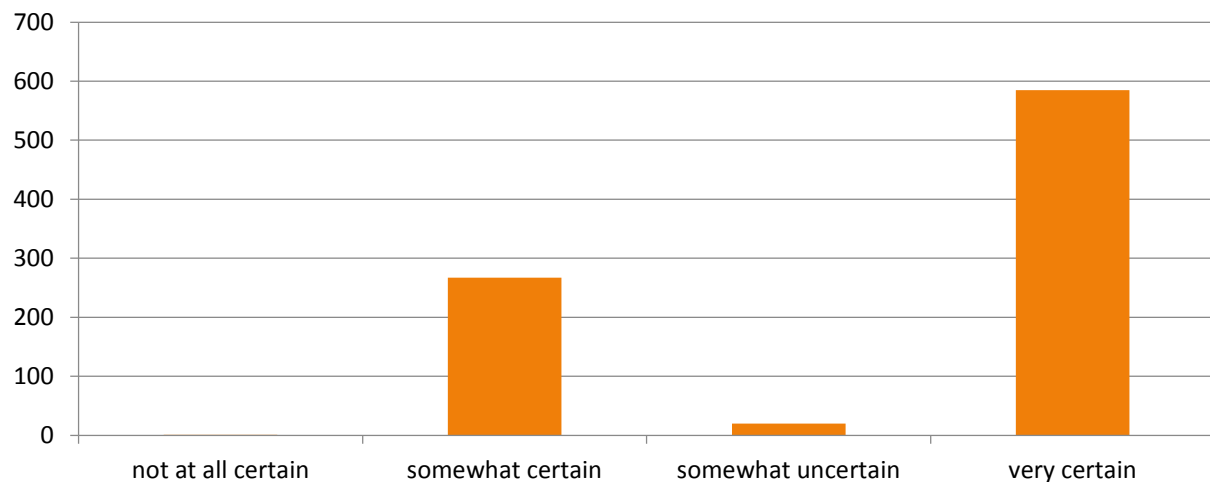
**During your first year at Murray State, how certain are you that you will do the following?
[participate in course discussions, even when you don't feel like it]**



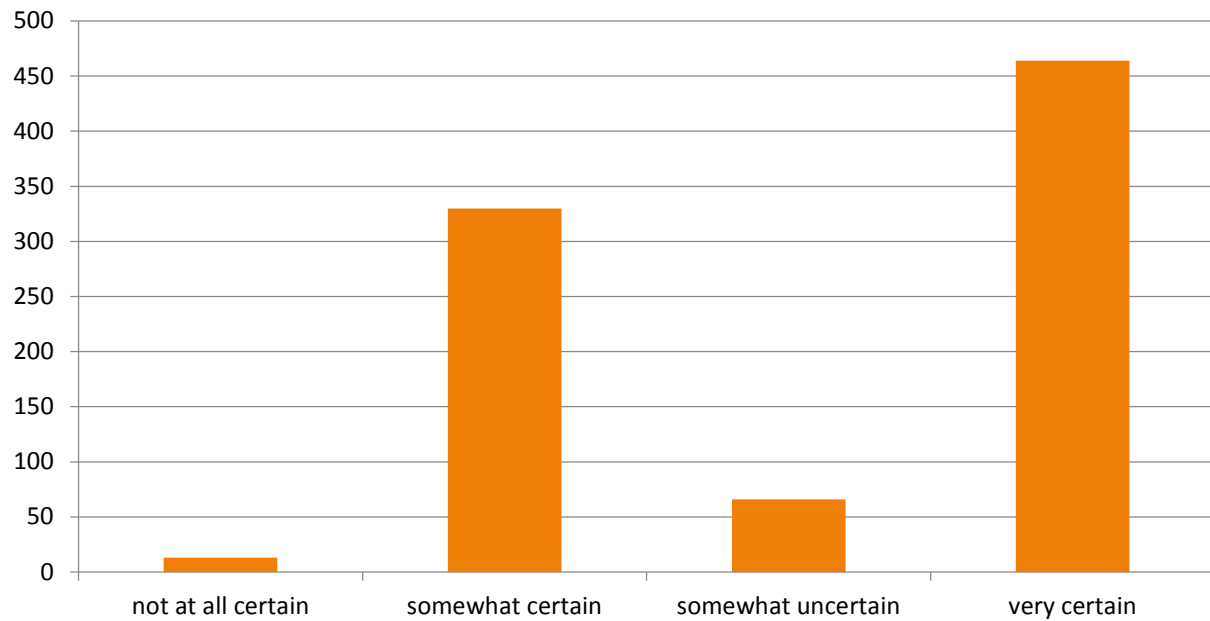
**During your first year at Murray State, how certain are you that you will do the following?
[ask for help when you struggle with assignments]**



**During your first year at Murray State, how certain are you that you will do the following?
[finish something you have started when you encounter challenges]**

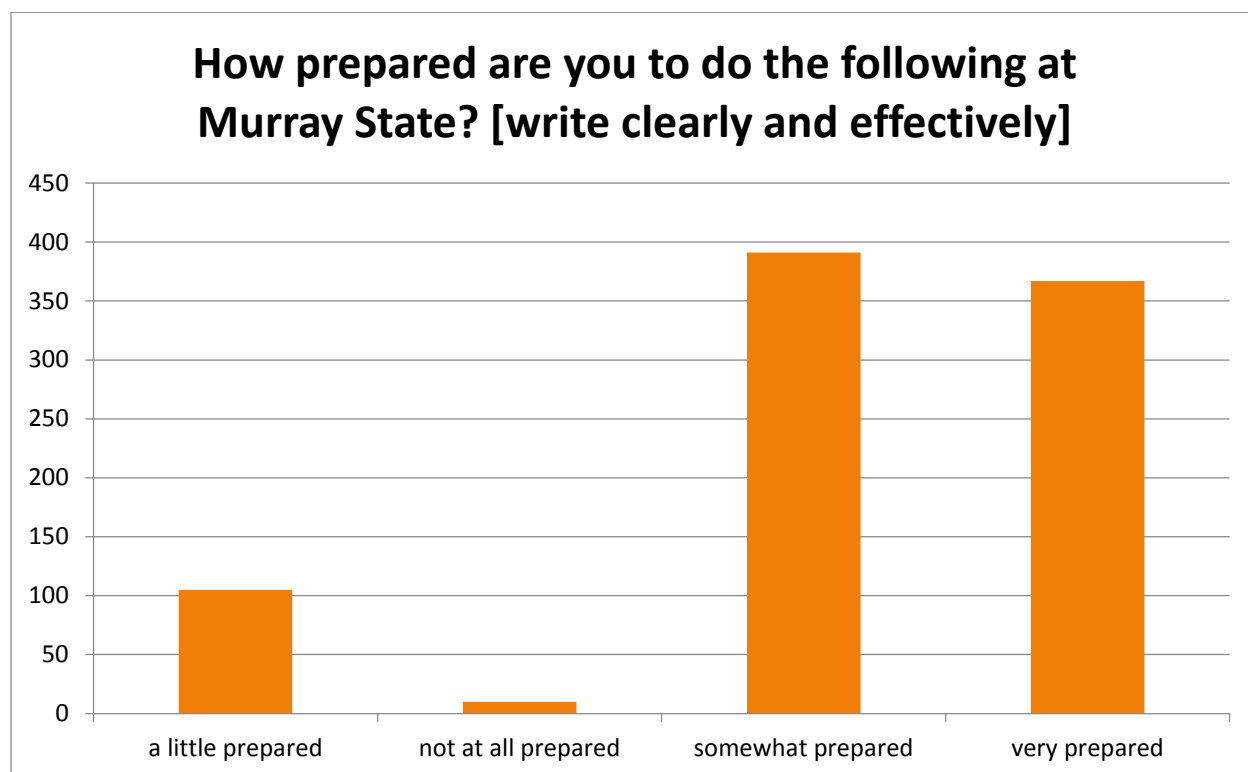


**During your first year at Murray State, how certain are you that you will do the following?
[stay positive, even when you do poorly on a test or assignment]**

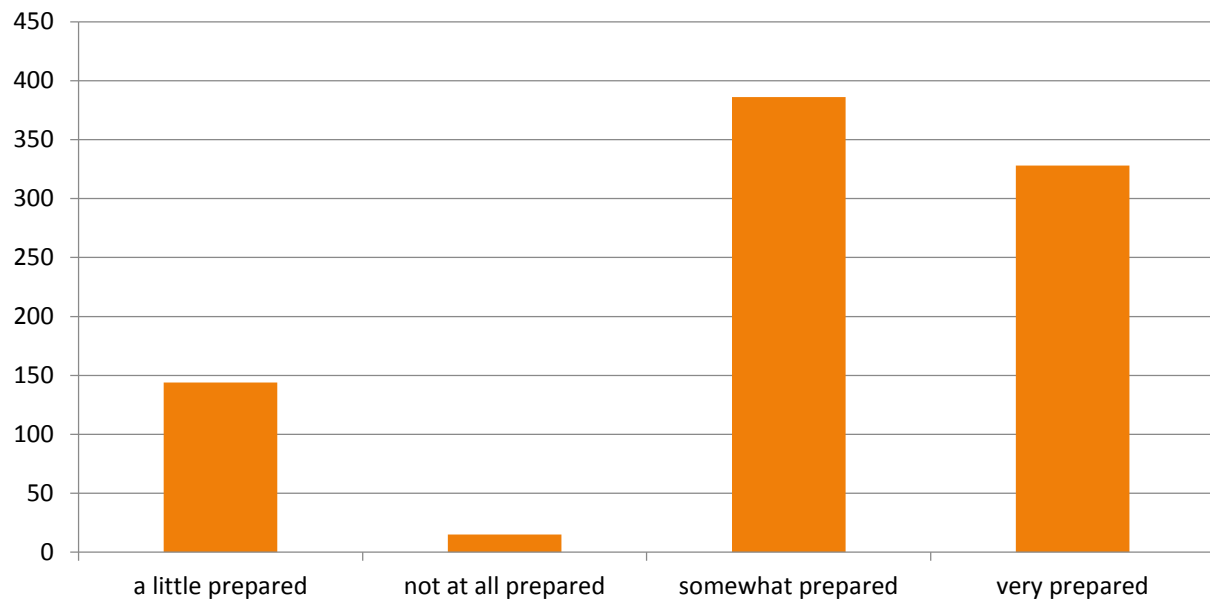


5.5 PREPAREDNESS FOR COLLEGE

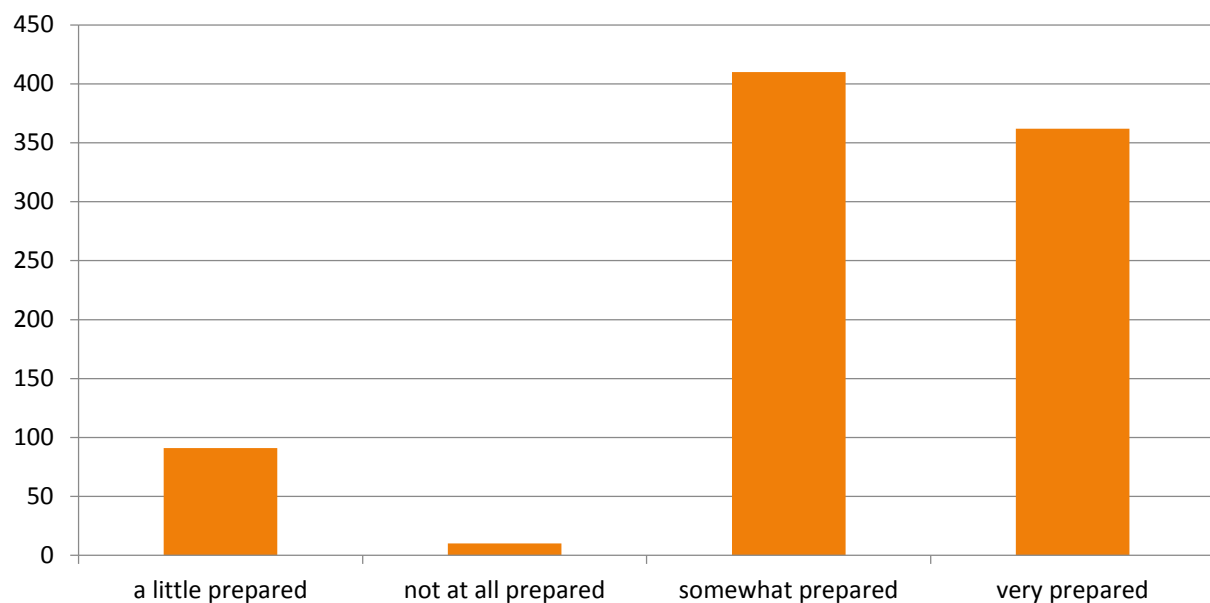
Respondents were asked to speculate on how prepared they were for college-level intellectual activity in written and oral communication, critical thinking, quantitative reasoning, cooperative and independent learning, application of knowledge, and use of technology. Respondents indicated that they were somewhat prepared for all of these key skills, with the exception of working in a group, which they felt they were very prepared, and applying knowledge from one experience to another, which was equally split between somewhat and very prepared.



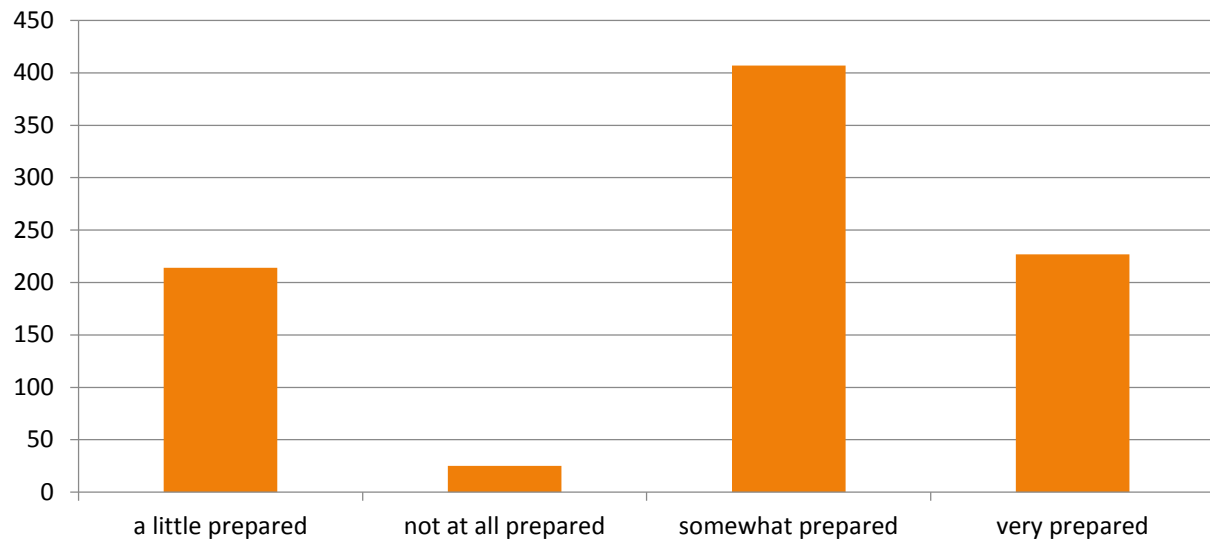
**How prepared are you to do the following at
Murray State? [speak clearly and effectively]**



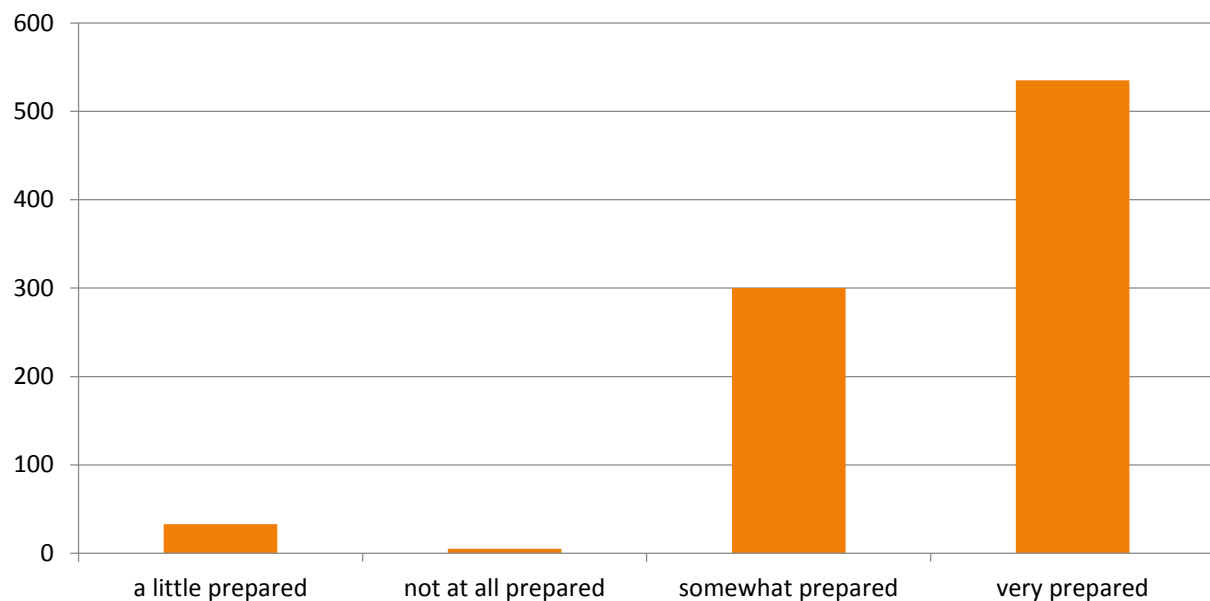
**How prepared are you to do the following at
Murray State? [think critically and analytically]**



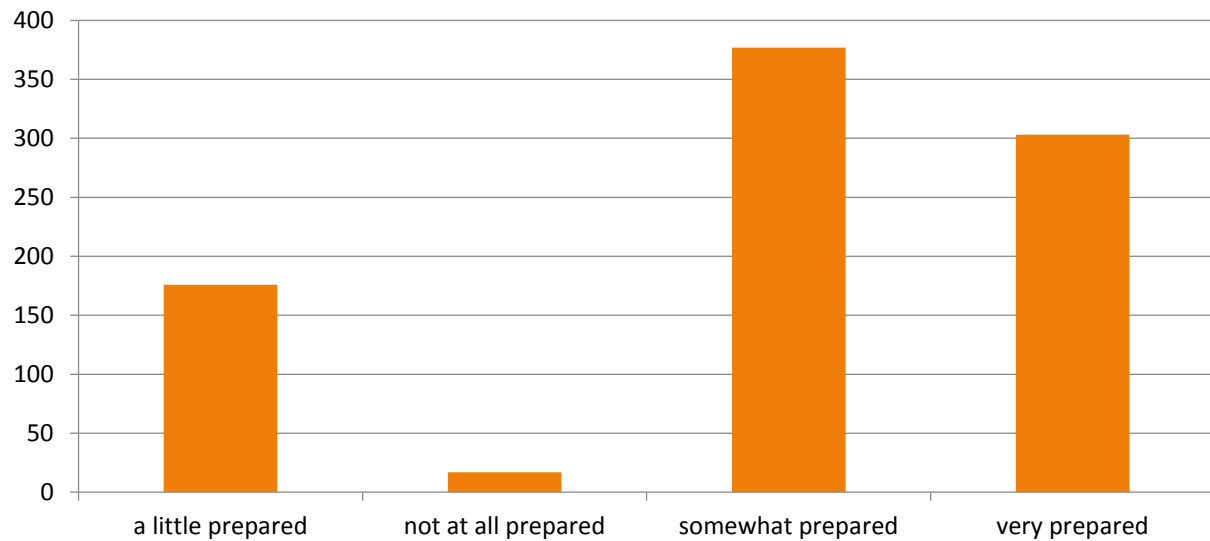
**How prepared are you to do the following at
Murray State? [analyze numerical and statistical
information]**



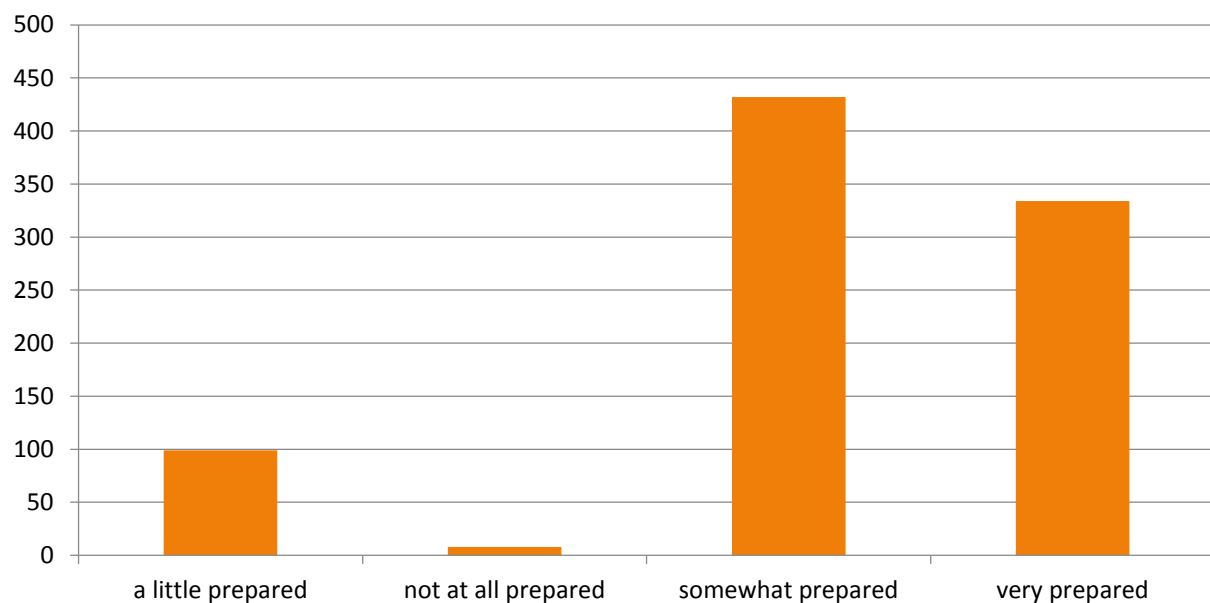
**How prepared are you to do the following at
Murray State? [work effectively with others]**



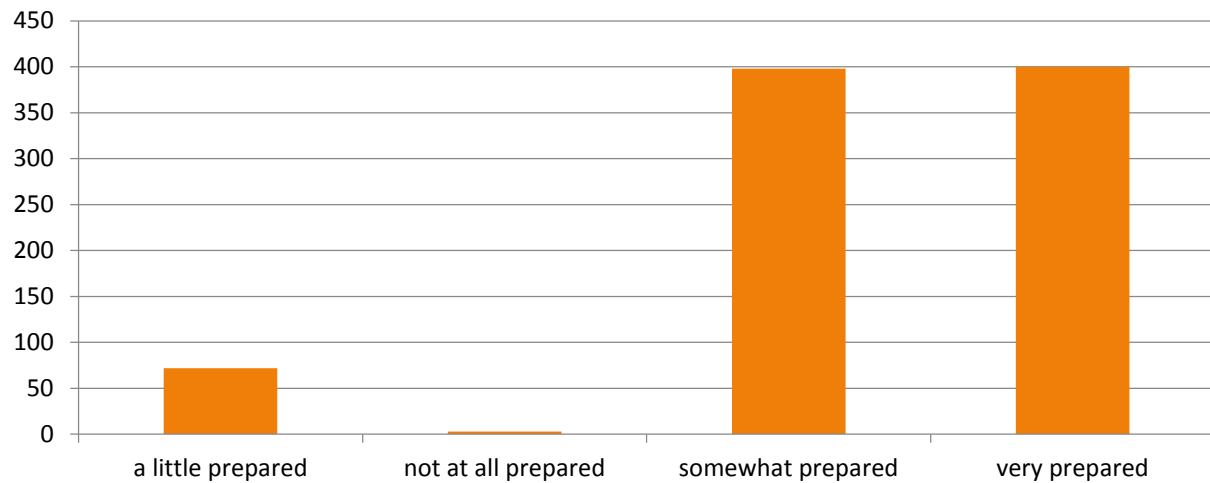
**How prepared are you to do the following at
Murray State? [use computing and information
technology]**



**How prepared are you to do the following at
Murray State? [learn effectively on your own]**



**How prepared are you to do the following at
Murray State? [apply knowledge and skills from
one situation to another (such as from class to
class, or class to job)]**

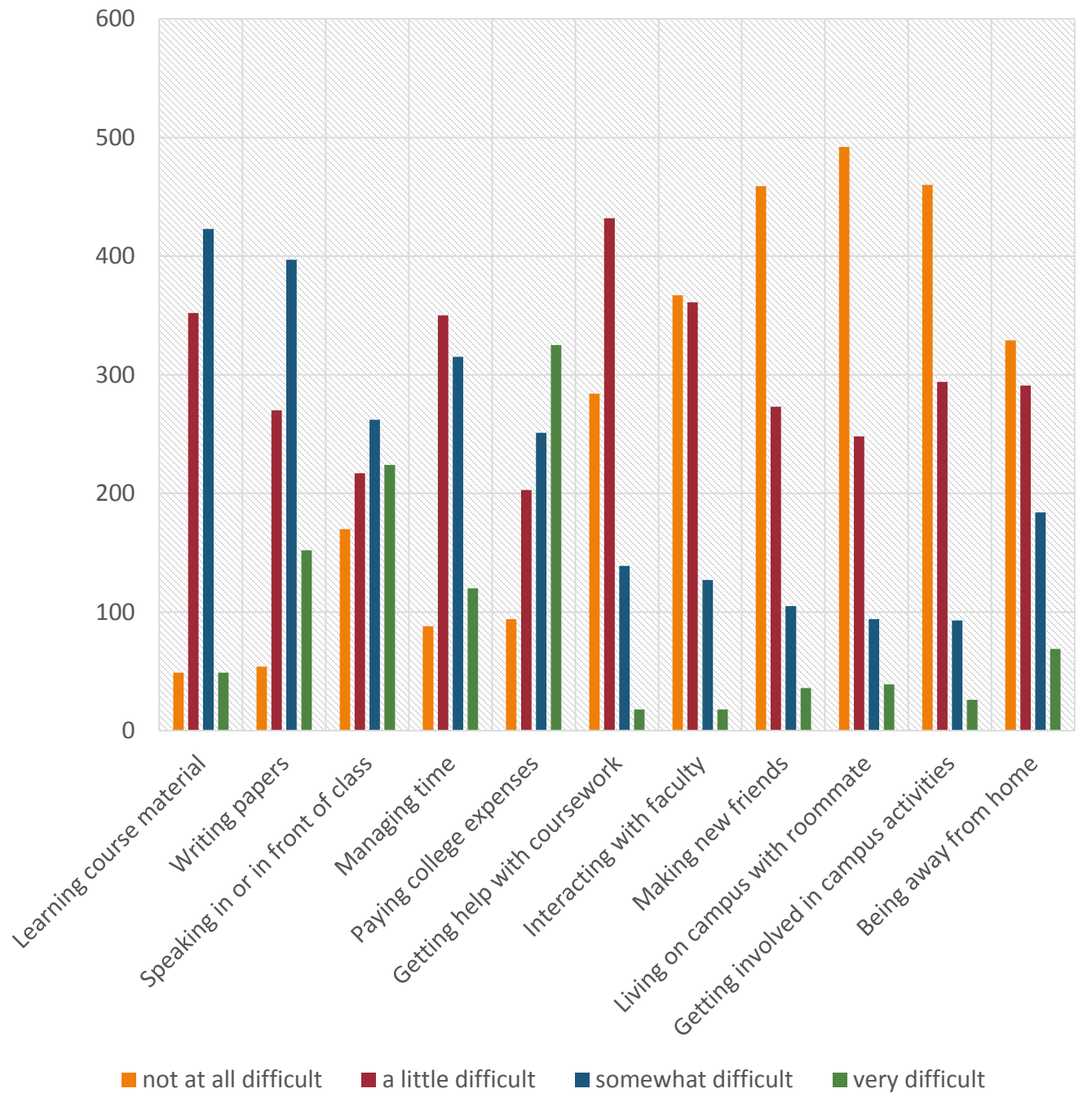


5.6 EXPECTED LEVEL OF DIFFICULTY

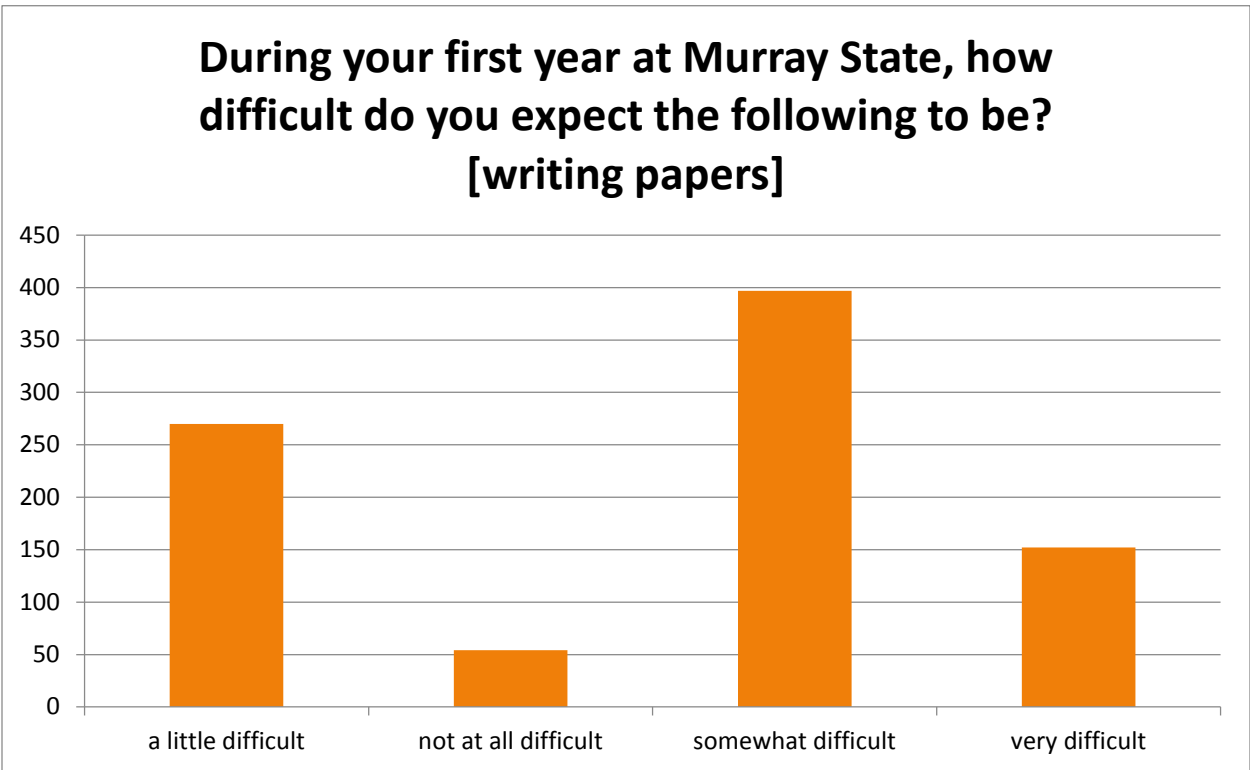
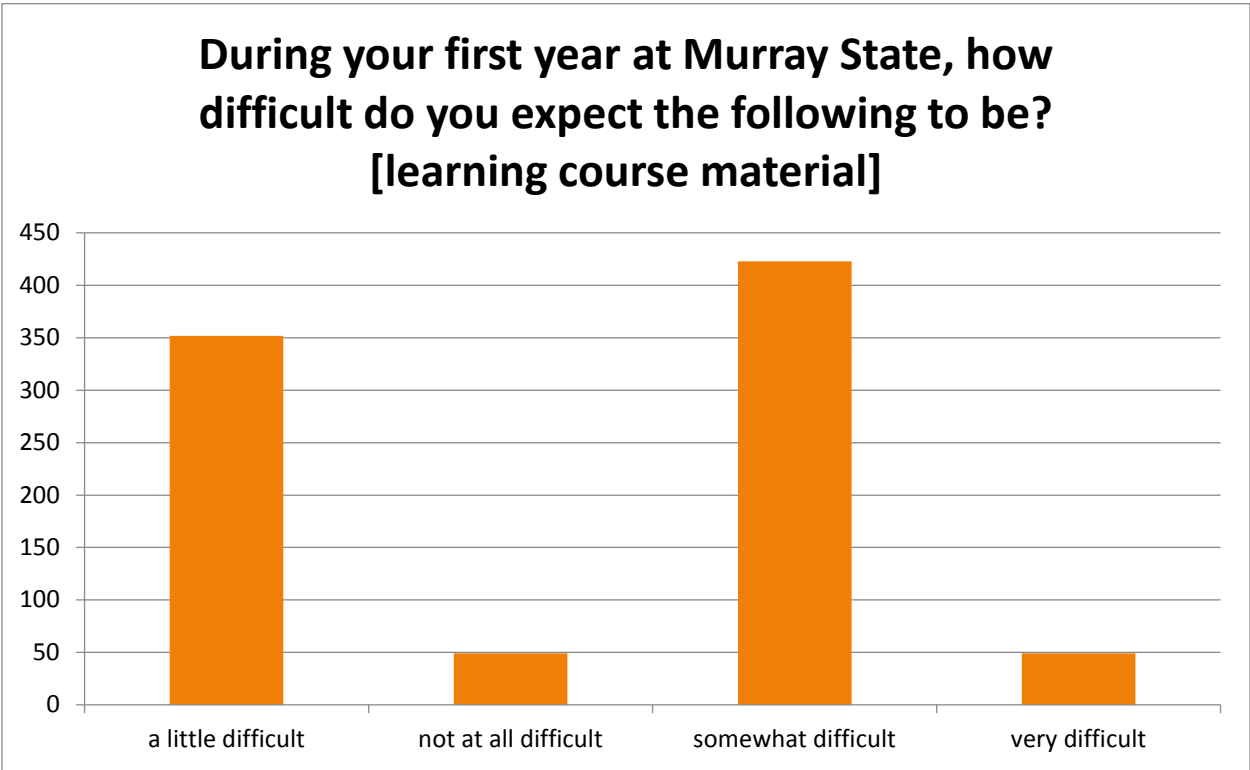
Respondents were also positive about how difficult they might find common university challenges, reporting that social challenges were not at all difficult, and academic challenges ranged from a little difficult to somewhat difficult. Many respondents indicate that paying colleges expenses would be very difficult.

MSU experience	Level of difficulty	Percentage of respondents
Learning course material	somewhat difficult	48%
Writing papers	somewhat difficult	45%
Speaking in or in front of class	somewhat difficult	30%
Managing time	a little difficult	40%
Paying college expenses	very difficult	37%
Getting help with coursework	a little difficult	49%
Interacting with faculty	not at all difficult	42%
Making new friends	not at all difficult	53%
Living on campus with roommate	not at all difficult	56%
Getting involved in campus activities	not at all difficult	53%
Being away from home	not at all difficult	38%

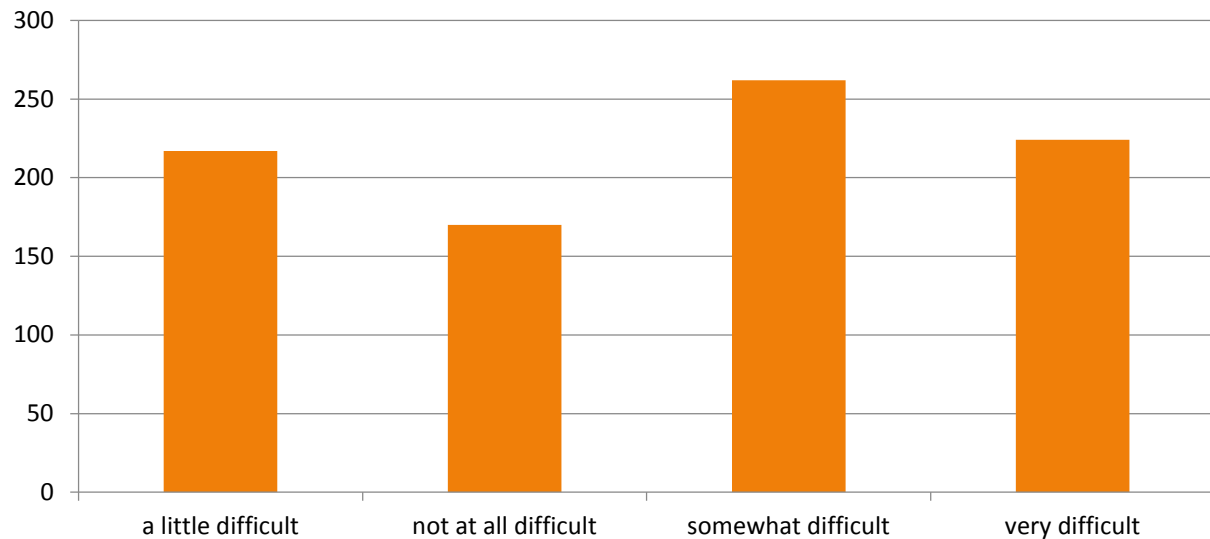
Anticipated Level of Difficulty



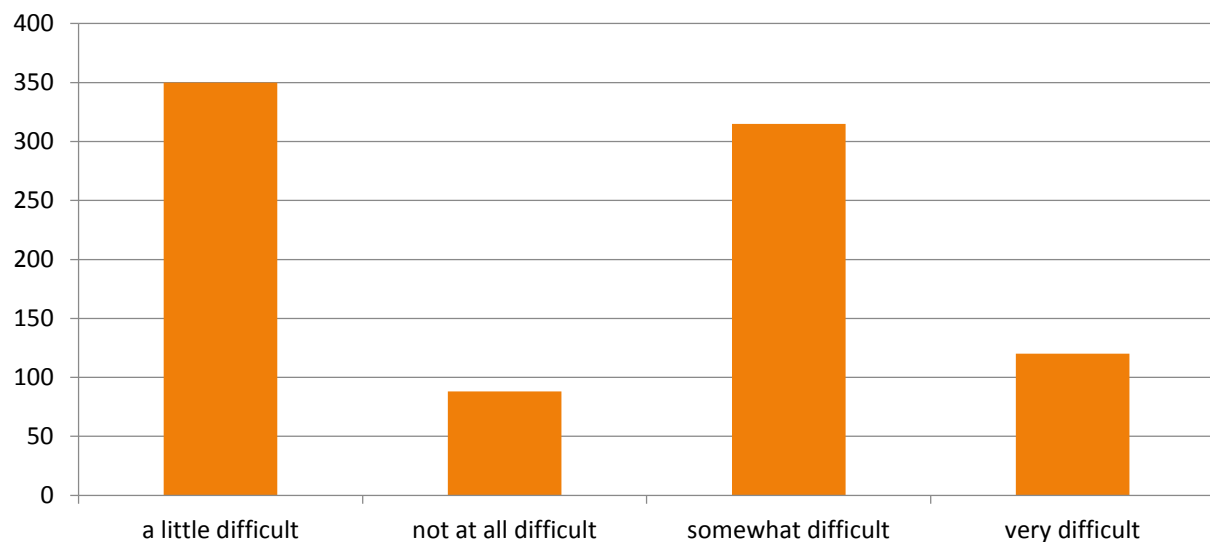
The following bar graphs illustrate the individual counts of responses for each common university challenge included in the summary table and figure above.



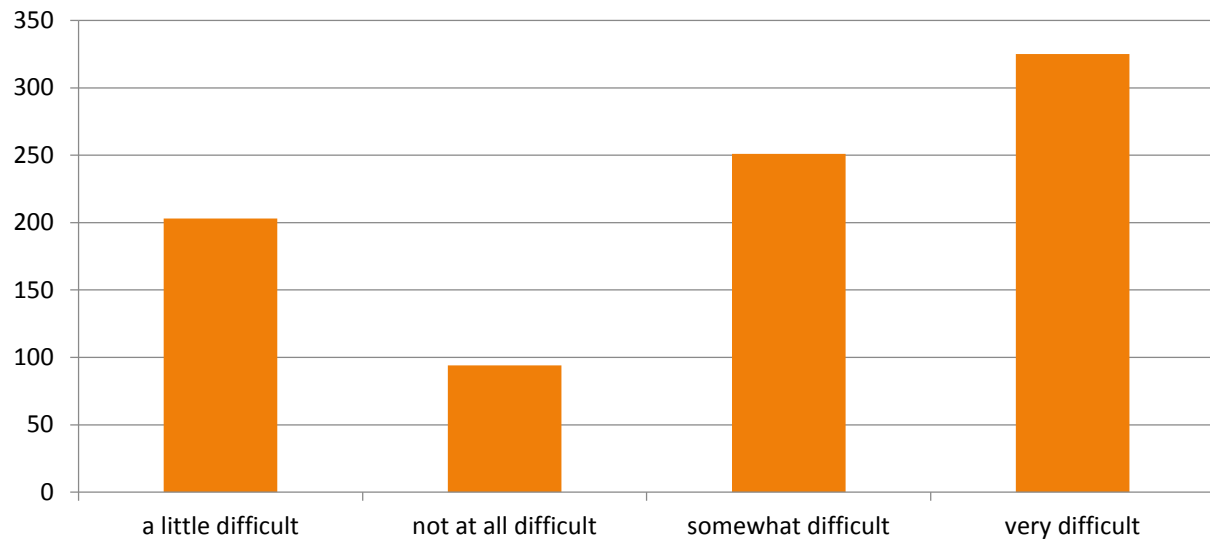
**During your first year at Murray State, how difficult do you expect the following to be?
[speaking in or in front of class]**



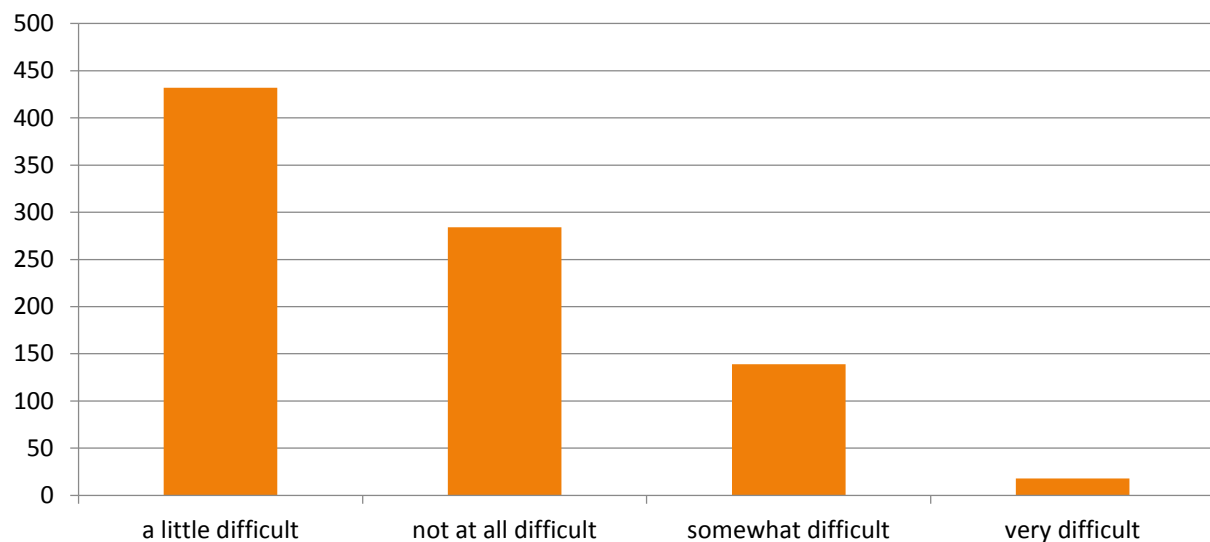
**During your first year at Murray State, how difficult do you expect the following to be?
[managing your time]**



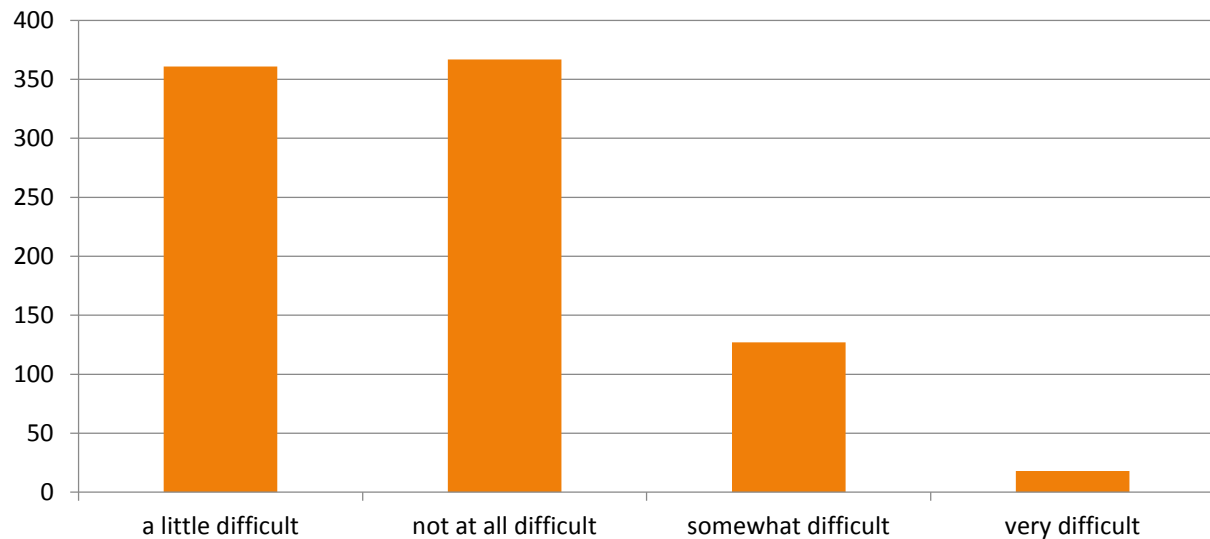
**During your first year at Murray State, how difficult do you expect the following to be?
[paying college expenses]**



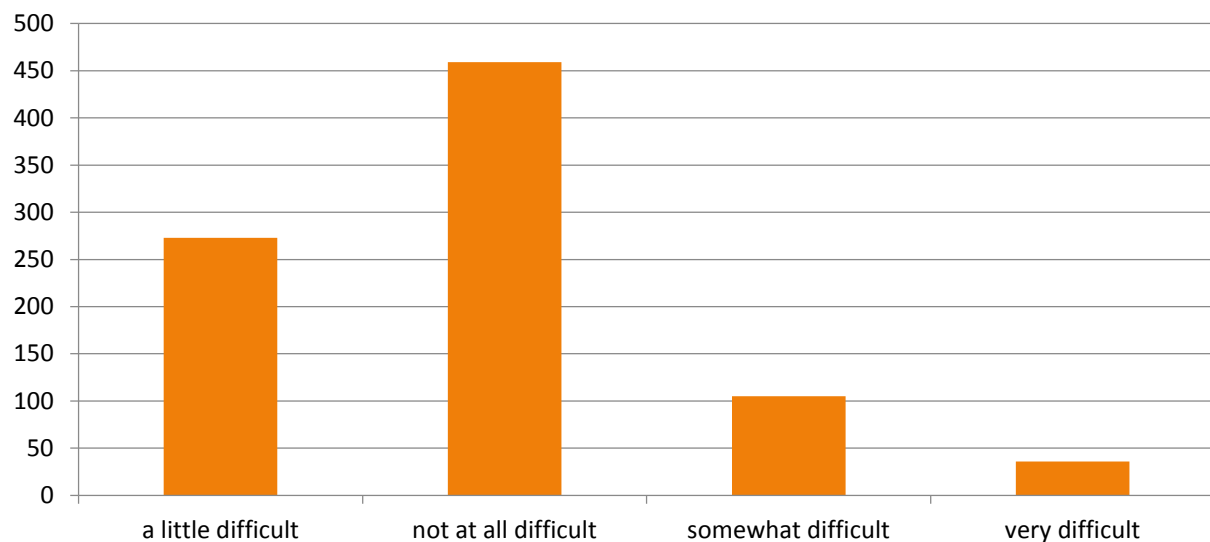
**During your first year at Murray State, how difficult do you expect the following to be?
[getting help with course work]**



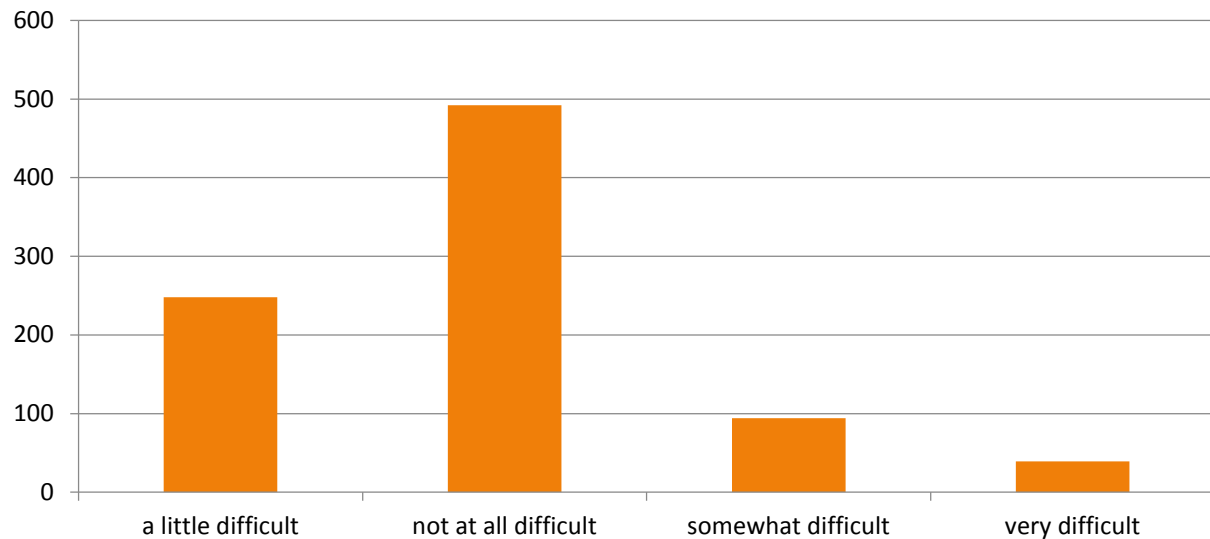
**During your first year at Murray State, how difficult do you expect the following to be?
[interacting with faculty]**



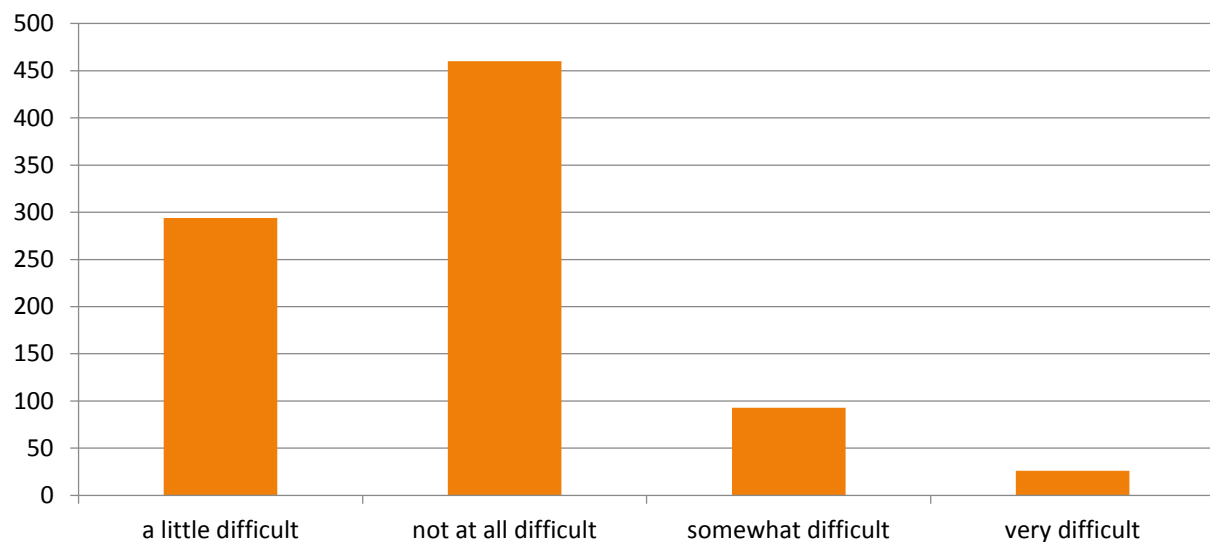
**During your first year at Murray State, how difficult do you expect the following to be?
[making new friends]**



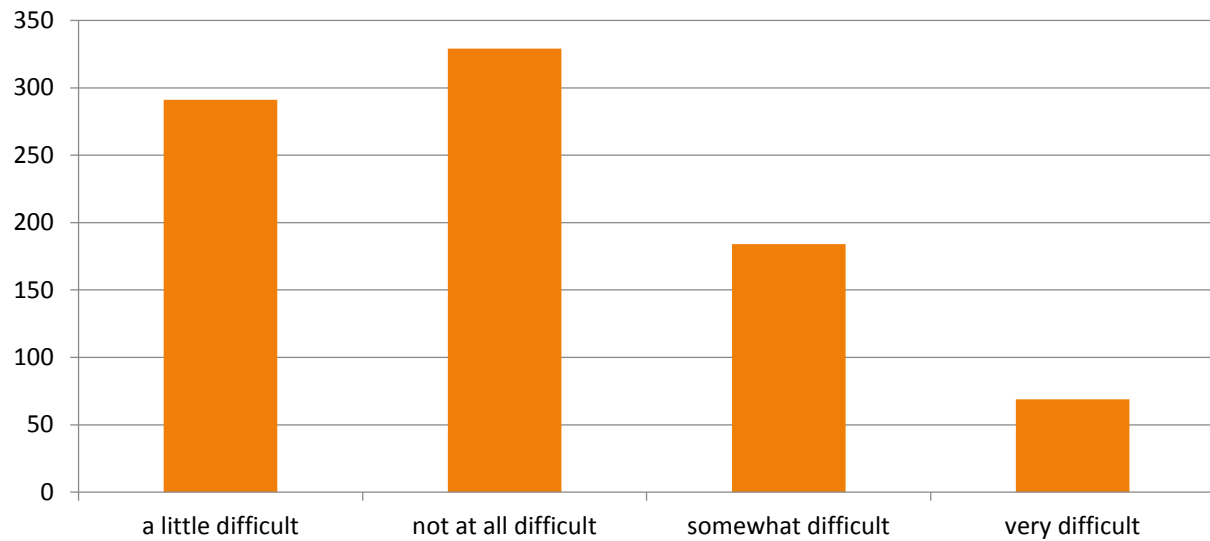
**During your first year at Murray State, how difficult do you expect the following to be?
[living on campus with a roommate]**



**During your first year at Murray State, how difficult do you expect the following to be?
[getting involved in campus activities]**

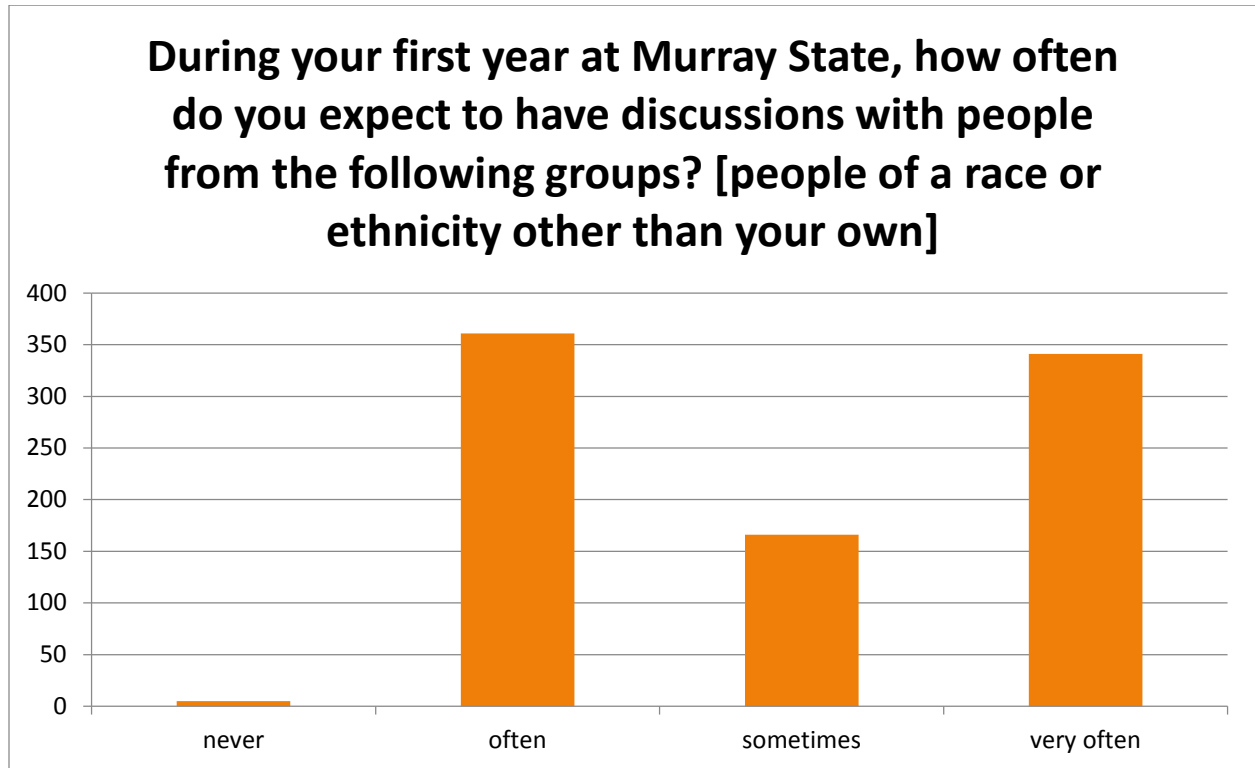


**During your first year at Murray State, how difficult do you expect the following to be?
[being away from home]**

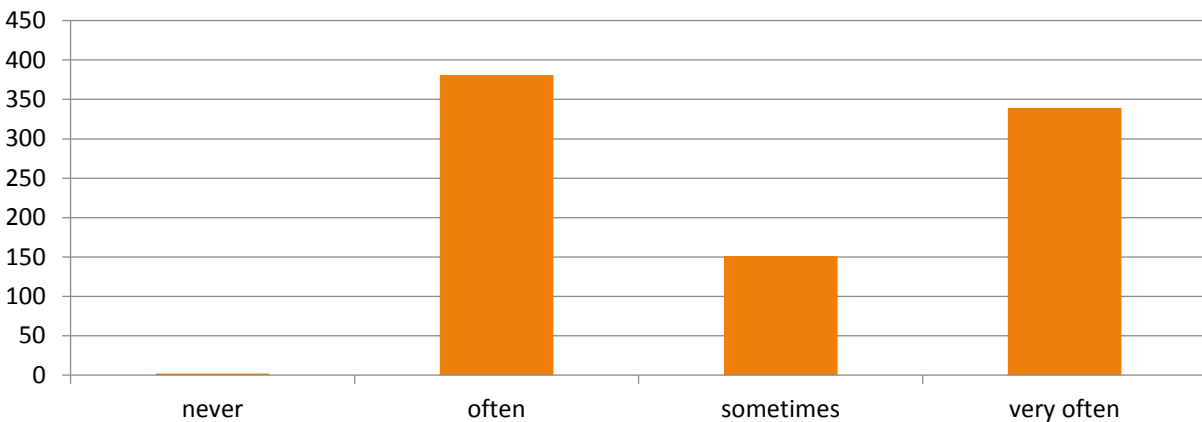


5.7 EXPECTATIONS OF DIVERSITY

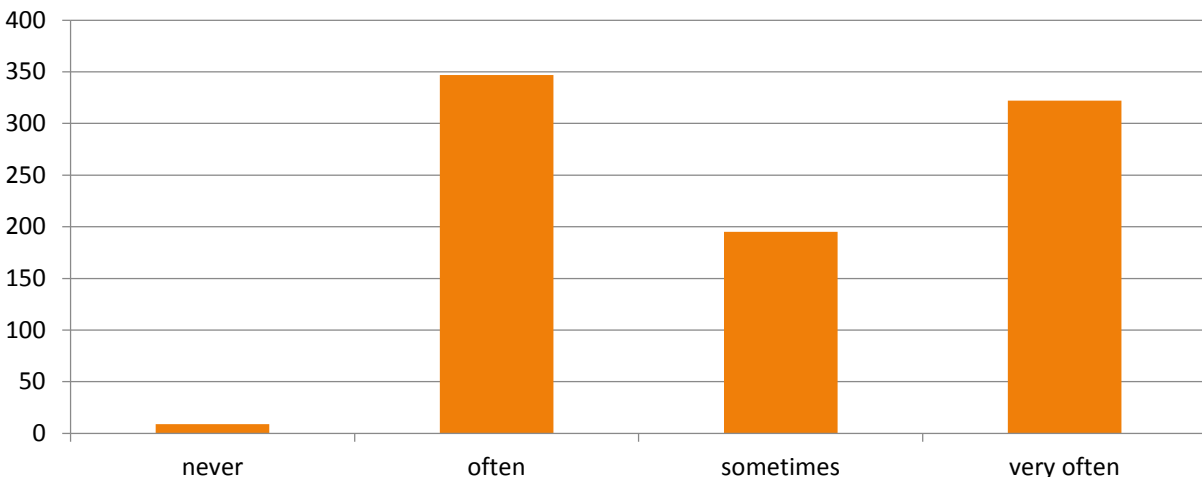
Respondents were asked about their expectations to engage with people from groups different from themselves in race and ethnicity, socioeconomic status, and religious and political beliefs. The majority of responses were “often” or “very often,” suggesting that incoming students expect that Murray State will offer them the opportunity to expand their horizons by engaging differing viewpoints.



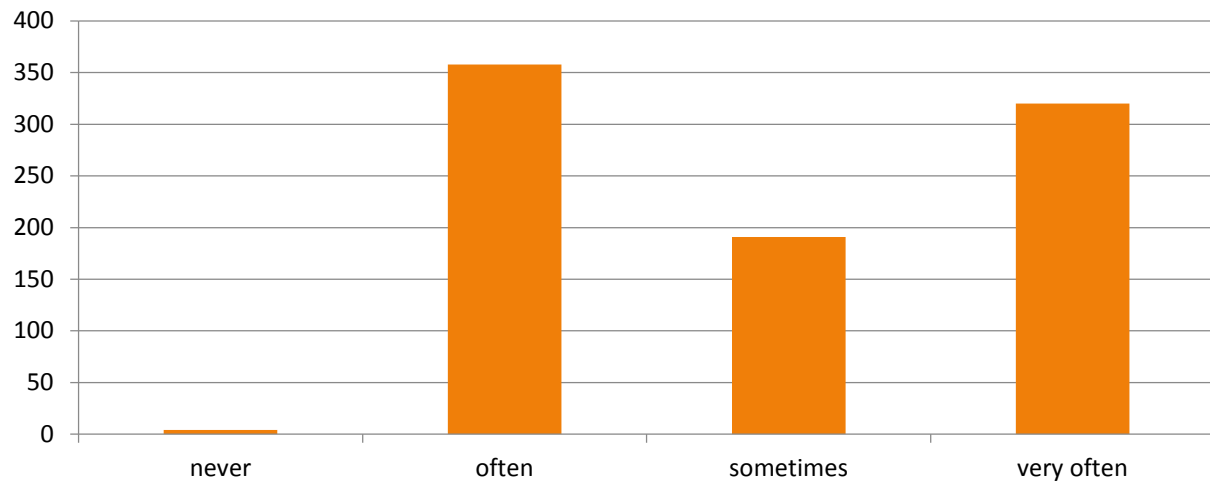
During your first year at Murray State, how often do you expect to have discussions with people from the following groups? [people from an economic or social background other than your own]



During your first year at Murray State, how often do you expect to have discussions with people from the following groups? [people with religious beliefs other than your own]



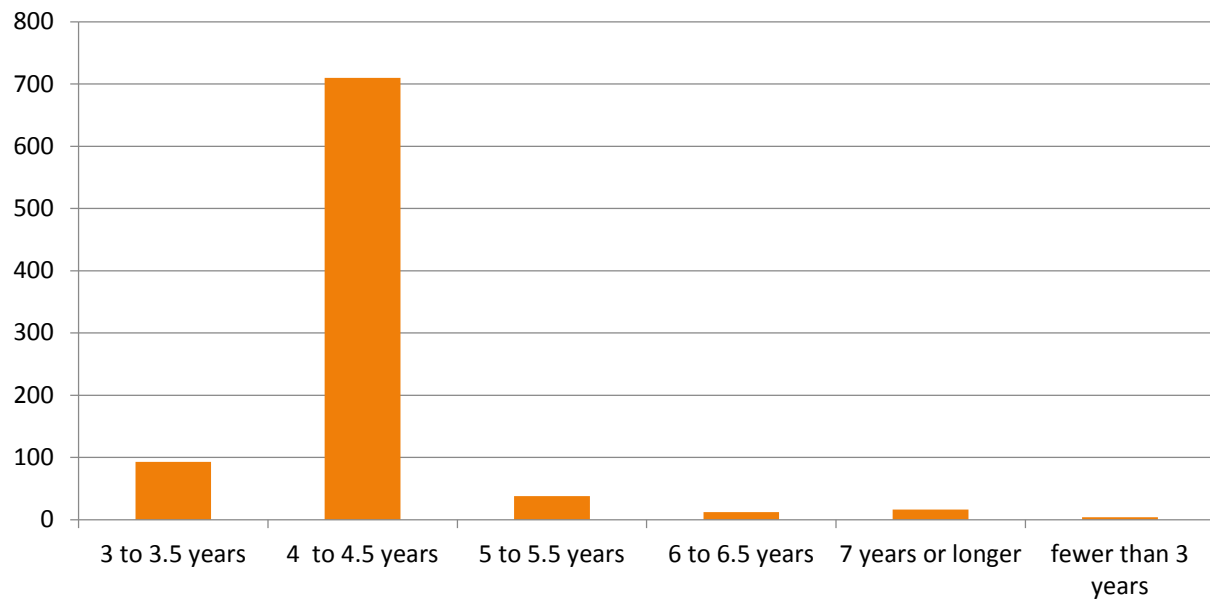
During your first year at Murray State, how often do you expect to have discussions with people from the following groups? [people with political views other than your own]



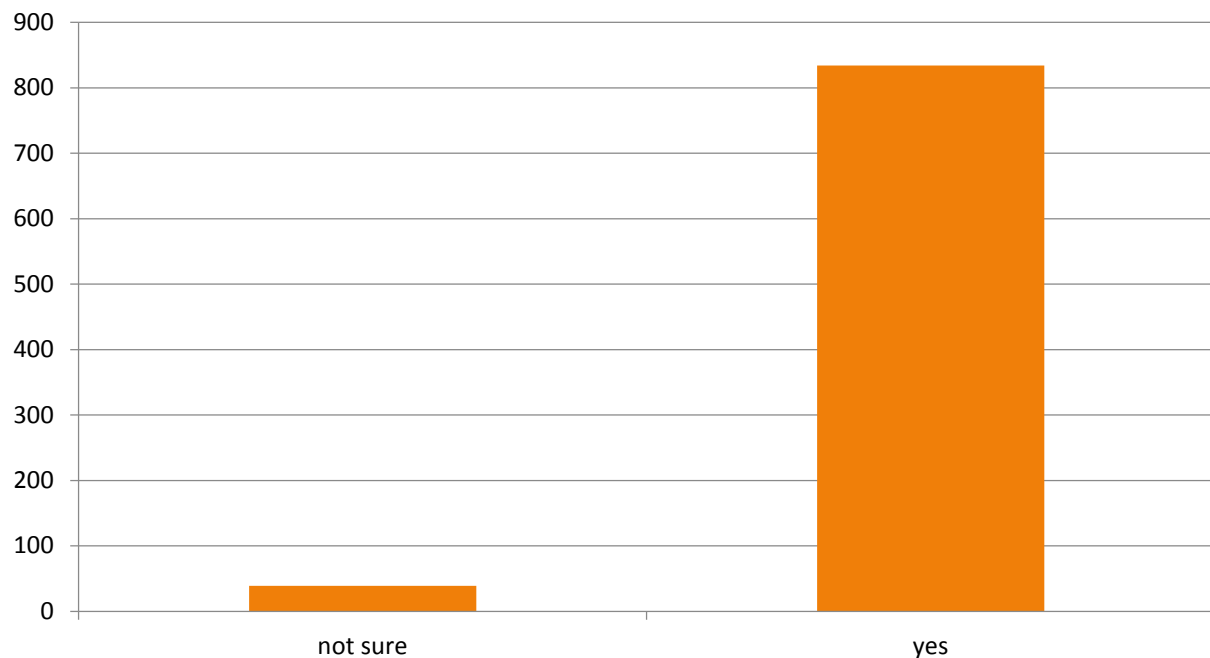
5.8 HOW QUICKLY THEY EXPECT TO GRADUATE

Most incoming freshmen (81.3%) expect to graduate within 4 to 4.5 years. 96.8% expect to graduate in 5.5 years or fewer. However, the graduation rate according to the National Center for Educational Statistics' most recent available data is 59 (57 at public institutions) percent (cohort beginning college Fall 2006). The graduation rate itself is defined as the number of students who complete their degree within six years, not four.

How long do you think it will take to earn your degree?

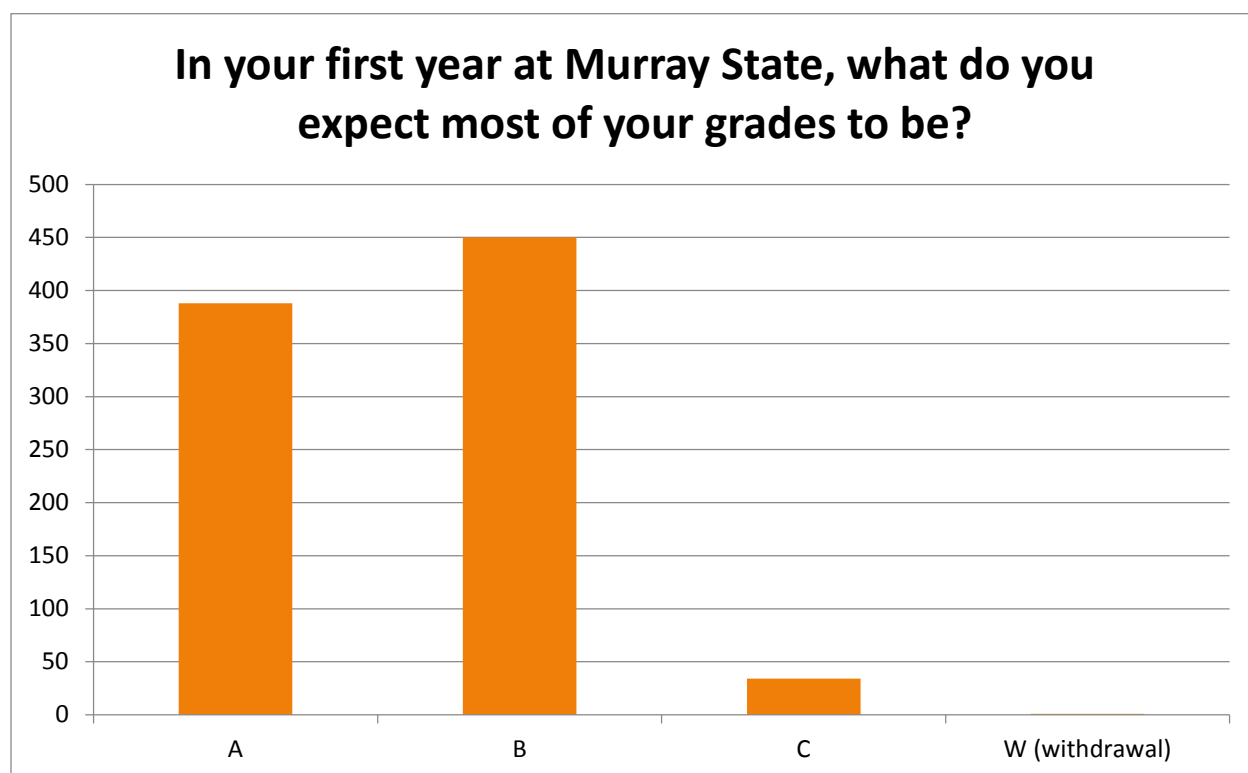


Do you expect to graduate from Murray State?



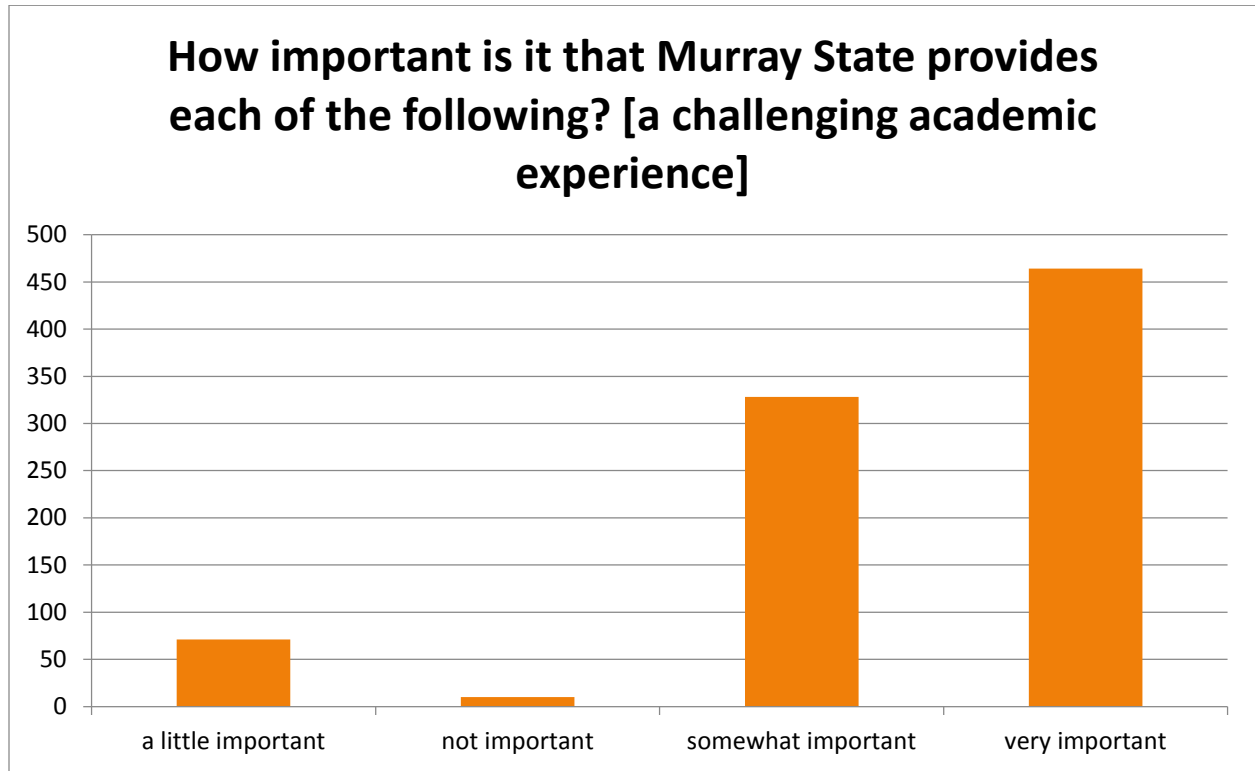
5.9 GRADES EXPECTED

Respondents predicted that most of their grades would be A's (44%) or B's (52%) in their first year at Murray State. The available options for students ranged from "W" and "E" to "A." Student high school GPA data seems pretty severely left-skew (presumably due to the common practice of extending the 4.0 scale to accommodate advanced placement classes). This noted, the mean GPA for our data set is 3.44 with a standard deviation of 0.55 and that less than 25% of respondents had a GPA at or below 3.0. Thus, we felt it safe to use this as a reasonable benchmark for unrealistic expectations in achieving mostly A's and B's. Even under these circumstances, 167 respondents (19.1%) expected to make mostly B's or higher while finishing high school with a 3.0 GPA.

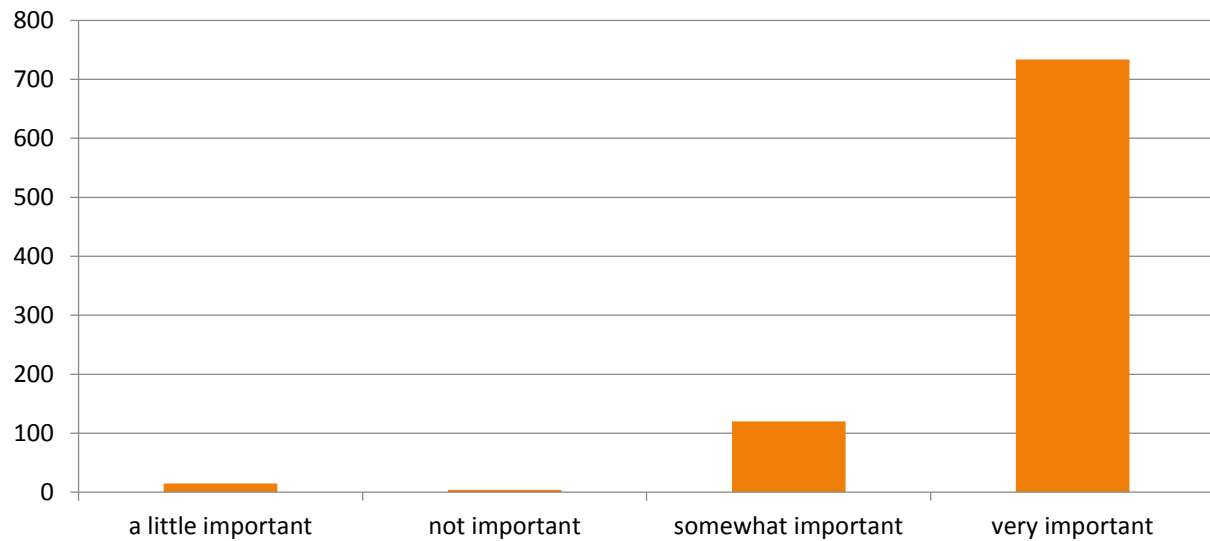


5.10 DESIRED ENVIRONMENTAL FACTORS AT MURRAY STATE UNIVERSITY

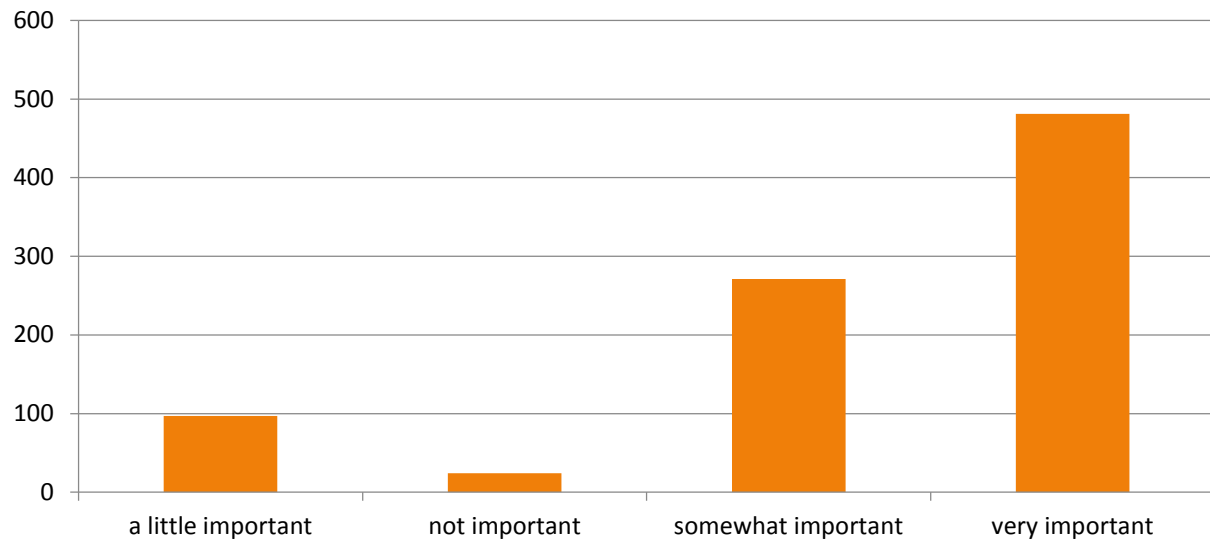
Respondents were asked whether certain climate or environmental factors were important to their expected Murray State experience. The following bar graphs illustrate the responses to each question. All of the factors except “help with managing nonacademic responsibilities” were primarily considered very important, and “help with managing nonacademic responsibilities” was primarily considered somewhat important. Respondents want Murray State to provide a challenging, engaging, and supportive environment that fosters academic and personal growth.



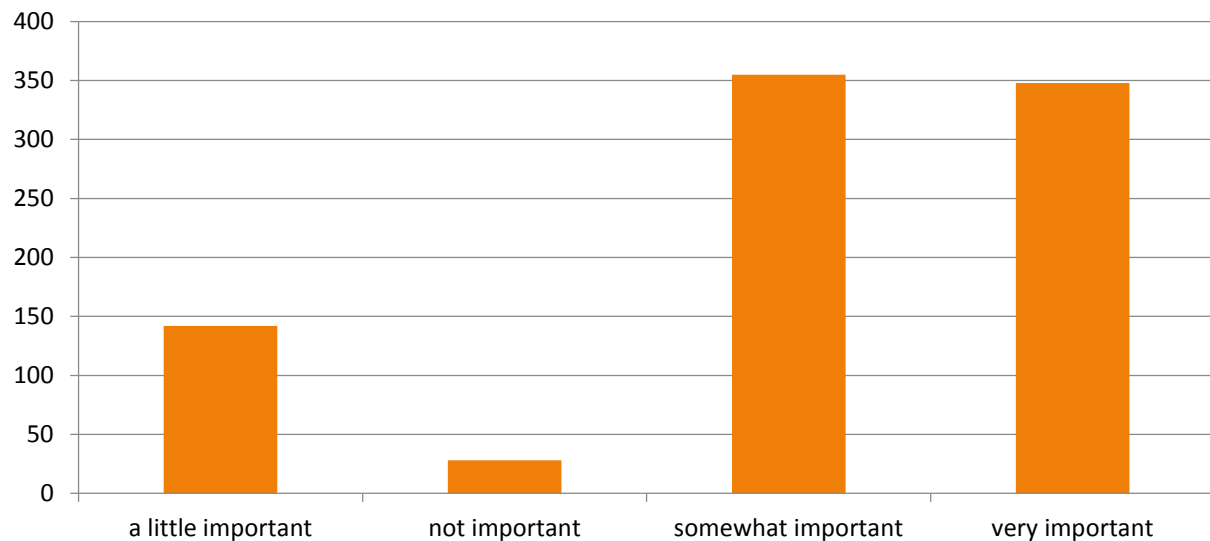
How important is it that Murray State provides each of the following? [support to help students succeed academically]



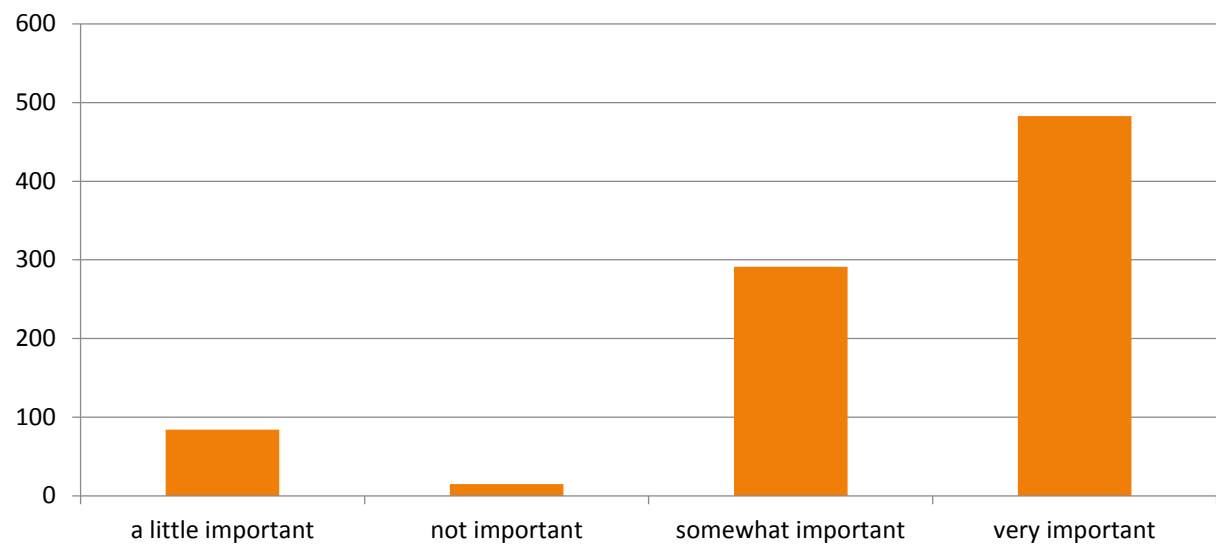
How important is it that Murray State provides each of the following? [opportunities to interact with people from different backgrounds]



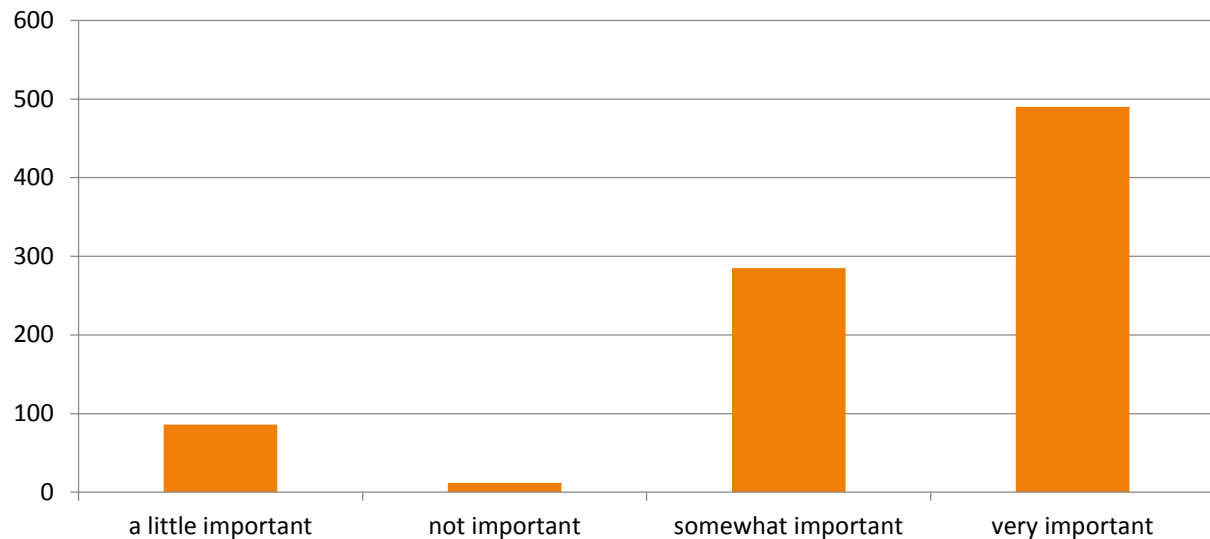
How important is it that Murray State provides each of the following? [help managing nonacademic responsibilities]



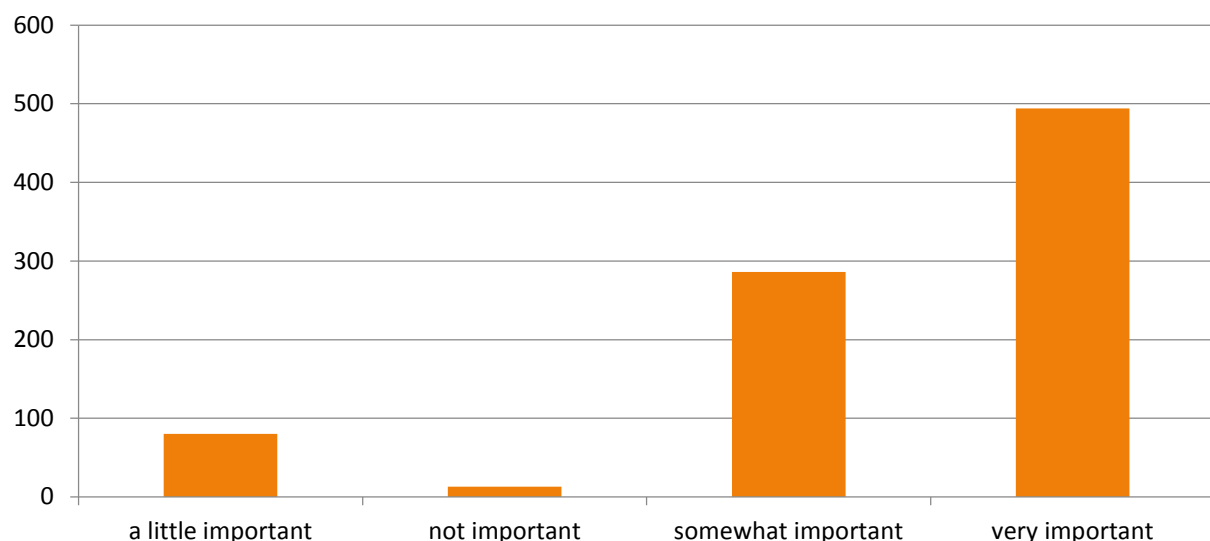
**How important is it that Murray State provides
each of the following? [opportunities to be
involved socially]**

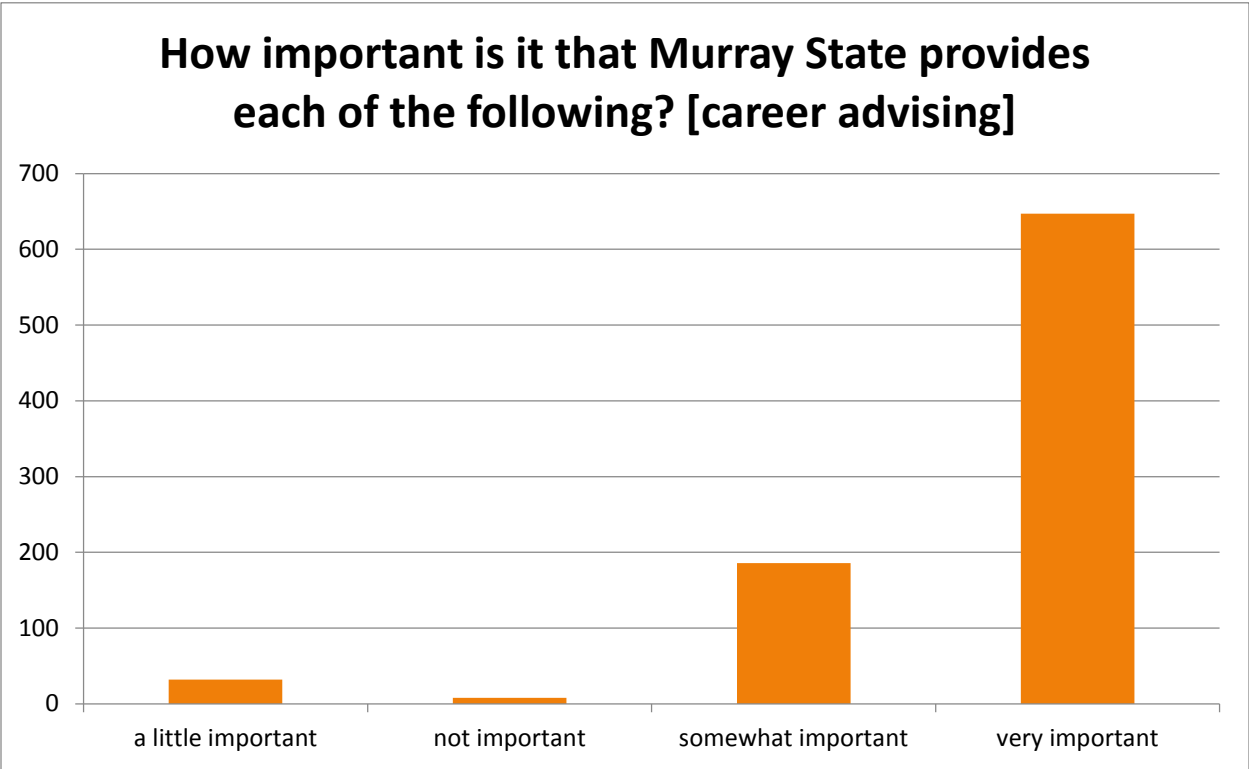
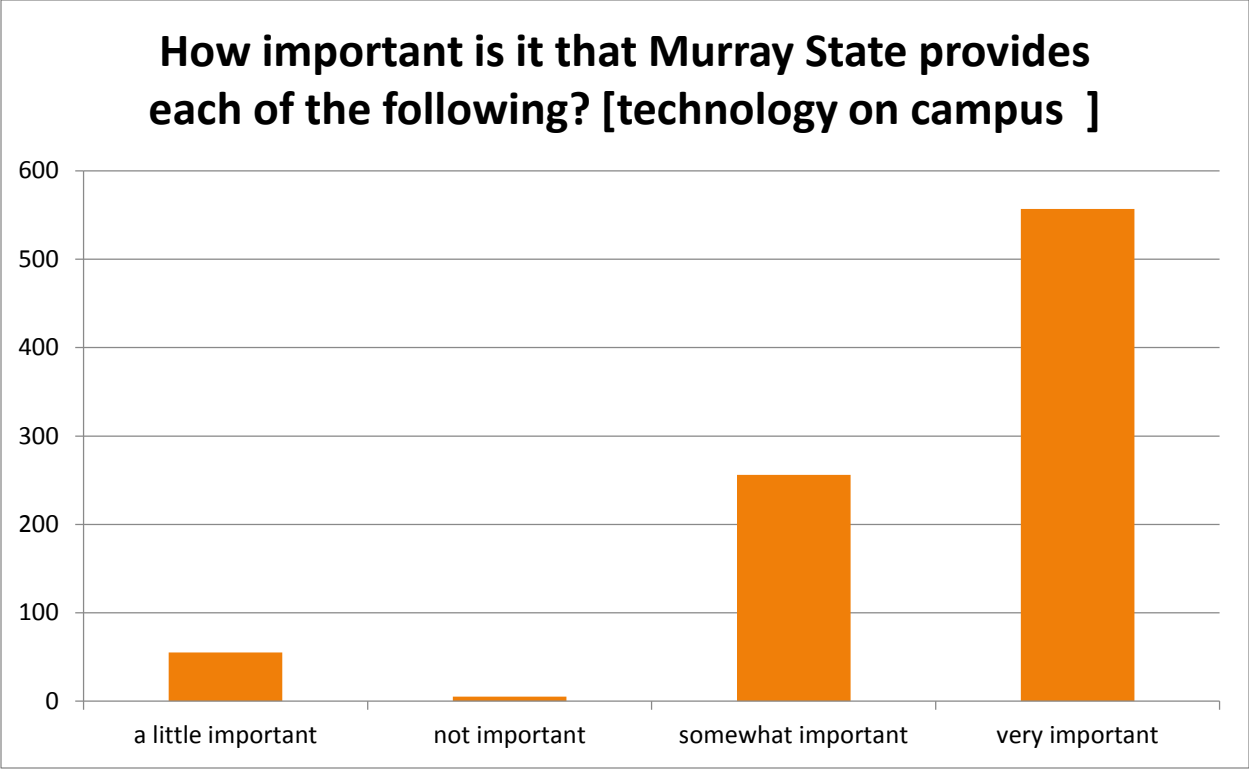


How important is it that Murray State provides each of the following? [opportunities to attend activities and events]

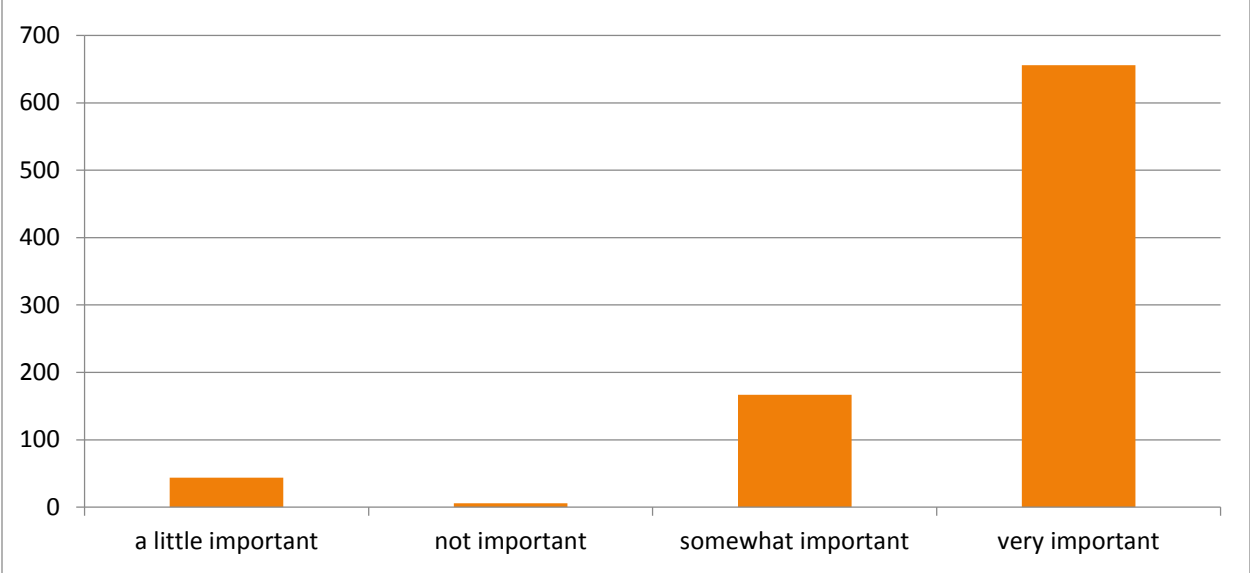


How important is it that Murray State provides each of the following? [learning support services]



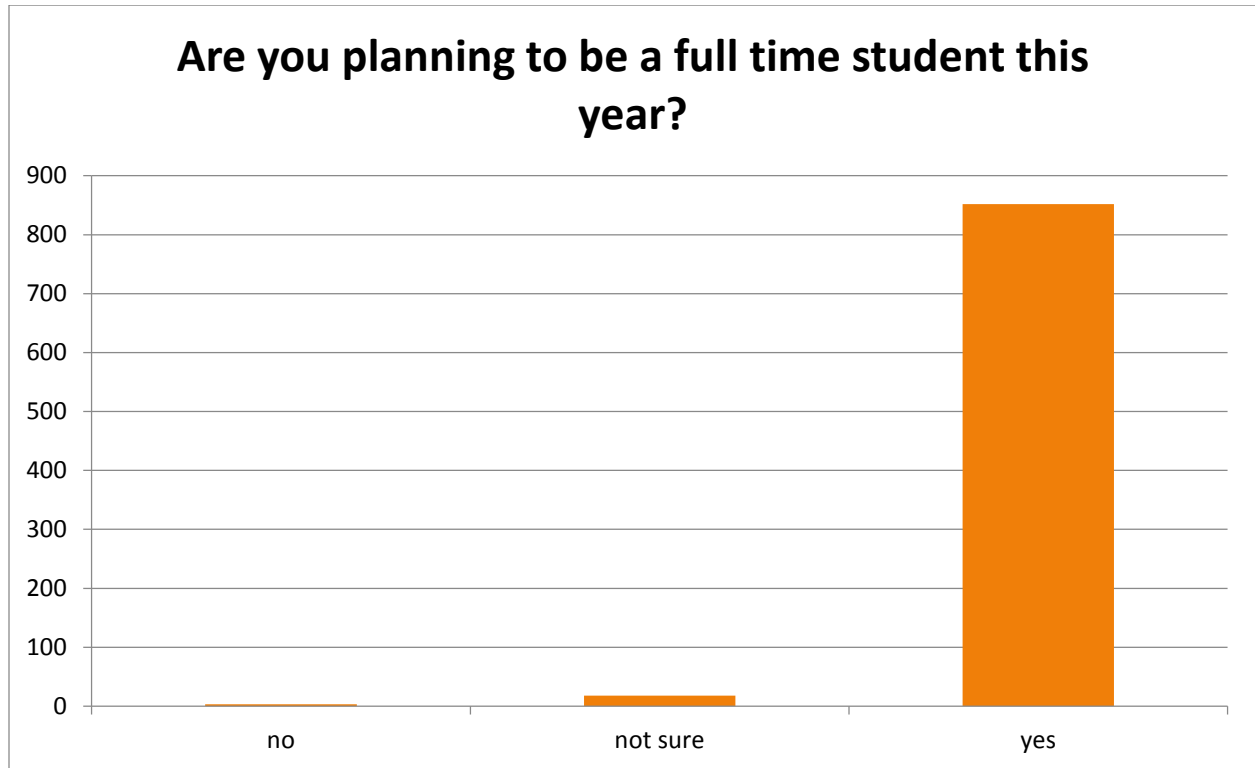


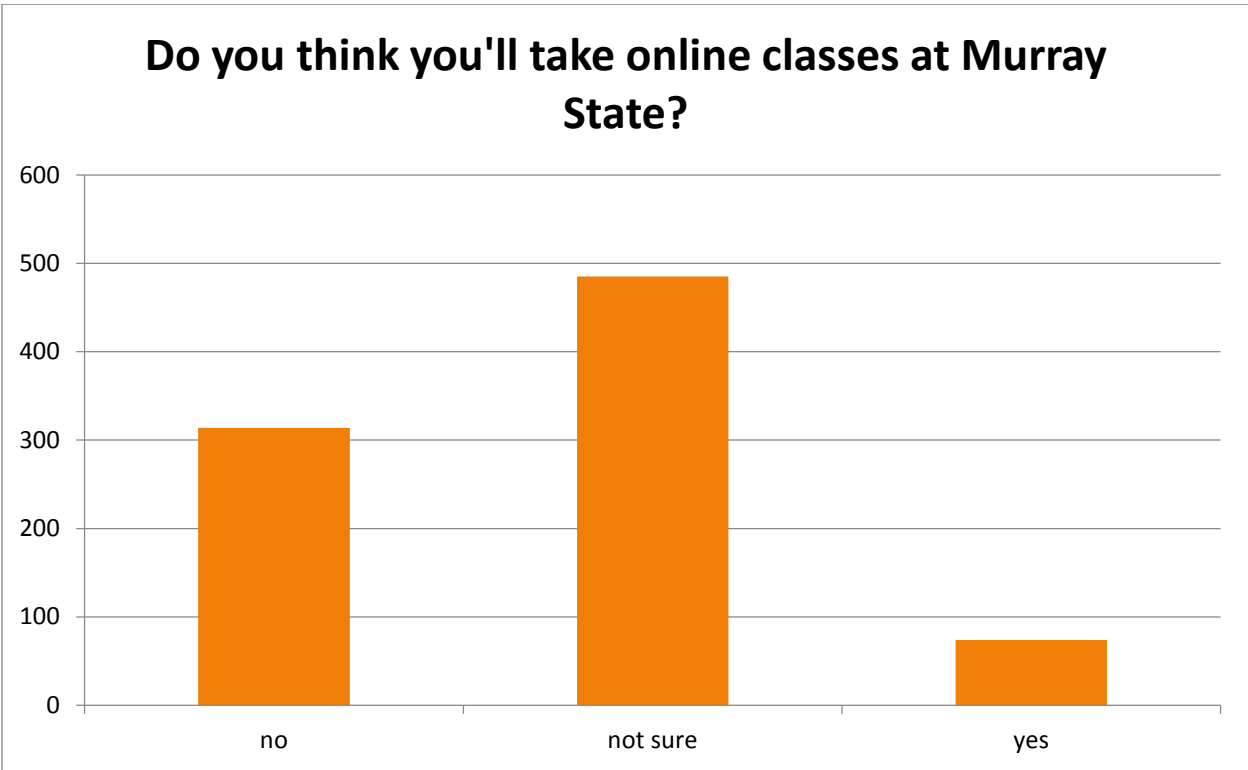
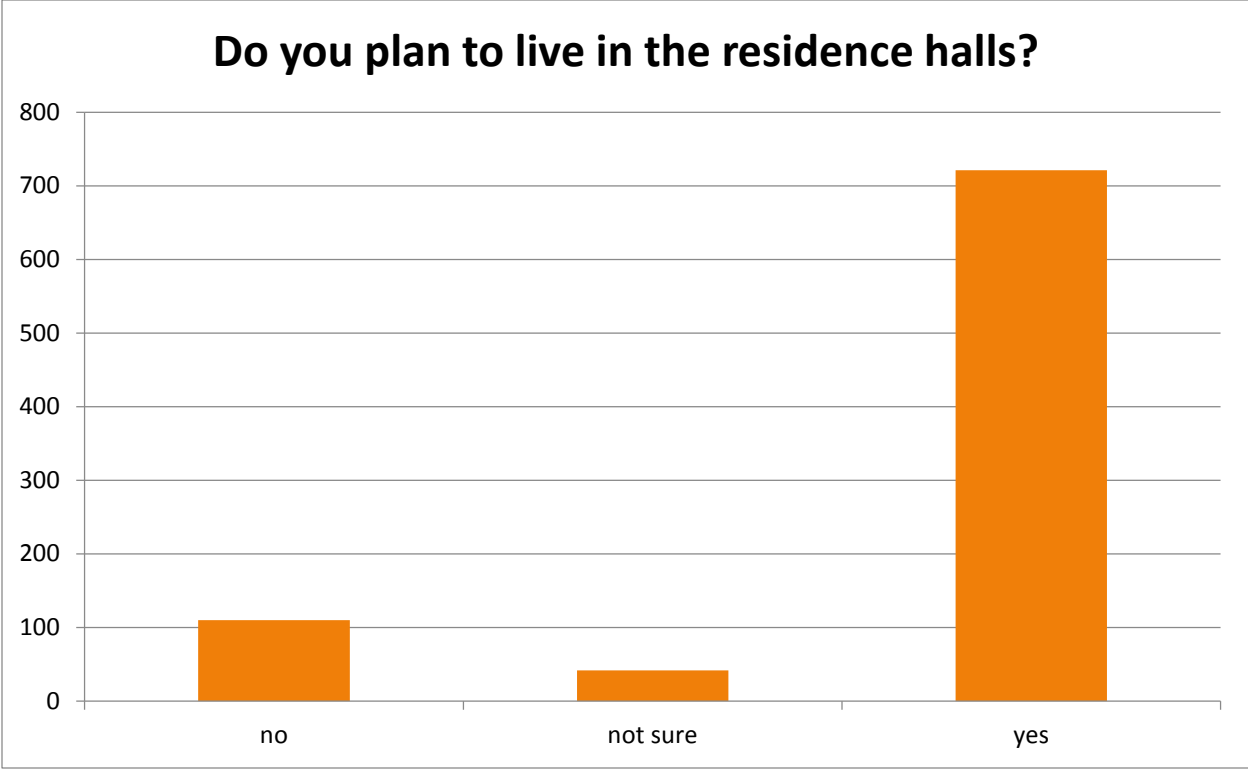
How important is it that Murray State provides each of the following? [internship, co-ops, and research opportunities]



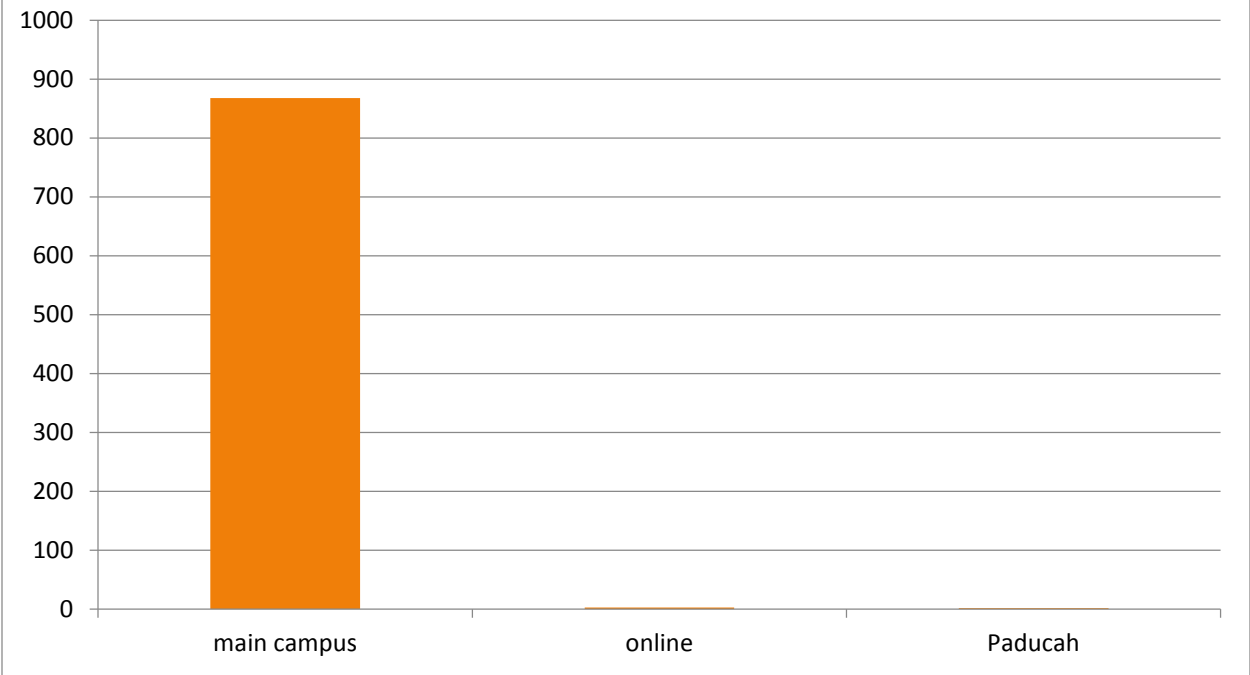
5.11 ATTENDANCE CHOICES

The majority of incoming students plan to attend full-time, enroll in classes on the main campus, and live in the residence halls. Most are unsure about registering for online classes.





Where will you take most of your classes?



6 APPENDICES

6.1 PERMANENT ZIP CODES

Permanent Zip Code	
08050	1
13045	1
15228	1
15469	1
17015	1
20653	1
20711	1
23238	1
23831	2
29721	1
30096	1
30518	1
32065	1
33614	1
34113	1
35022	1
35080	1
35211	1
35226	1
35405	1
35739	1
35748	1
35757	1
37010	1
37027	1
37040	1
37042	2
37043	2
37058	4
37064	1
37075	2
37087	2
37135	1
37143	1
37188	1
37211	1

37215	1
37604	1
37663	1
38012	1
38017	3
38018	1
38058	1
38060	1
38063	1
38080	1
38107	2
38114	1
38118	1
38119	1
38125	2
38127	1
38134	1
38135	1
38139	1
38141	2
38201	1
38222	1
38225	1
38230	1
38231	1
38237	1
38242	9
38251	3
38256	3
38257	1
38261	4
38301	1
38305	6
38313	1
38320	3
38321	1
38343	4
38356	1
38358	1
38637	1
40004	2

40006	1
40010	1
40011	2
40014	3
40020	1
40026	1
40031	8
40033	2
40047	1
40059	4
40065	2
40068	1
40071	3
40076	2
40104	1
40108	2
40109	1
40111	1
40118	2
40119	2
40142	3
40143	1
40144	1
40146	2
40157	2
40162	2
40165	8
40175	1
40205	4
40206	2
40214	2
40217	1
40218	1
40219	4
40220	4
40223	5
40229	2
40241	1
40243	1
40245	4
40272	3

40291	3
40299	6
40324	1
40330	1
40336	1
40342	1
40347	1
40356	1
40359	1
40376	1
40379	1
40383	2
40391	1
40422	1
40440	1
40456	1
40508	1
40511	1
40513	1
40514	1
40515	4
40601	3
41005	3
41008	2
41011	1
41015	2
41017	1
41018	1
41030	1
41045	1
41051	1
41071	1
41073	1
41094	1
41101	1
41230	2
41339	1
41701	2
42001	14
42002	2
42003	15

42006	1
42020	7
42021	3
42022	1
42023	2
42025	17
42027	1
42028	1
42029	4
42035	1
42036	1
42038	1
42039	2
42040	1
42041	2
42044	3
42047	1
42048	1
42049	4
42050	8
42051	3
42053	1
42054	2
42055	3
42056	3
42058	1
42064	7
42066	30
42069	3
42071	52
42076	2
42079	1
42081	1
42082	1
42086	2
42087	1
42088	4
42091	1
42101	1
42104	4
42141	1

42164	3
42167	3
42202	1
42204	1
42206	1
42211	20
42215	2
42216	1
42217	1
42220	2
42232	1
42234	1
42236	1
42240	8
42254	1
42256	4
42261	3
42266	1
42274	1
42276	6
42286	1
42301	6
42303	9
42323	2
42324	1
42330	3
42345	6
42348	1
42352	1
42366	3
42368	1
42378	1
42404	1
42406	1
42408	1
42410	1
42413	3
42420	14
42431	6
42436	1
42437	5

42442	1
42445	2
42450	2
42451	1
42452	3
42456	1
42458	1
42459	4
42461	1
42462	2
42464	2
42503	1
42701	1
42713	1
42721	1
42754	1
42784	1
42788	1
44320	1
45014	1
45036	1
45236	1
45242	1
46033	1
46038	1
46041	2
46074	1
46112	1
46150	1
46173	1
46180	1
46184	1
46205	1
46544	1
47118	1
47136	1
47360	2
47403	1
47516	1
47542	1
47546	2

47601	4
47610	1
47613	1
47620	6
47630	10
47633	1
47635	1
47639	1
47710	1
47712	2
47715	3
47720	1
47725	4
47905	1
48183	1
49009	1
53590	1
54819	1
60010	2
60012	1
60046	1
60126	1
60142	2
60415	1
60450	1
60502	1
60516	1
60585	1
61111	1
61732	1
61843	1
61853	1
61944	1
61949	1
61951	1
62010	1
62025	2
62040	1
62095	1
62208	1
62215	1

62220	3
62221	1
62223	1
62225	1
62230	1
62236	1
62237	1
62246	1
62249	2
62258	2
62260	2
62275	1
62280	1
62281	1
62294	3
62298	3
62401	1
62411	1
62458	1
62526	2
62563	1
62565	1
62612	1
62656	1
62711	2
62801	1
62812	1
62821	3
62825	1
62830	1
62832	1
62837	1
62848	1
62863	1
62864	3
62893	1
62898	1
62906	3
62912	1
62918	1
62931	2

62935	1
62946	3
62952	1
62959	3
62960	2
62979	1
62983	1
62988	1
63011	4
63012	1
63017	1
63020	1
63021	2
63026	3
63033	1
63040	2
63042	1
63043	1
63044	1
63050	1
63070	1
63109	1
63112	1
63114	1
63122	1
63126	1
63130	1
63132	1
63133	1
63136	1
63139	1
63301	1
63303	1
63334	1
63341	1
63366	1
63367	1
63368	3
63376	1
63730	1
63732	1

63740	1
63751	1
63775	2
63801	2
63841	2
63845	1
63901	1
65201	1
65721	3
76013	1
76052	2
76123	1
77056	1
77401	1
78748	1
89015	1
96799	1
Grand Total	872

6.2 COUNTY FROM WHICH STUDENTS WERE ADMITTED

ADMIT COUNTY	
AK - Fairbanks North Star	1
AL - Fayette	1
AL - Jefferson	2
AL - Madison	3
AL - Shelby	1
AL - Tuscaloosa	1
AR - Clay	1
AS - Rose Island	1
AZ - Coconino	1
FL - Clay	1
FL - Collier	1
GA - Gwinnett	2
IL - Alexander	1
IL - Bond	1
IL - Cass	1
IL - Champaign	2
IL - Clinton	2
IL - Cook	2
IL - DuPage	3
IL - Edgar	2
IL - Effingham	3
IL - Franklin	3
IL - Gallatin	2
IL - Grundy	1
IL - Hardin	2
IL - Jefferson	5
IL - Johnson	1
IL - Lake	2
IL - Logan	1
IL - Macon	2
IL - Madison	12
IL - Marion	2

IL - Massac	2
IL - McHenry	3
IL - McLean	1
IL - Monroe	4
IL - Moultrie	1
IL - Perry	1
IL - Randolph	2
IL - Saint Clair	4
IL - Saline	4
IL - Sangamon	3
IL - Shelby	1
IL - St. Clair	7
IL - Union	4
IL - Wabash	1
IL - Washington	1
IL - Wayne	1
IL - White	3
IL - Will	1
IL - Williamson	4
IL - Winnebago	1
IN - Clinton	2
IN - Crawford	1
IN - Dubois	3
IN - Gibson	1
IN - Hamilton	3
IN - Harrison	1
IN - Hendricks	1
IN - Johnson	1
IN - Knox	1
IN - Marion	1
IN - Monroe	1
IN - Morgan	1
IN - Posey	7
IN - Rush	2
IN - Spencer	1
IN - St. Joseph	1
IN - Tippecanoe	1
IN - Vanderburgh	13
IN - Warrick	18

KY - Allen	3
KY - Anderson	2
KY - Ballard	6
KY - Barren	1
KY - Boone	2
KY - Boyd	2
KY - Boyle	2
KY - Breathitt	1
KY - Breckinridge	7
KY - Bullitt	10
KY - Butler	3
KY - Caldwell	3
KY - Calloway	67
KY - Campbell	2
KY - Carlisle	5
KY - Carroll	4
KY - Christian	15
KY - Clark	2
KY - Crittenden	6
KY - Daviess	20
KY - Estill	1
KY - Fayette	8
KY - Franklin	3
KY - Fulton	10
KY - Grant	1
KY - Graves	46
KY - Grayson	3
KY - Hancock	1
KY - Hardin	5
KY - Henderson	19
KY - Henry	3
KY - Hopkins	14
KY - Jefferson	48
KY - Jessamine	1
KY - Kenton	8
KY - Larue	1
KY - Lawrence	2
KY - Livingston	3
KY - Logan	12
KY - Lyon	3
KY - Marion	2

KY - Marshall	27
KY - McCracken	34
KY - McLean	1
KY - Meade	8
KY - Mercer	1
KY - Monroe	3
KY - Muhlenberg	14
KY - Nelson	2
KY - Oldham	16
KY - Perry	2
KY - Powell	1
KY - Pulaski	1
KY - Rockcastle	1
KY - Scott	2
KY - Shelby	4
KY - Spencer	3
KY - Todd	5
KY - Trigg	20
KY - Union	10
KY - Warren	6
KY - Webster	4
KY - Woodford	3
MD - Anne Arundel	1
MD - St. Mary's	1
MI - Allegan	1
MI - Kalamazoo	1
MI - Wayne	1
MO - Bollinger	1
MO - Boone	1
MO - Butler	1
MO - Christian	2
MO - Desoto	1
MO - Jefferson	4
MO - Mississippi	1
MO - Ozark	1
MO - Perry	3
MO - Pike	1
MO - Scott	2

MO - St. Charles	9
MO - St. Louis	23
MO - St. Louis (city)	3
MO - Stoddard	3
MO - Stone	1
NJ - Ocean	1
NV - Clark	1
NY - Cortland	1
OH - Butler	2
OH - Hamilton	2
PA - Allegheny	1
PA - Cumberland	1
PA - Fayette	1
SC - Lancaster	1
TN - Benton	3
TN - Carroll	2
TN - Crockett	2
TN - Davidson	3
TN - Fayette	1
TN - Gibson	3
TN - Henry	14
TN - Lake	1
TN - Lauderdale	1
TN - Madison	10
TN - Montgomery	5
TN - Obion	5
TN - Robertson	1
TN - Shelby	17
TN - Stewart	4
TN - Sullivan	2
TN - Sumner	2
TN - Tipton	1
TN - Washington	1
TN - Weakley	3

TN - Williamson	3
TN - Wilson	2
TX - Dallas	1
TX - Harris	1
TX - Houston	1
TX - Tarrant	3
TX - Travis	1
UT - Salt Lake	1
VA - Chesterfield	2
VA - Henrico	1
WI - Dane	1
WI - Rusk	1
Grand Total	872

6.3 ACT ENGLISH SUBSCORES

ACTENG	
11	2
12	3
13	3
14	11
15	17
16	26
17	31
18	38
19	50
20	83
21	75
22	58
23	70
24	50
25	64
26	39
27	31
28	46
29	26
30	25
31	27
32	24
33	19
34	18
35	12
36	3
Grand Total	851

6.4 ACT MATHEMATICS SUBSCORES

ACTMAT	
13	2
14	2
15	14
16	52
17	83
18	77
19	61
20	33
21	47
22	64
23	76
24	62
25	81
26	69
27	41
28	37
29	14
30	16
31	7
32	2
33	7
34	1
35	2
36	1
Grand Total	851

6.5 ACT READING SUBSCORES

ACTREA	
11	1
13	1
14	9
15	11
16	22
17	38
18	29
19	51
20	47
21	83
22	70
23	71
24	47
25	41
26	39
27	43
28	38
29	41
30	39
31	30
32	35
33	28
34	16
35	11
36	10
Grand Total	851

6.6 ACT SCIENCE

ACTSCR score	
12	3
13	3
14	7
15	7
16	17
17	20
18	23
19	55
20	88
21	83
22	95
23	72
24	71
25	87
26	59
27	44
28	24
29	27
30	16
31	13
32	14
33	4
34	10
35	4
36	3
Grand Total	849

6.7 ACT COMPOSITE

ACTCOM	
15	6
16	18
17	26
18	68
19	84
20	77
21	72
22	78
23	65
24	65
25	58
26	55
27	47
28	44
29	25
30	27
31	14
32	13
33	5
34	2
35	1
36	1
Grand Total	851

6.8 SAT VERBAL SCORE

SATVER	
No SAT Score	784
200	1
340	1
380	2
390	4
400	3
410	2
420	5
430	5
440	1
450	5
460	3
470	7
480	2
490	2
500	2
510	5
520	6
530	3
540	2
550	2
560	4
570	4
580	2
590	2
600	2
610	1
630	2
640	1
650	1
660	1
670	1
720	1
740	1
800	1
Grand Total	871

6.9 SAT MATHEMATICS SCORE

SATMAT	
No SAT Score	784
310	1
330	2
360	2
370	2
400	1
410	1
420	3
430	2
440	5
450	4
460	8
470	5
480	2
490	4
500	5
510	2
520	3
530	6
540	3
550	2
560	3
570	2
580	3
590	1
600	2
610	1
620	3
630	3
660	2
680	1
690	1
740	2
Grand Total	871

6.10 HIGH SCHOOL GPA

High School GPA	
1.75	1
1.78	2
1.88	1
1.90	1
1.91	1
1.92	1
2.06	1
2.07	1
2.08	1
2.13	1
2.14	2
2.16	1
2.17	1
2.19	1
2.21	3
2.23	1
2.24	1
2.25	2
2.26	1
2.27	3
2.28	2
2.30	2
2.33	2
2.34	1
2.35	4
2.36	1
2.37	1
2.38	1
2.39	1
2.40	3
2.43	2
2.44	1
2.46	1
2.47	2
2.48	3
2.49	2
2.50	1
2.51	1
2.52	4

2.53	1
2.54	1
2.55	2
2.57	4
2.58	4
2.59	3
2.61	2
2.62	3
2.63	3
2.64	2
2.65	1
2.66	3
2.68	1
2.69	2
2.70	4
2.71	2
2.72	1
2.73	1
2.74	1
2.75	1
2.76	3
2.77	5
2.78	1
2.79	2
2.80	2
2.81	4
2.82	3
2.83	3
2.84	2
2.85	1
2.86	4
2.87	1
2.88	2
2.89	4
2.90	3
2.91	4
2.92	2
2.93	3
2.94	1
2.95	5
2.96	6

2.97	3
2.98	3
2.99	1
3.00	12
3.01	5
3.02	5
3.03	1
3.04	3
3.05	2
3.06	6
3.07	8
3.08	4
3.09	1
3.10	6
3.11	4
3.12	5
3.13	4
3.14	5
3.15	6
3.16	5
3.17	4
3.18	3
3.19	3
3.20	8
3.21	3
3.22	4
3.23	6
3.24	5
3.25	4
3.26	4
3.27	4
3.28	2
3.29	5
3.30	9
3.31	6
3.32	6
3.33	9
3.34	6
3.35	3
3.36	5
3.37	2

3.38	7
3.39	4
3.40	9
3.41	4
3.42	10
3.43	6
3.44	1
3.45	7
3.46	3
3.47	3
3.48	7
3.49	2
3.50	13
3.51	3
3.52	6
3.53	6
3.54	7
3.55	3
3.56	5
3.57	7
3.58	3
3.59	8
3.60	7
3.61	7
3.62	6
3.63	9
3.64	4
3.65	6
3.66	7
3.67	2
3.68	5
3.69	10
3.70	11
3.71	6
3.72	6
3.73	5
3.74	4
3.75	12
3.76	4
3.77	3
3.78	8

3.79	4
3.80	5
3.81	8
3.82	8
3.83	1
3.84	9
3.85	4
3.86	4
3.87	11
3.88	7
3.89	3
3.90	8
3.91	6
3.92	8
3.93	7
3.94	5
3.95	10
3.96	8
3.97	6
3.98	4
4.00	37
4.02	5
4.03	5
4.04	8
4.05	3
4.06	1
4.07	3
4.08	5
4.09	4
4.10	6
4.11	3
4.12	3
4.13	2
4.14	2
4.15	3
4.16	3
4.17	4
4.19	2
4.20	3
4.21	4
4.22	1

4.23	1
4.24	2
4.25	5
4.26	1
4.28	4
4.32	2
4.33	2
4.35	1
4.37	2
4.38	2
4.39	1
4.42	1
4.47	1
4.48	1
4.52	1
4.53	1
4.72	1
4.78	1
4.81	1
4.90	1
4.97	1
5.05	1
Grand Total	868

6.11 MAJOR DECLARED

Major Declared	
Accounting	16
Accounting/Finance	6
Agr Science & Technology	1
Agr Science/Agr Systems Tech	5
Agr Science/Agribusiness	13
Agr Science/Agricultural Edu	11
Agr Science/AgriScience Tech	2
Agr Science/Horticulture	1
Agricultural Science	8
Agricultural Science/Agronomy	7
Animal Tech/Animal/Equine	22
Animal Tech/Vet Tech/Pre-Vet	42
Animal Tech/Veterinary Tech	20
Applied Physics	1
Art/Studio Art	6
Art/Teaching Certification	2
Athletic Training	8
Biology	13
Biology/Biomedical Science	5
Biology/Fisheries/Aquatic Bio	4
Biology/Molecular Biology	1
Biology/Pre-Dental	7
Biology/Pre-Medical	29
Biology/Pre-Optometry	1
Biology/Pre-Physical Therapy	7
Biology/Pre-Physician Asst	1
Biology/Secondary Cert	1
Business Administration	6
Business Administration (mjr)	11
CET/Architectural Engr Tech	1
CET/Construction Engr Tech	2
CET/Environmental Engr Tech	1
Chemistry	6
Chemistry (area)	1
Chemistry/Biochemistry	3
Chemistry/Forensics	3
Chemistry/Pre-Dental	1
Chemistry/Pre-Medical	5
Chemistry/Pre-Pharmacy	6

Chemistry/Secondary Cert	1
Civil Engineering Technology	2
Communication Disorders	13
Computer Information Systems	8
Computer Science	5
Computer Science (area)	5
Criminal Justice	13
CTE/Business & Marketing Ed	4
CTE/Family & Consumer Sci Ed	2
CTE/Industrial Education	1
Economics	1
Economics/Social Studies Cert	1
Electromechanical Engr Tech	1
Elementary Education	45
Engineering Graphics & Design	2
Engineering Physics	10
Engineering Physics/Secondary	3
English Ed/Secondary Cert	4
English Ed/TESOL (P-12)	3
English/Creative Writing	4
English/Literature	1
English/Literature (area)	1
Exercise Sci/Pre-Hlth Profnl	13
Exercise Sci/Wellness	4
General Studies	1
Geoscience/Earth Science	3
German	1
Graphic Communications Media	6
Health & Physical Education	6
History	8
History/Social Studies Cert	6
Industrial Technology	1
Interdis Early Childhood Edu	6
Interior Design	3
International Business	2
International Studies	2
Japanese	5
Journalism	5
Learning & Behavior Dis/Elem	5
Learning & Behavior Dis/Middle	6
Liberal Arts	1

Management	4
Management/Entrepreneurship	1
Management/Human Resources	1
Marketing	6
Marketing/Entrepreneurship	1
Mathematics	3
Mathematics/Applied Math	2
Mathematics/Sec Cert (major)	4
Mathematics/Secondary Cert	1
Middle School Education	8
Middle School Education-1 spec	7
Music	1
Music Business	6
Music Education/Instrumental	17
Music Education/Vocal	7
Music/Music Business	3
Music/Performance	2
Nonprofit Leadership Studies	2
Nursing	94
Nutr Diet Food Mgt/Dietetics	3
Nutr Diet Food Mgt/Food Mgt	1
Organizational Communication	2
OSH/Environmental Hlt & Safety	8
OSH/Safety	3
Physics	1
Political Science	4
Psychology	26
Public Relations	5
Rec & Leisure Srv/Community	1
Rec & Leisure Srv/Adv Ldrshp	2
Social Work	8
Sociology	4
Spanish/Teaching Certification	2
Telecommunications Syst Mgt	3
Television Production	4
Theatre	5
Undeclared-degree seeking	107
Wildlife & Conservation Biol	11
Youth & Nonprofit Leadership	3
Grand Total	873

6.12 STEM MAJORS

STEM	
No	646
Yes	227
Grand Total	873

6.13 STEM-H MAJORS

STEM-H	
No	416
Yes	457
Grand Total	873

6.14 HIGH SCHOOL NAME

High School Name	
A-C Central High School	1
Academy Of Our Lady Of Mercy	1
Advance R-Iv High School	1
Allen County Scottsville High	3
Altamont Cmty Unit High School	2
Althoff Catholic High School	3
Anderson County High School	1
Andrew Jackson High School	1
Anna-Jonesboro Cmty High School	5
Apollo High School	4
Arlington High School	1
Assumption High School	8
Ballard High School	1
Ballard Mem High School	5
Barat Academy	1
Bardstown High School	1
Barren County High School	1
Barrington Community High School	2
Bartlett High School	1
Basic High School	1
Belleville High School East	2
Belleville Township H S West	3
Benton Consolidated High School	1
Bethlehem High School	1

Bishop Dubourg High School	1
Bloomington High School North	1
Boonville High School	3
Bowling Green High School	2
Boyle County High School	1
Breathitt High School	1
Breckinridge County High School	7
Briarcrest High School	3
Brown School	2
Brownsburg High School	1
Bruce High School	1
Buckhorn High School	1
Bullitt Central High School	7
Bullitt East High School	1
Butler County High School	3
Caldwell County Sr High School	2
Calloway Co High School	39
Cardinal Ritter College Prep	2
Carlisle County High School	5
Carmel High School	1
Carmi-White County High School	2
Carroll County High School	4
Carterville High School	1
Castle High School	12
Catholic Hs	1
Central Community High School	2
Central Hardin High School	1
Central High School	6
Central Hs Mca	1
Centralia High School	2
Chaffee Jr-Sr High School	1
Chatard High School	1
Chester High School	1
Christian Academy Of Louisville	1
Christian County High School	8
Christopher Community High School	1
Cincinnati Country Day School	1
City Univ School Of Lib Arts	3
Civic Mem High School	1
Clarksville High School	1
Clay County Central High School	1

Clinton Prairie Jr-Sr High School	2
Collierville High School	1
Columbia High School	1
Community Christian Academy	1
Connellsville Area Sr High School	1
Conner Senior High School	1
Cooper High School	1
Coulterville High School	1
Covington Catholic High School	1
Crawford County Jr-Sr High School	1
Crittenden County High School	7
Crockett County High School	3
Cumberland Valley High School	1
Danville High School	1
Daviess County High School	12
Dawson Springs High School	1
De Soto High School	1
Dexter Senior High School	2
Downers Grove South High School	1
Dresden High School	1
Duquoin High School	1
Dyer County High School	1
East Prairie High School	1
Eastern High School	8
Edwardsville High School	1
Effie Kokrine Charter School	1
Egyptian Community High School	1
Elizabethtown Senior High School	1
Eminence High School	1
Estill County High School	1
Eureka Senior High School	2
Evangelical Christian School	1
Fairdale High School	3
Fairfield Community High School	1
Fairfield High School	1
Fenwick High School	1
Fern Creek High School	2
Fisher Jr-Sr High School	1
Fishers Hs	1
Flagstaff High School	1
Fort Zumwalt South High School	2

Francis Howell High School	1
Francis Howell North High School	1
Francis J Reitz High School	1
Franklin County High School	1
Franklin High School	1
Franklin Road Academy	1
Ft Zumwalt W High School	1
Fulton City High School	2
Fulton County High School	8
Galatia High School	1
Gallatin County High School	2
GED	3
George R Clark High School	2
Gibson Southern High School	1
Glenclyff High School	1
Granite City Senior High School	1
Grant County High School	1
Graves County High School	25
Grayson County High School	3
Great Mills High School	1
Greenwood High School	1
H Richards High School	1
Hancock County High School	1
Hardin County High School	2
Harrisburg High School	2
Hazard High School	1
Hazelwood West Senior High	1
Hebrew Academy The	1
Henderson County Sr High School	18
Hendersonville High School	1
Henry Clay High School	1
Henry County High School	14
Herculaneum High School	1
Heritage Christian Academy	1
Hickman County High School	1
Hickman High School	1
Highland High School	3
Hillsboro Senior High School	1
Hillsborough High School	1
Holmes High School	1
Holy Spirit Catholic School	1

Home Life Academy	1
Home Schooled	8
Hopkins County Central High School	4
Hopkinsville High School	6
Horn Lake High School	1
Horton Watkins High School	1
Houston High School	1
Huntley High School	2
Indian Hill High School	1
J M Atherton High School	4
Jackson Central-Merry High School	1
Jasper High School	2
Jean Frances Rivet High School	1
Jeffersontown High School	1
John F Kennedy High School	2
John Hardin High School	1
John R Buchtel High School	1
Lafayette High School	2
Lafayette Senior High School	1
Lakes Community High School	1
Larue County High School	1
Lawrence County High School	2
Lebanon High School	1
Lely High School	1
Lexington Christian Academy	1
Lincoln Community High School	1
Lindbergh High School	1
Livingston Central High School	3
Logan County High School	8
Lutheran High North	1
Lutheran High School St Chas Co	1
Lutheran High School	1
Lutheran High School North	2
Lyon County High School	3
Madison Academic Magnet High School	2
Madison Academy	1
Madisonville North Hopkins High School	9
Mahomet-Seymour High School	1
Male High School	6
Manassas High School	1
Marion County High School	2

Marion High School	3
Marquette Sr High	3
Marshall Co High School	28
Martha Layne Collins High School	1
Mascoutah High School	3
Massac County High School	2
Mater Dei High School	1
Mayfield High School	13
Mc Cluer North High School	1
Mcadory High School	1
Mcclain Christian Academy	1
McCracken County High School	21
Mckenzie High School	1
Mclean County High School	1
Meade County High School	8
Mercer County High School	1
Milan High School	1
Mills E Godwin High School	1
Monroe County High School	3
Moore High School	1
Morris High School	1
Mother Of Divine Grace School	1
Mount Carmel High School	1
Mount Lebanon High School	1
Mount Vernon Sr High School	6
Mount Vernon Township High School	3
Muhlenberg County High School	13
Munford High School	1
Murray High School	24
Nashville Christian School	1
Nerinx Hall High School	1
New Richmond High School	1
New Tech Institute	2
Newport Central Catholic High	1
North Bullitt High School	4
North Crowley High School	1
North Gwinnett High School	1
North Hardin High School	2
North Harrison High School	1
North High School	2
North Oldham High School	4

North Posey High School	1
North Side High School	1
Northeast High School	1
Northside Baptist Christian School	1
Northwest High School	2
Obion County Central High School	2
Oldham County Senior High School	12
Olympia High School	1
Overton High School	1
Owensboro Catholic High School	5
Ozark High School	3
Paducah Tilghman High School	7
Paris High School	1
Parkway West High School	1
Pattonville High School	2
Paul G Blazer Senior High School	1
Peachtree Ridge High School	1
Pelham High School	1
Penn High School	1
Perryville High School	1
Plainfield North High School	1
Plainwell High School	1
Pleasure Ridge Park High School	2
Pope John Paul II High School	1
Poplar Bluff Senior High School	1
Portage Northern High School	1
Powell County High School	1
Prairie Ridge High School	1
Presentation Academy	1
Ramey-Estep High School	1
Ravenwood High School	2
Reitz Mem High School	6
Ridgeview High School	1
Ridgeway Jr-Sr High School	1
Ripley High School	1
Rochester High School	1
Rockcastle County High School	1
Rockwood Summit High School	3
Rosati-Kain High School	1
Rose Hill Christn Academy	1
Rossview High School	3

Roxana Senior High School	1
Rushville Senior High School	1
Russellville High School	4
Sacred Heart of Jesus	3
Sacred Heart-Griffin High School	1
Saint Benedict At Auburndale	1
Saint Charles Senior High School	1
Saint Dominic High School	1
Saint Henry High School	2
Saint Mary High School	6
Saint Teresa High School	2
Saint Xavier High School	2
Salem High School	1
Samoana High School	1
Saxony Lutheran High School	2
Scott County Senior High School	2
Scott High School	1
Seckman Sr High School	1
Shelby County High School	3
Shelbyville High School	2
Shiloh High School	1
Sikeston High School	2
Simon Kenton High School	3
Soulsville Charter School	1
South Fulton High School	2
South Oldham High School	1
South Side High School	2
South Spencer High School	1
South Warren High School	3
Southern High School	2
Southern Regional High School	1
Southridge High School	1
Southwestern-Pulaski Co High School	1
Southwind High School	2
Sparkman High School	1
Spencer County High School	3
Springfield High School	1
Stewart County High School	4
Suda East Butler High School	1
Sullivan High School	1
Sullivan South High School	1

Sun Prairie Senior High School	1
Tates Creek Senior High School	5
Tecumseh Jr-Sr High School	1
Tennessee Online Public School	1
Teutopolis High School	1
Thomas Dale High School	2
Todd County Central High School	5
Trenton High School	1
Triad High School	5
Trigg County High School	19
Trinity Christian Academy	1
Trinity High School	1
Union City High School	2
Union County High School	11
University School Of Jackson	1
Unknown HS-Data Load	1
W A Berry High School	1
Warren Central High School	1
Waterloo High School	3
Waubonsie Valley High School	1
Webster County High School	4
Webster Groves High School	1
Wenonah High School	1
West Carroll High School	1
West Creek High School	1
West Jessamine High School	1
West Jordan High School	1
Western Hills High School	2
Westfield-Washington High School	1
Westlake High School	1
Westview High School	1
White House High School	1
Woodford County High School	3
Woodland R-4 High School	1
Woodlawn Community High School	2
York Community High School	1
Zeigler-Royalton High School	1
Grand Total	871

6.15 HIGHEST LEVEL OF EDUCATION COMPLETED BY PARENTS OR GUARDIANS

Count of What is the highest level of education completed by either of your parents or guardians?	
associate's degree (AA, AS, etc.)	107
attended college but did not complete degree	111
bachelor's degree (BA, BS, etc.)	194
did not finish high school	17
do not know	15
doctoral or professional degree (PhD, EdD, JD, MD, etc.)	42
high school or GED	231
master's degree (MA, MS, etc.)	156
Grand Total	873

		1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	more than 30
High school activity	0							
Assigned reading	31	539	211	55	18	12	2	5
Assigned writing	20	493	223	75	34	17	6	5
Math and quantitative reasoning	31	367	290	101	45	28	5	6
Laboratory or field work	327	391	100	28	20	4	0	3
Foreign language study	527	192	93	37	13	9	1	1
Practice and/or rehearsal	283	169	166	128	48	34	16	29
Preparing for class	33	474	228	79	36	15	3	5
Working for pay	305	109	109	112	111	69	29	29
Co-curricular activities	131	236	200	139	81	41	17	28
Volunteering	209	446	135	46	20	9	2	6
Relaxing and socializing	8	258	319	135	82	33	10	28

Count of During your last year of high school, about how much time did you spend on the following academic tasks each week? [assigned reading]	
0 hours per week	31
1-5 hours per week	539
6-10 hours per week	211
11-15 hours per week	55
16-20 hours per week	18
21-25 hours per week	12
26-30 hours per week	2
more than 30 hours per week	5
Grand Total	873

Count of During your last year of high school, about how much time did you spend on the following academic tasks each week? [assigned writing]	
0 hours per week	20
1-5 hours per week	493
6-10 hours per week	223
11-15 hours per week	75
16-20 hours per week	34
21-25 hours per week	17
26-30 hours per week	6
more than 30 hours per week	5
Grand Total	873

Count of During your last year of high school, about how much time did you spend on the following academic tasks each week? [math and quantitative reasoning]	
0 hours per week	31
1-5 hours per week	367
6-10 hours per week	290
11-15 hours per week	101
16-20 hours per week	45
21-25 hours per week	28
26-30 hours per week	5
more than 30 hours per week	6
Grand Total	873

Count of During your last year of high school, about how much time did you spend on the following academic tasks each week? [laboratory or field work]	
0 hours per week	327
1-5 hours per week	391
6-10 hours per week	100
11-15 hours per week	28
16-20 hours per week	20
21-25 hours per week	4
more than 30 hours per week	3
Grand Total	873

Table Reported High School Academic Behaviors

Behavior	never	sometimes	often	very often
Came to class without completing readings or assignments	411	429	24	9
Prepared 2 or more drafts of an assignment before submission	115	364	294	100
Reaching conclusions based on own analysis of numerical information	54	311	352	156
Used numerical information to examine a real-world issue	104	362	291	116
Evaluated what others have concluded from numeral information	115	388	288	82
Identified key information from reading assignments	8	149	407	309
Reviewed notes after class	22	237	350	264
Summarized what was learned in class or from class materials	29	277	367	200
Included diverse perspectives in course discussions or assignments	46	331	343	153
Examined the strengths and weaknesses of own views of a topic	41	282	345	205
Tried to understand another's view by imagining how an issue looks from that perspective	22	234	362	255

MSU activity	0	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	more than 30
Assigned reading	5	234	332	174	80	29	11	8
Assigned writing	4	194	349	187	80	38	15	6
Math and quantitative reasoning	6	233	344	167	78	27	11	7
Laboratory or field work	67	304	268	128	70	22	6	8
Foreign language study	381	265	126	57	22	14	4	4
Practice and/or rehearsal	365	229	114	61	47	30	16	11
Preparing for class	3	182	255	204	129	53	28	19
Working for pay	163	98	175	177	148	62	28	22
Co-curricular activities	52	289	278	131	70	31	11	11
Volunteering	144	451	162	67	30	10	6	3
Relaxing and socializing	11	259	341	152	67	24	10	9

Table. Predicted Murray State Academic Behaviors

Behavior	never	sometimes	often	very often
Ask for help from learning center or tutor	56	258	408	151
Ask for help from another student	14	372	345	142
Ask for help from a faculty member	20	423	297	133
Explain coursework to other students	21	498	294	60
Prepare for exams with other students in study group	22	237	383	231
Work with other students on projects/assignments	6	227	437	203
Work with faculty on activities other than coursework	62	444	259	108
Discuss your academic performance with faculty	19	394	336	124
Discuss course content with faculty outside of class	39	478	255	101
Prepare 2 or more drafts of an assignment before submission	29	271	390	183
Choose not to attend class	794	70	5	4
Come to class without completing readings or assignments	731	123	11	8

MSU behavior linked to success	not at all certain	somewhat uncertain	somewhat certain	very certain
Study when there are more interesting things to do	6	67	476	324
Find additional information for course assignments when you don't understand the material	1	44	291	537
Participate in course discussions, even when you don't feel like it	6	92	457	318
Ask for help when you struggle with assignments	0	44	216	613
Finish something you have started when you encounter challenges	1	20	267	585
Stay positive, even when you do poorly on a test or assignment	13	66	330	464

anticipated level of difficulty	not at all difficult	a little difficult	somewhat difficult	very difficult
Learning course material	49	352	423	49
Writing papers	54	270	397	152
Speaking in or in front of class	170	217	262	224
Managing time	88	350	315	120
Paying college expenses	94	203	251	325
Getting help with coursework	284	432	139	18
Interacting with faculty	367	361	127	18
Making new friends	459	273	105	36
Living on campus with roommate	492	248	94	39
Getting involved in campus activities	460	294	93	26
Being away from home	329	291	184	69