

# 2011 Graduation Survey Data Marshall University

Office of Assessment and Program Review

# Executive Summary

- **Unless otherwise noted, all findings are essentially unchanged since 2010.**
- Overall response rate was 41% (672 respondents out of 1,628 graduates) – **up from 35% in 2010.**
- Females were more likely than males to respond to the survey.
- Students who completed Bachelor's Degrees were more likely to respond than were students who completed Associate's Degrees.
- The Mean GPA of respondents (3.19) was significantly higher than that of all graduates (3.08).
- Response rates differed significantly across colleges.
- Respondents did not differ from the cohort in terms of race and age.

# Executive Summary

- Most respondents were single with no children, were WV residents, and completed their entire education at Marshall.
- Thirty-three percent reported no educational debt, while 36% reported debt greater than \$20,000. - debt > \$20,000 is higher than in 2010.
- Most respondents stated that their educational objective was to begin their first career.
- Fifty-six percent of respondents said they had participated in an internship or practicum, with 63% believing this experience had helped them find employment. - efficacy of internships reported on a higher level than in 2010.
- Sixty-two percent of respondents indicated that they intend to pursue graduate studies, while only 4% indicated that they intend to work for a Volunteer Organization such as the Peace Corps or AmeriCorps.
- Most students reported that they intend to remain in WV to complete graduate studies and most chose Marshall University for this purpose.

# Executive Summary

- Students reported positive feelings about all aspects of their MU education. On a scale of 1 – 5, with 1 being “strongly agree,” 2 being “agree,” 3 being “neither agree nor disagree,” 4 being “disagree” and 5 being “strongly disagree,” means exceeded 2 for only six out of fourteen items. These included
  - Believing that writing intensive courses were effective (2.37)
  - Developing the ability to use mathematics effectively (2.26)
  - Believing science courses increased understanding of the scientific process (2.27)
  - Increasing appreciation of the arts (2.23)
  - Receiving adequate training in computers and technology appropriate to major field (2.11)
  - Finding the capstone experience valuable (2.06) – mean was 1.99 in 2010

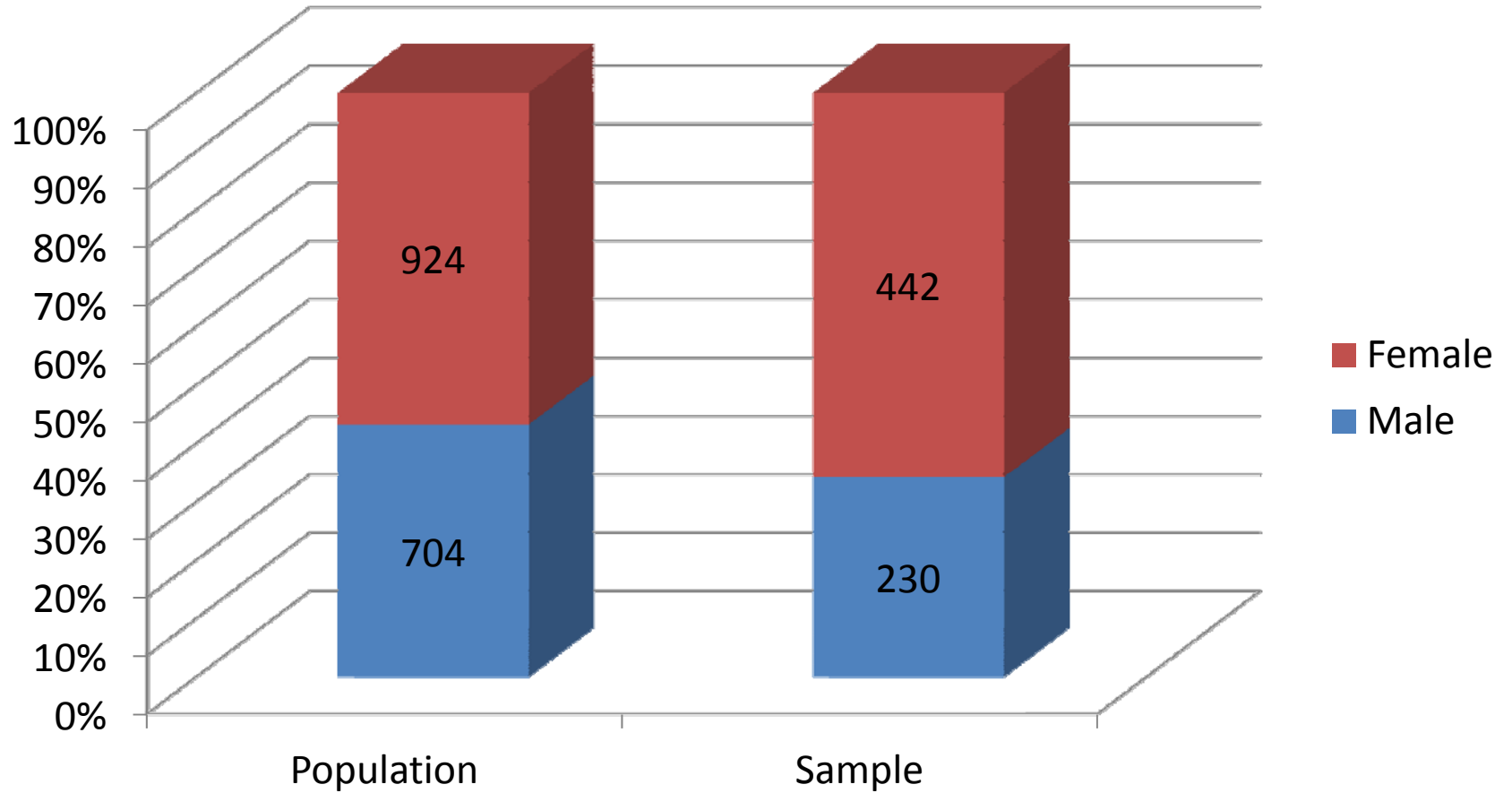
# Executive Summary

- On a scale of 1 – 5, with 1 being “very satisfied,” 2 being “satisfied,” 3 being “neutral,” 4 being “dissatisfied,” and 5 being “very dissatisfied,” students reported greater satisfaction with
  - the quality of teaching (1.80) than with
  - the quality of advising (2.29)
  - classroom and lab facilities (2.35)
  - academic support services (2.24)
- Sixty-one percent of respondents plan to be employed in their major field, 13% not in their major field, and 26% were unsure at the time of the survey.
- Sixty-three percent plan to work in WV.
- Forty-four percent (of the 464 students who answered the question) reported having accepted a job (Up from 22% in 2010). Of those, 68% will earn \$30,000 + annually (Up from 55% in 2010).
- Only 24% of respondents reported using Career Services, with JobTrax and Resume Assistance used most frequently.

## Population/Sample Demographic Comparisons: Gender

Population Category	# (%)	Sample Category	# (%)	Response Rate
Male	704(43.2%)	Male	230 (34.2%)	33%
Female	924 (56.8%)	Female	442 (65.8%)	48%
Total	1,628(100%)	Total	672 (100%)	41%

# Population/Sample Demographic Comparisons: Gender

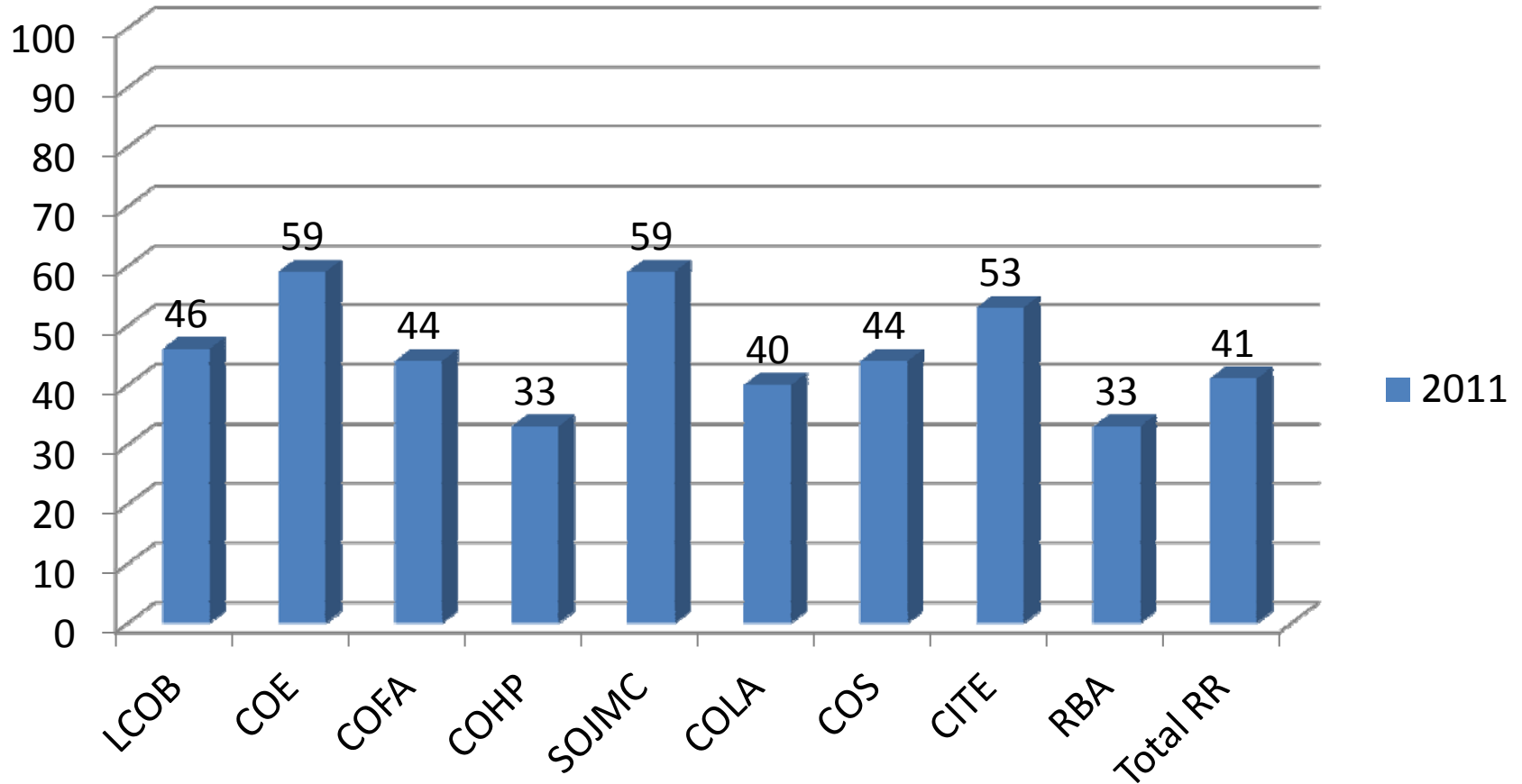


## Population/Sample Demographic Comparisons: College

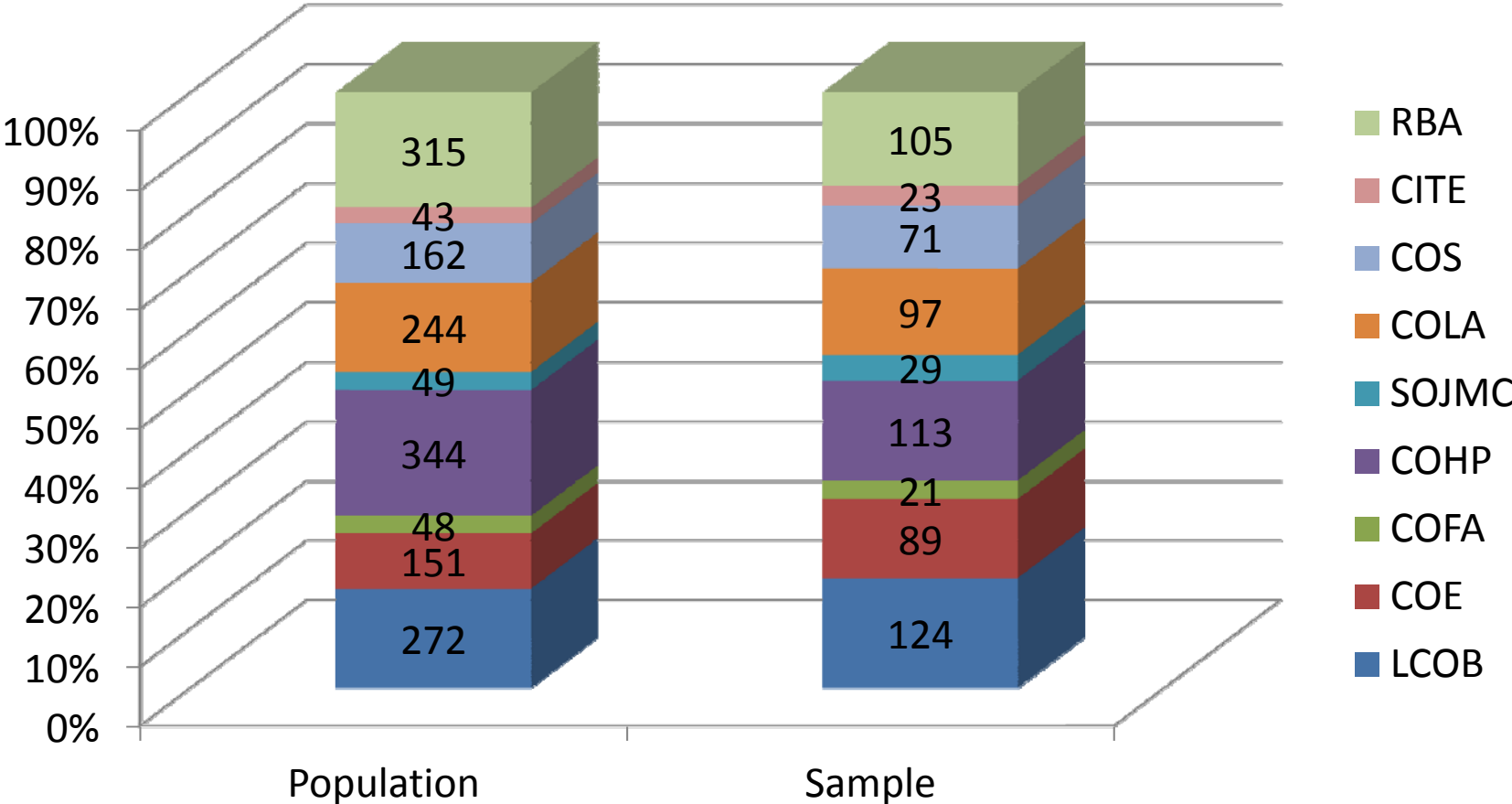
Population Category	# (%)	Sample Category	# (%)	Response Rate
LCOB	272 (16.7%)	LCOB	124 (18.5%)	46%
COE	151 (9.3%)	COE	89 (13.2%)	59%
COFA	48 (2.9%)	COFA	21 (3.1%)	44%
COHP	344 (21.1%)	COHP	113 (16.8%)	33%
SOJMC	49 (3.0%)	SOJMC	29 (4.3%)	59%
COLA	244 (15.0%)	COLA	97 (14.4%)	40 %
COS	162 (10.0%)	COS	71 (10.6%)	44%
CITE	43 (2.6%)	CITE	23 (3.4%)	53%
RBA	315 (19.4%)	RBA	105 (15.6%)	33%
Total	1,628 (100%)	Total	672 (100%)	41%



# Response Rate by College (#s indicate percentages)



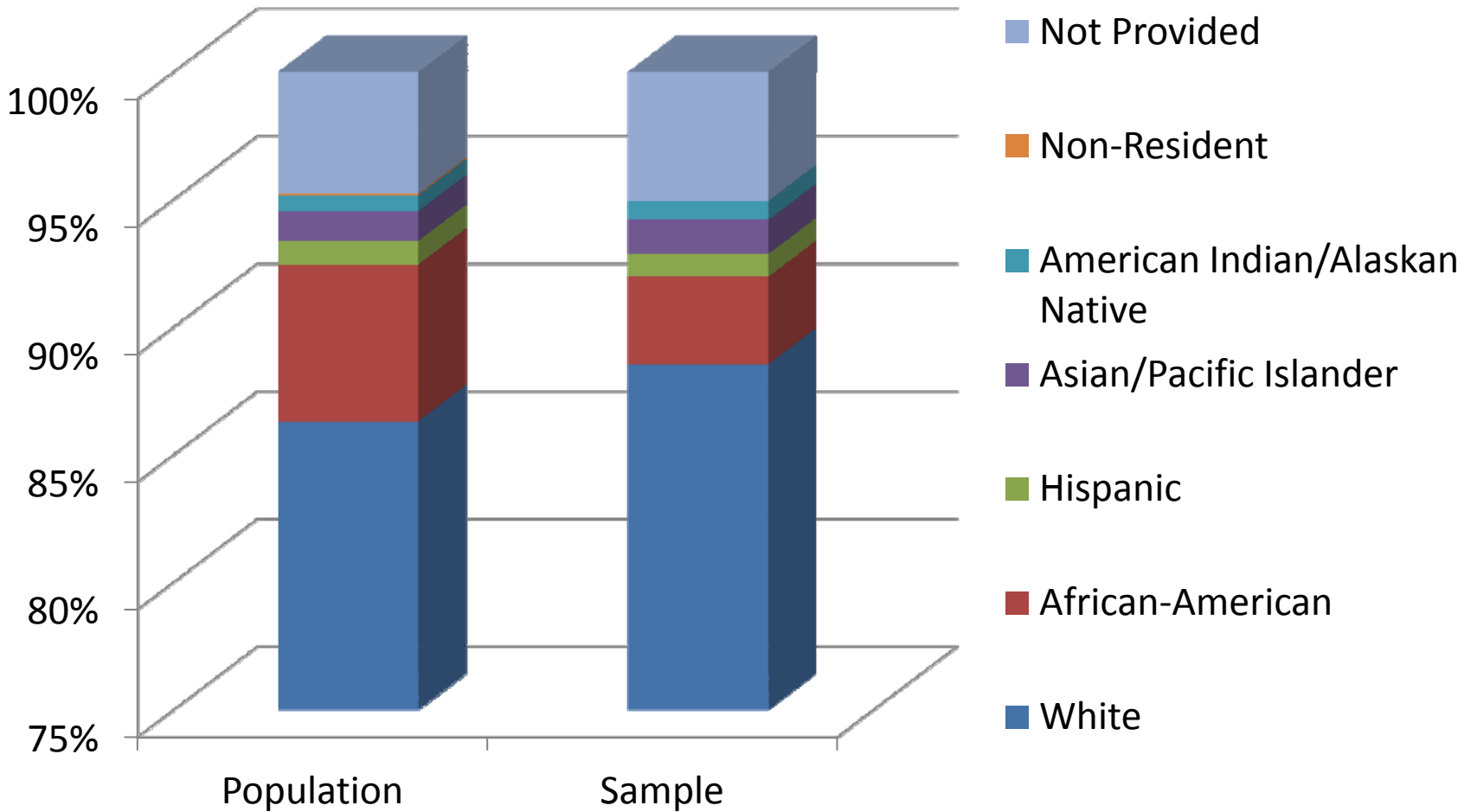
# Population/Sample Demographic Comparisons: College



## Population/Sample Demographic Comparisons: Race

Population Category	# (%)	Sample Category	# (%)	Response Rate
White	1,405 (86.3%)	White	595 (88.5%)	42%
African-American	100 (6.1%)	African-American	23 (3.4%)	23%
Hispanic	15 (0.9%)	Hispanic	6 (0.9%)	38%
Asian/Pacific Islander	19 (1.2%)	Asian/Pacific Islander	9 (1.3%)	40%
American Indian/Alaskan Native	10 (0.6%)	American Indian/Alaskan Native	5 (0.7%)	47%
Non-Resident	1 (0.1%)	Non-Resident	0 (0.0%)	0%
Information Not Provided	78 (4.8%)	Information Not Provided	34 (5.1%)	44%
Total	1,628 (100%)	Total	672 (100%)	41%

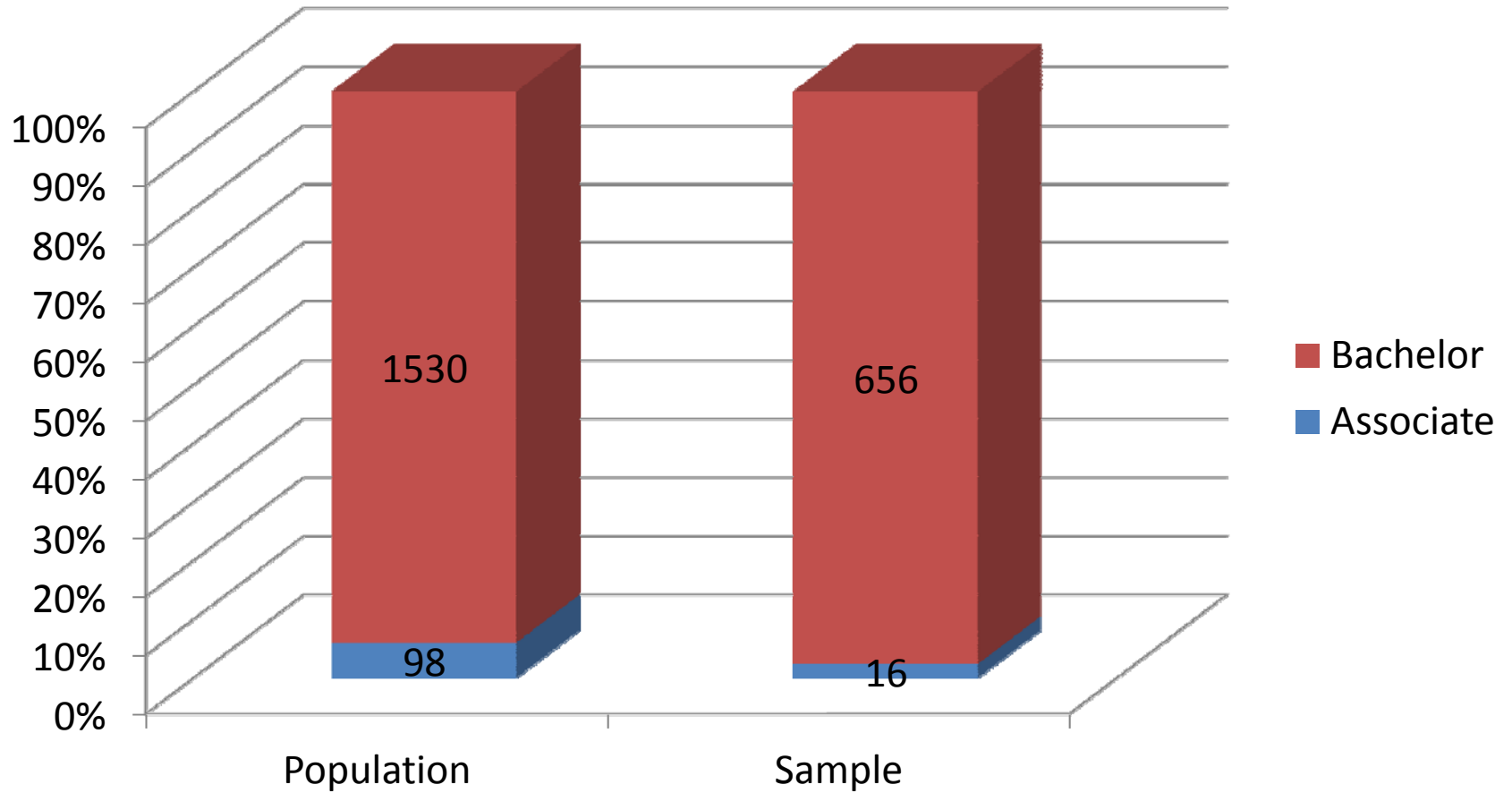
# Population/Sample Demographic Comparisons: Race



## Population/Sample Demographic Comparisons: Degree Earned

Population Category	# (%)	Sample Category	# (%)	Response Rate
Associate's Degree	98 (6.0%)	Associate's Degree	16 (2.4%)	16%
Bachelor's Degree	1,530 (94.0%)	Bachelor's Degree	656 (97.6%)	43%
Total	1,628 (100%)	Total	672 (100%)	41%

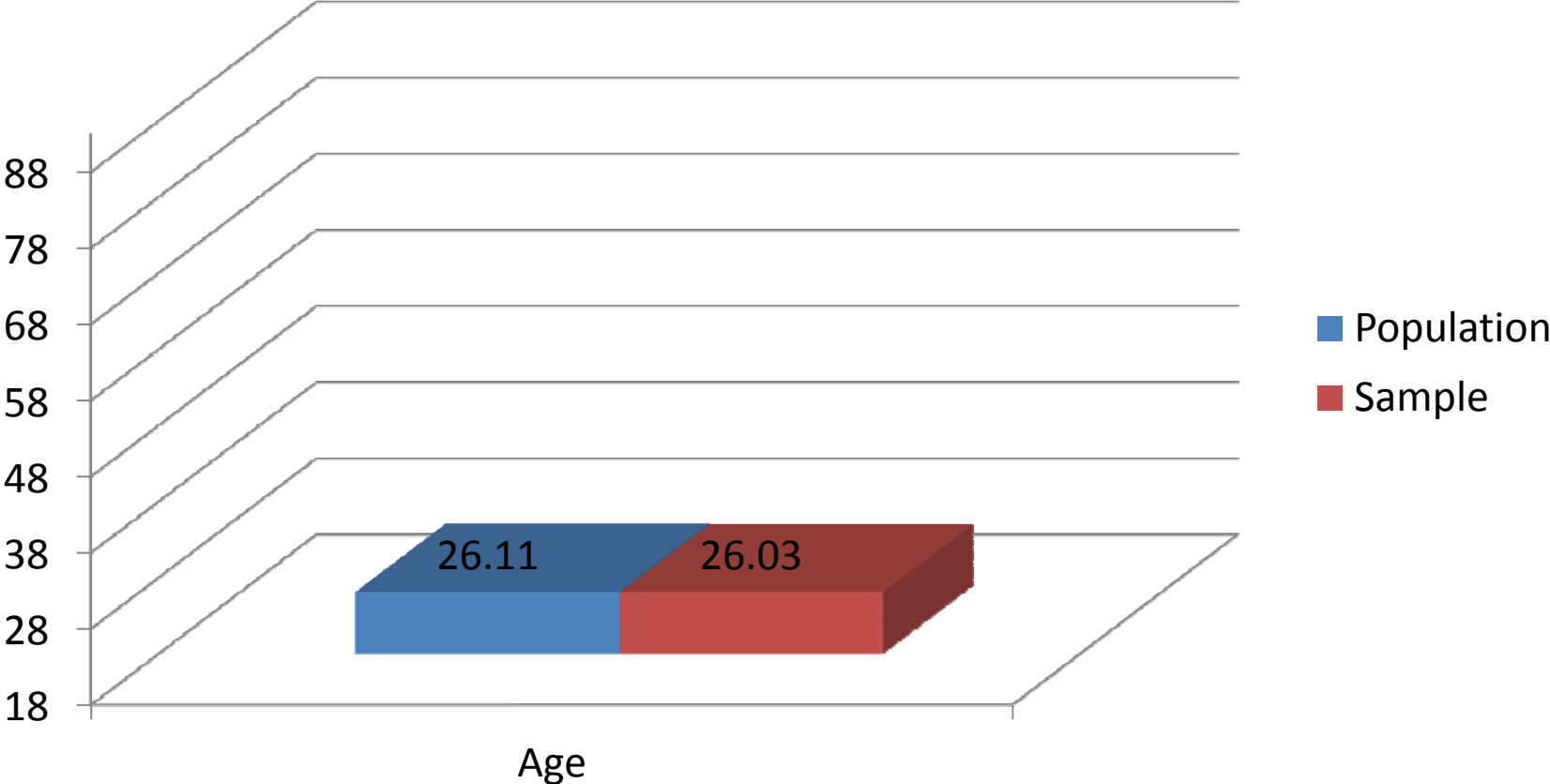
# Population/Sample Demographic Comparisons: Degree Earned



## Population/Sample Demographic Comparisons: Age and GPA

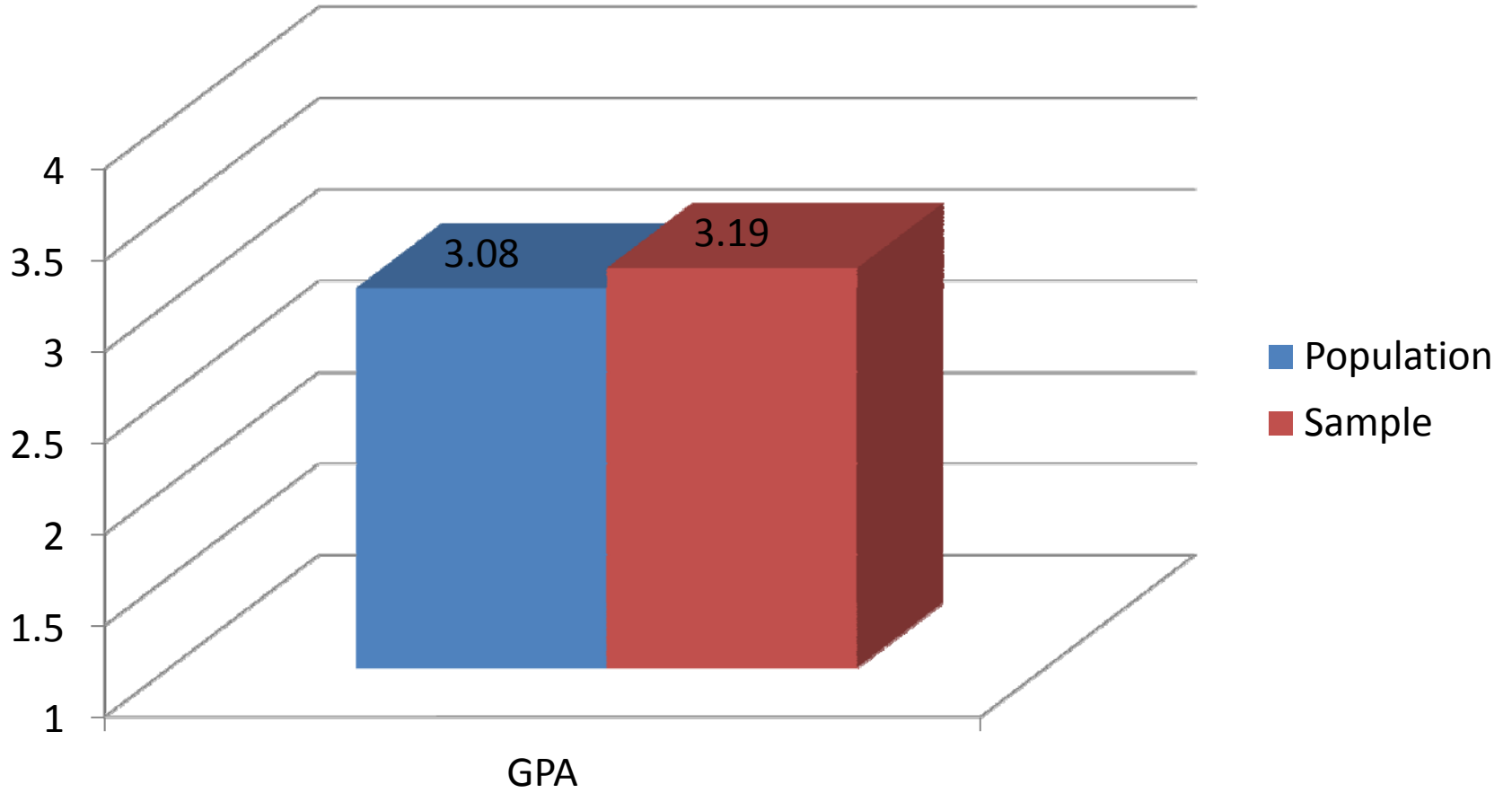
Population Category	Mean ( <i>SD</i> )	Median	Range
Age ( <i>n</i> = 1,628)	26.11 (7.41)	23	18 - 61
GPA ( <i>n</i> = 1,628)	3.08 (0.48)	3.10	1.73 – 4.00
Sample Category			
Age ( <i>n</i> = 672)	26.03 (7.63)	23	18 - 61
GPA ( <i>n</i> = 672)	3.19 (0.47)	3.24	1.91 – 4.00

# Population/Sample Demographic Comparisons: Mean Age





# Population/Sample Demographic Comparisons: Mean GPA



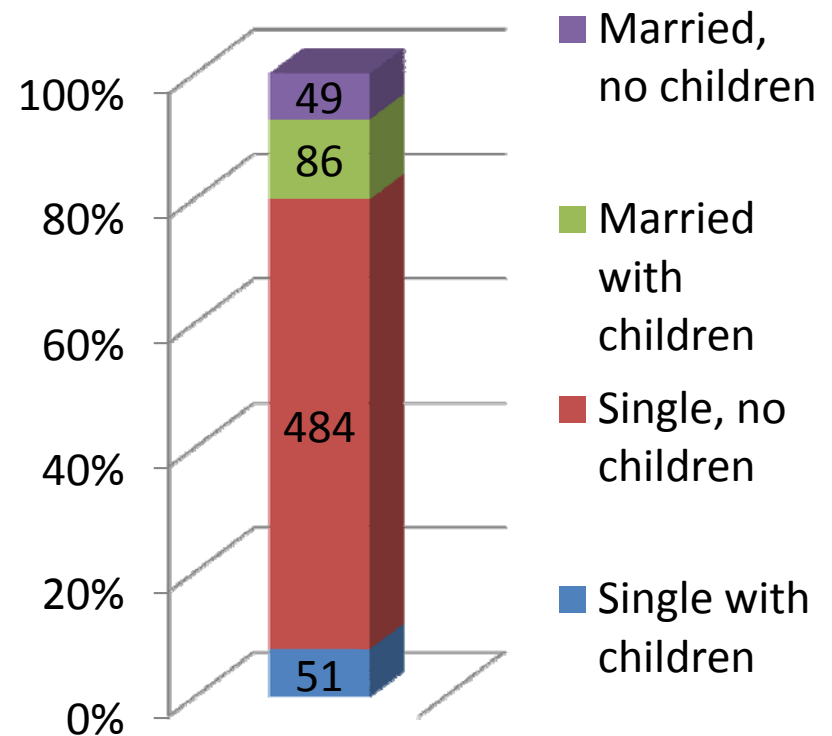
## Respondents' Age and Statistics on # of Semesters Required to Complete Degrees

Mean Age (SD)	26.03 (7.63)
Median Age	23
Modal Age	22
Age Range	18 - 61
<i>n</i>	672

Mean # of Semesters to Complete Degree (SD)	9.17 (3.1)
Median # of Semesters	9
Modal # of Semesters	8
Range	1 - 28
<i>n</i>	606

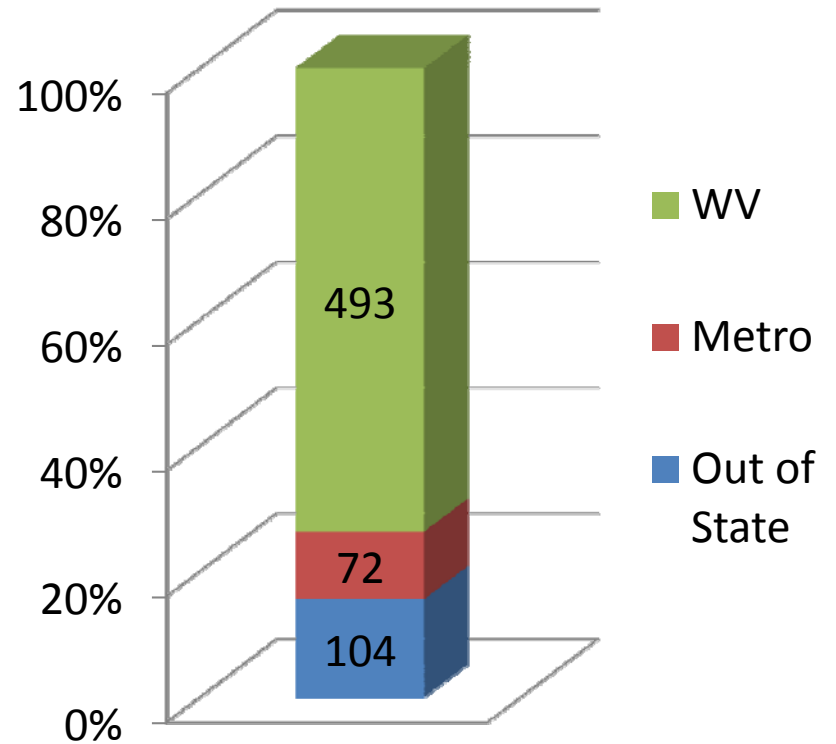
# Family Status

Category	<i>N</i>
Married, no children	49
Married with children	86
Single, no children	484
Single with children	51
Total	670



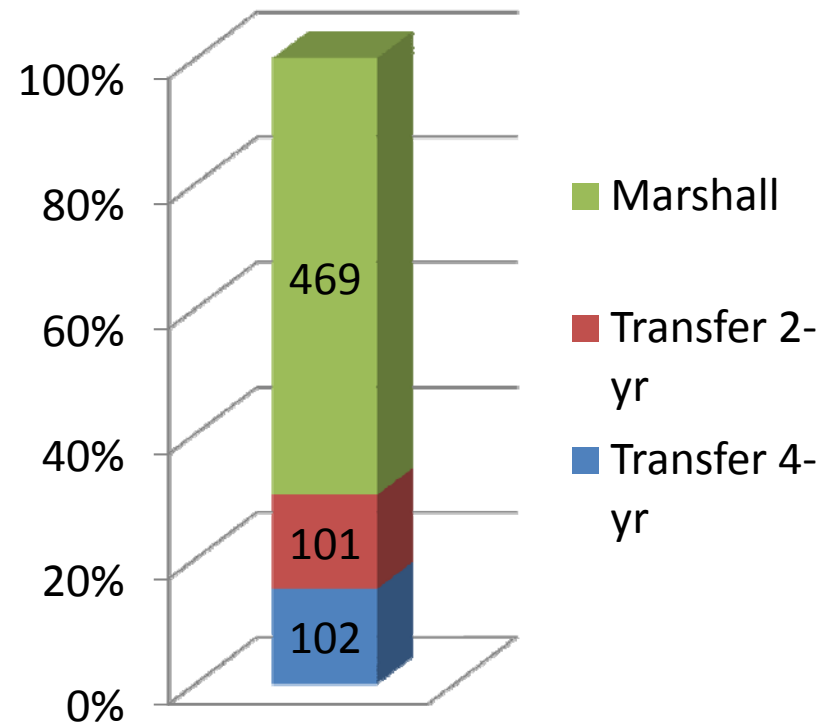
## Residence at time of admission

Category	<i>n</i>
West Virginia	493
Metro	72
Out of State	104
Total	669



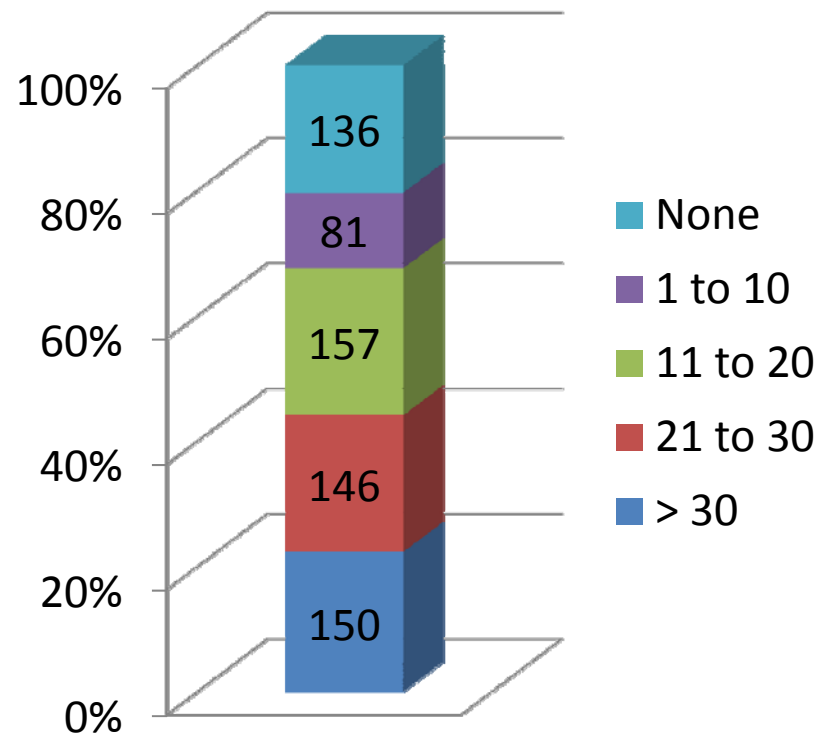
## While pursuing your degree, did you

Category	<i>n</i>
Originally Enroll and Stay at Marshall?	469
Transfer from a 2-Year institution?	101
Transfer from another 4-year institution?	102
Total	672



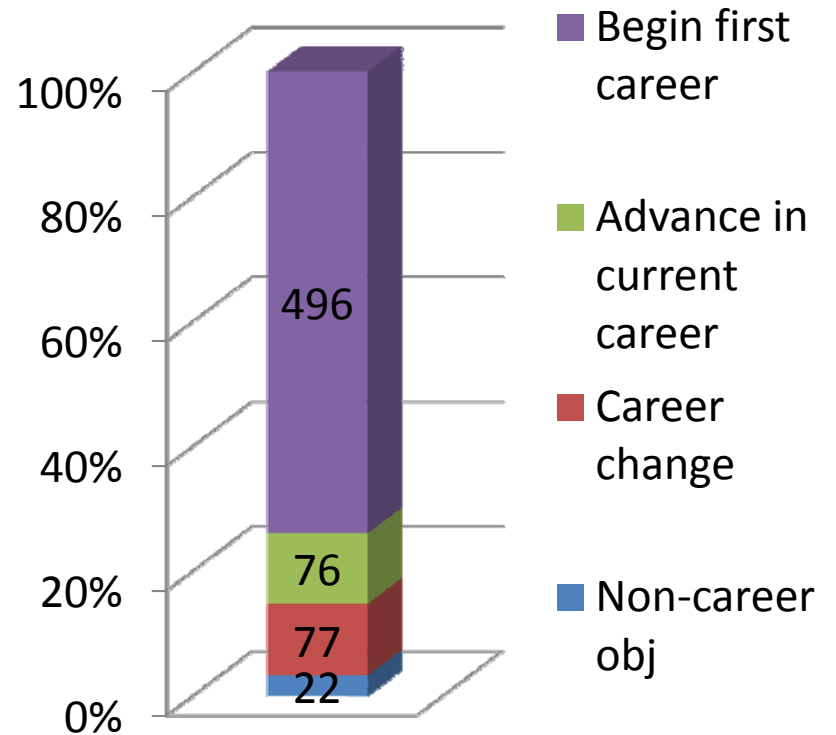
During the last year of your studies, how many hours a week did you work while attending classes?

Category	<i>n</i>
None	136
1 - 10	81
11 - 20	157
21 - 30	146
More than 30	150
Total	670



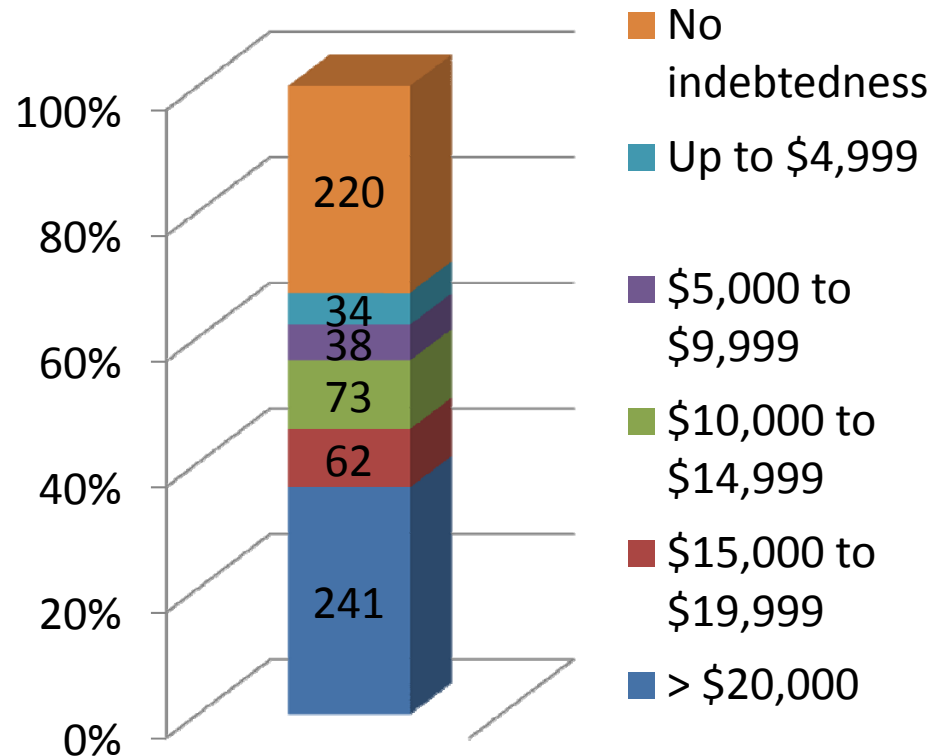
Which of the following best describes your educational objective while attending Marshall University.

Category	<i>n</i>
Begin first career	496
Advance in current career	76
Career Change	77
Non-Career Objective	22
Total	671



Upon graduation, what was the dollar amount of your educational loan indebtedness?

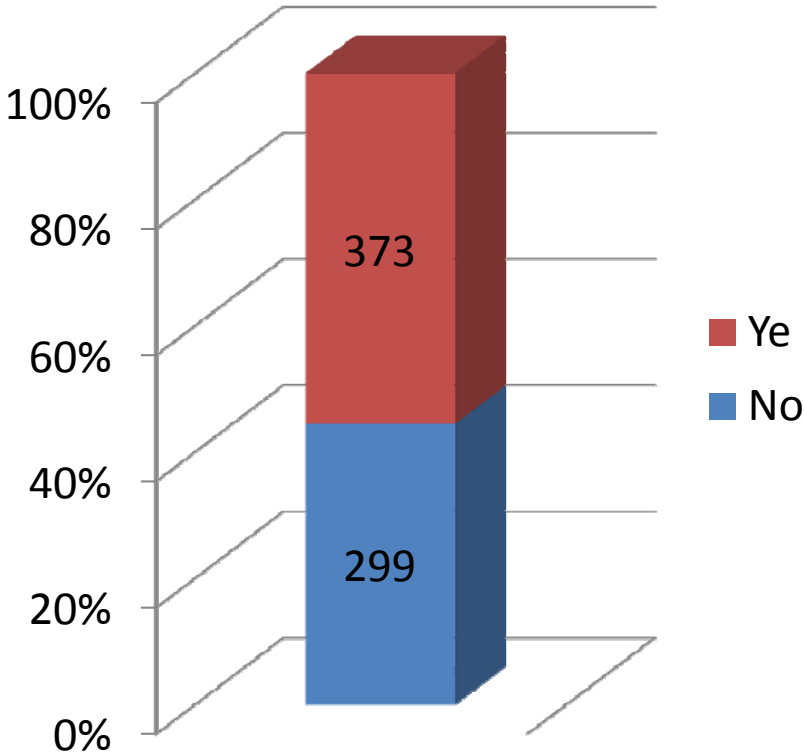
Category	<i>n</i>
No indebtedness	220
Up to \$4,999	34
\$5,000 - \$9,999	38
\$10,000 - \$14,999	73
\$15,000 - \$19,999	62
> \$20,000	241
Total	668





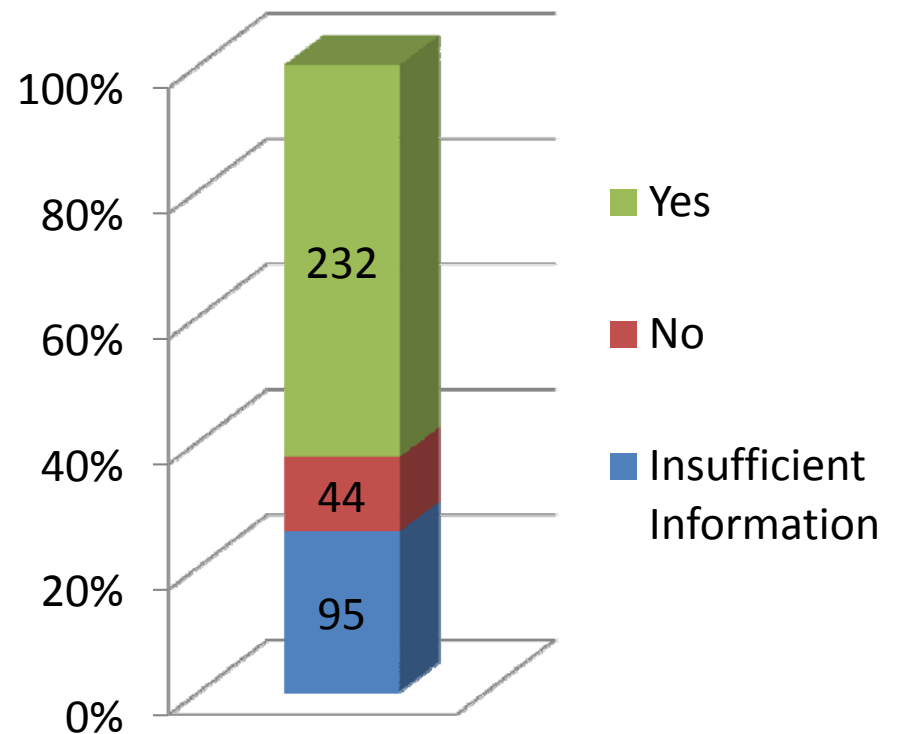
Did you take part in an internship, practicum or other structured work experience related to your major?

Category	<i>n</i>
Yes	373
No	299
Total	672



If you answered "yes" to the previous question, did that experience increase your ability to secure employment?

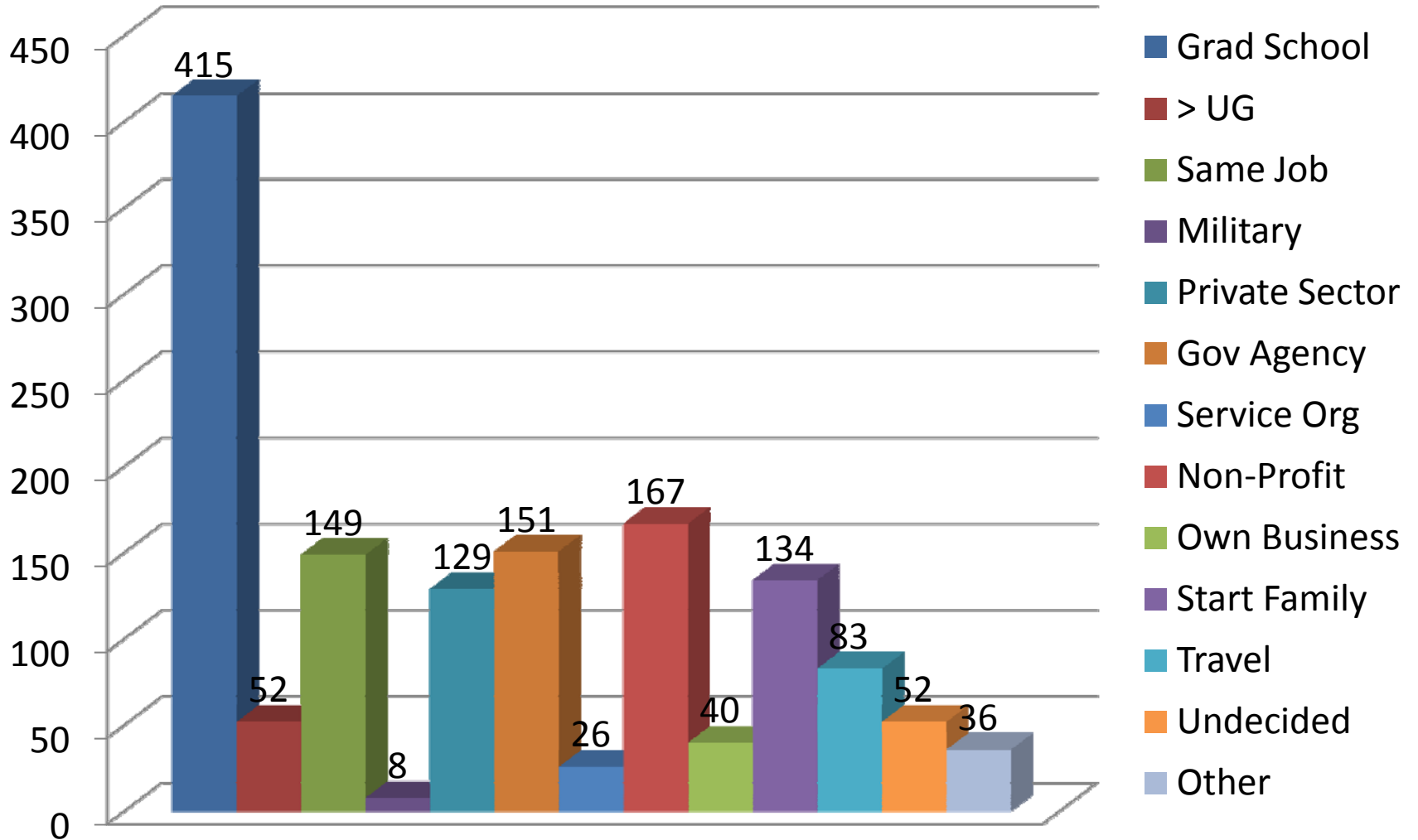
Category	<i>n</i>
Yes	232
No	44
Insufficient Information to answer question	95
Total	371



## When I graduate from Marshall University I plan to (check all that apply)

Category	<i>n</i>
Attend Graduate School	415
Complete additional undergraduate coursework	52
Continue to work at the same job I have at present	149
Enter the military	8
Work for a private sector company or corporation	129
Work for a local, state, or federal agency	151
Work for a volunteer or service organization, e.g. Peace Corps, AmeriCorps, City Year, etc.	26
Work for a non-profit organization, e.g. hospital, university, public school, etc.	167
Begin my own business	40
Start or raise a family	134
Take time off (to travel, etc.)	83
Undecided or no plans	52
Other	36

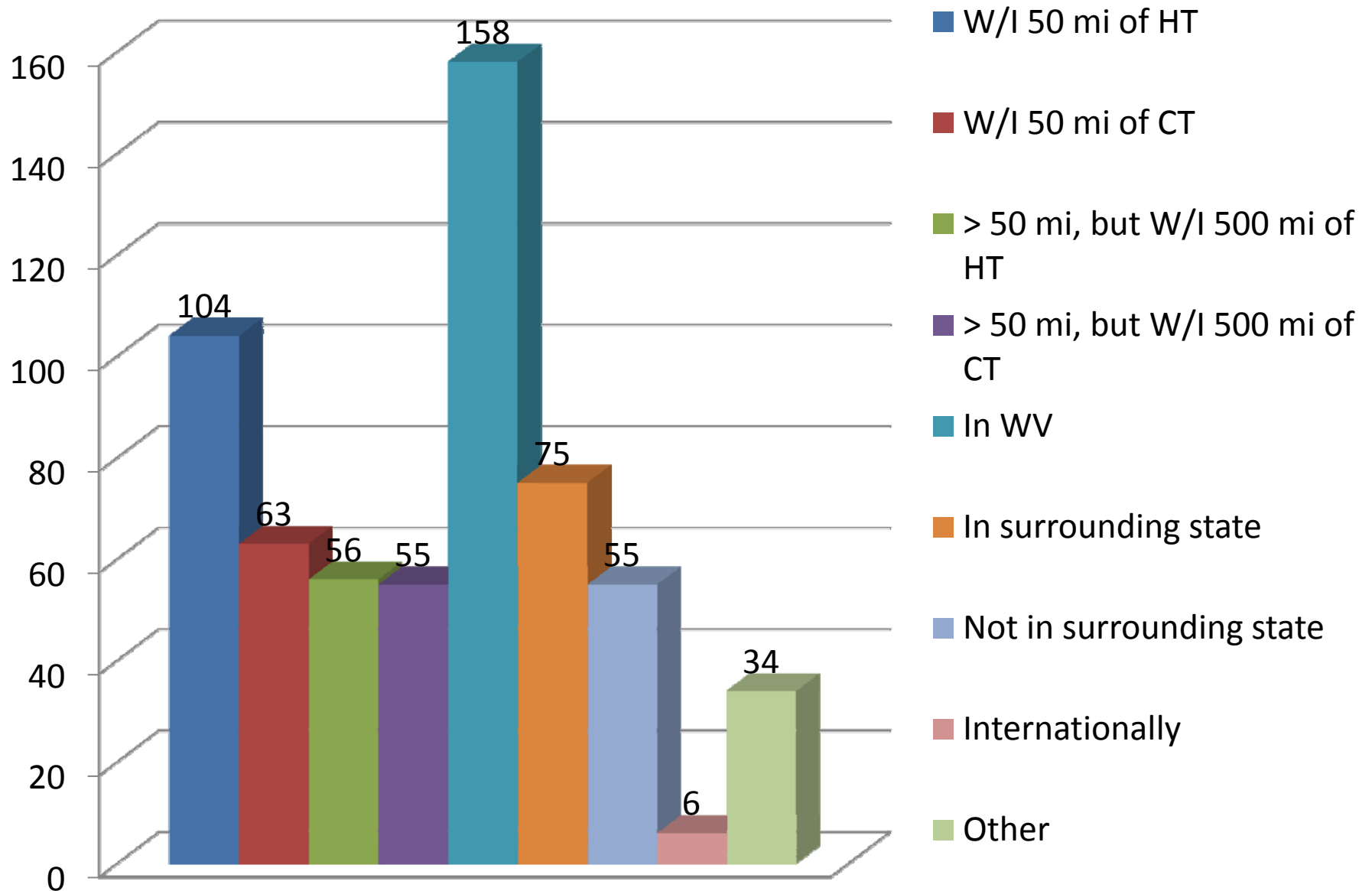
When I graduate from Marshall University I plan to (check all that apply)



If you plan to continue your education and have applied to institutions of higher education, please check all that apply: I have applied to institutions

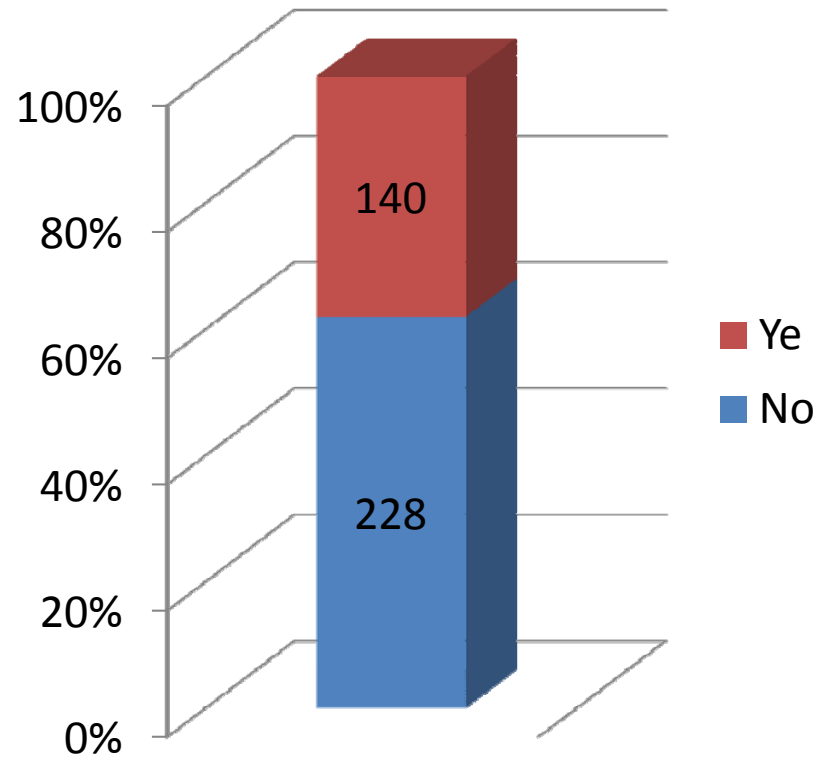
Category	<i>n</i>
Within 50 miles of my college town	104
Within 50 miles of my home town	63
Over 50 miles, but within 500 miles of my college town	56
Over 50 miles, but within 500 miles of my home town	55
In WV	158
In at least one of WV's neighboring states (OH, KY, VA, MD, PA)	75
Within the US, but outside the above boundaries	55
Internationally	6
Other	34

If you plan to continue your education and have applied to institutions of higher education, please check all that apply: I have applied to institutions



Have you been accepted at a higher level educational program?

Category	<i>n</i>
Yes	140
No	228
Total	368



If you have been accepted by a higher level institution, what institution do you plan to attend?

School	<i>n</i>	School	<i>n</i>		
Albany College of Pharmacy and Health Sciences	1	Norfolk State University	1	Thomas Cooley School of Law	1
Arizona State University	2	North Carolina State University	1	University of Illinois	1
Barry University	1	Ohio College of Podiatric Medicine	1	University of Charleston	1
Baylor University	1	Ohio Northern University College of Law	1 or 2	University of Charleston School of Pharmacy	1
Colorado School of Mines	1	Pittsburg State University (KN)	1	University of the Cumberlands	1
Duquesne University School of Law	1	Rutgers	1	University of Delaware	1
Marshall University	63	Shawnee State University	1	University of Georgia	1
Marshall University School of Medicine	3	South College School of Pharmacy	1	University of Kentucky	3
Middle Tennessee State University	1	Spaulding University	1	University of Kentucky School of Medicine	1
Midway College of Pharmacy	1	Temple University Physical Therapy	1	University of Michigan	1
NOAC (University of Akron and Kent State's Combined Programs)	1	The John Marshall school of Law	1	University of Tennessee College of Law	1



If you have been accepted by a higher level institution, what institution do you plan to attend?

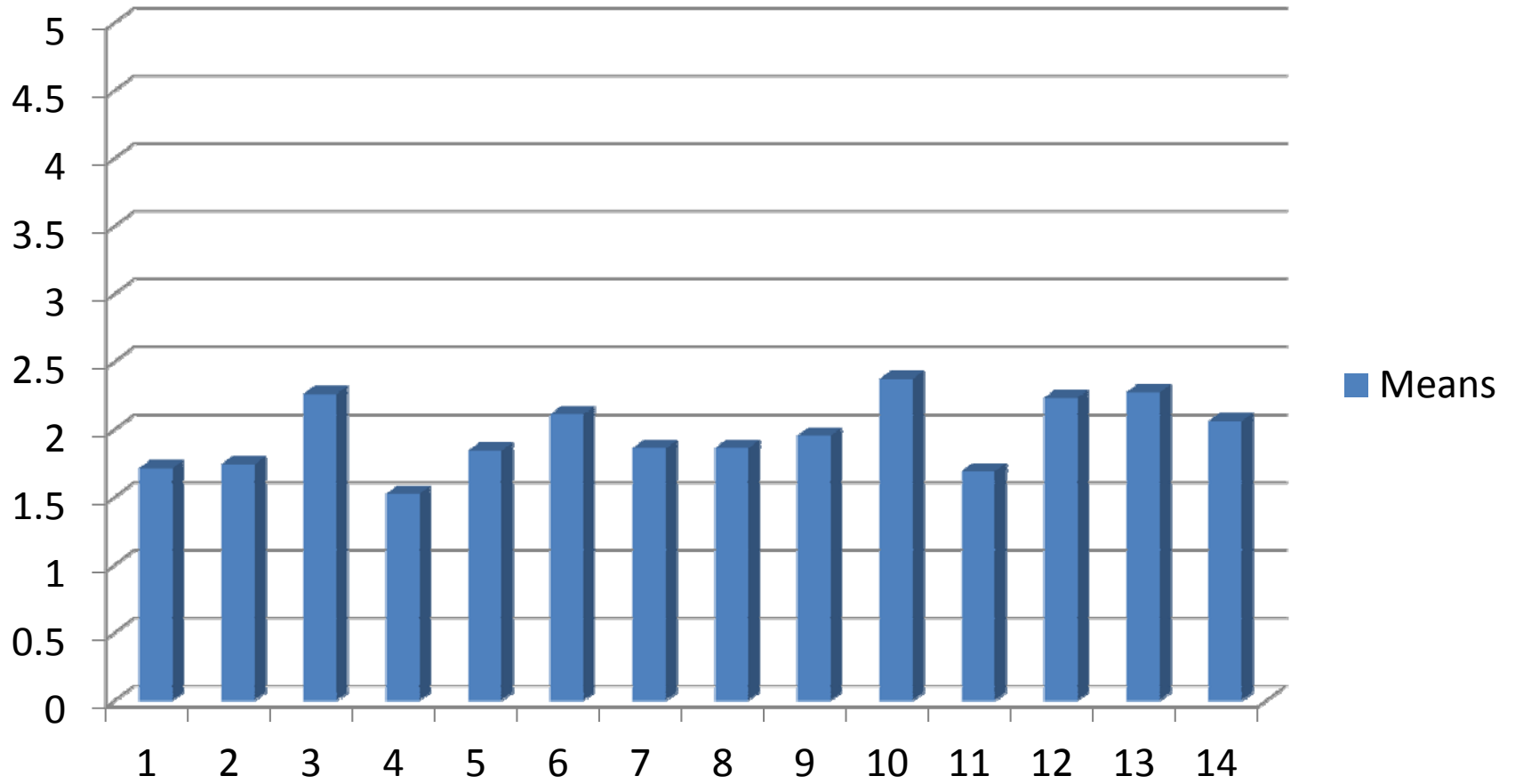
School	<i>n</i>	School	<i>n</i>		
Wake Forest University School of Medicine	1				
Washington University in St. Louis	2				
West Virginia School of Osteopathic Medicine	4				
West Virginia University	4				
West Virginia University College of Law	1 or 2				
West Virginia University School of Dentistry	1				
West Virginia University School of Medicine	4				
West Virginia University School of Physical Therapy	1				
West Virginia University Graduate School of Nursing	1				
West Virginia University in Charleston	1				

- The following tables and graphs give mean responses to on the following scale:
  - 1 = Strongly Agree
  - 2 = Agree
  - 3 = Neither Agree nor Disagree
  - 4 = Disagree
  - 5 = Strongly Disagree

## Question 16: 1 – 14 (While pursuing my degree at Marshall University, I

Question	Mean	SD	n
1. Acquired a basic knowledge in general education (humanities and social science courses)	1.71	0.700	658
2. Developed the ability to write effectively	1.74	0.740	658
3. Developed the ability to use mathematics effectively	2.26	0.944	653
4. Had sufficient access to and opportunity to use computers	1.52	0.700	658
5. Increased my competency in basic computer operations	1.84	0.850	656
6. Received training in computers and technology that was appropriate for my major field	2.11	0.948	655
7. Acquired sufficient skills and knowledge to prepare for career-related positions	1.86	0.809	657
8. Developed the ability to express myself effectively through speaking	1.86	0.764	659
9. Developed multicultural and global perspectives	1.95	0.865	657
10. Found Writing Intensive courses I took valuable	2.37	1.149	655
11. Developed critical thinking skills	1.69	0.719	657
12. Broadened my appreciation for the arts	2.23	1.029	655
13. Found that the science courses I took increased my understanding of scientific processes	2.27	1.044	654
14. Found the capstone (senior seminar) in my major valuable	2.06	1.109	652

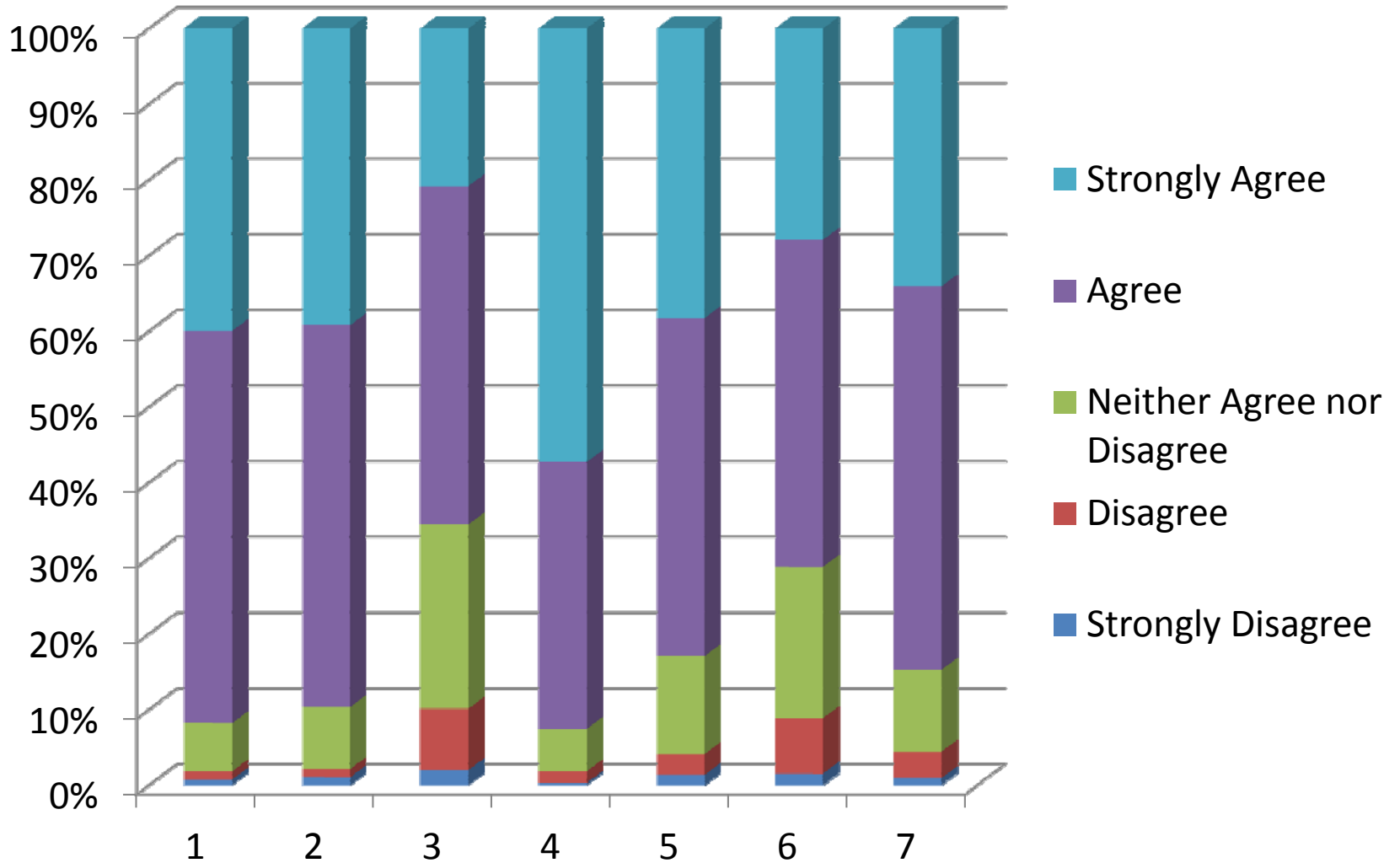
## Mean Agreement with Question 16 (1 – 14)



## Question 16: 1 – 7 (While pursuing my degree at Marshall University, I

Question	Strongly Agree	Agree	<i>Neither Agree nor Disagree</i>	<i>Disagree</i>	<i>Strongly Disagree</i>	Total n
1. Acquired a basic knowledge in general education (humanities and social science courses)	263	341	42	7	5	658
2. Developed the ability to write effectively	258	332	54	7	7	658
3. Developed the ability to use mathematics effectively	136	292	159	53	13	653
4. Had sufficient access to and opportunity to use computers	377	232	37	10	2	658
5. Increased my competency in basic computer operations	251	293	85	18	9	656
6. Received training in computers and technology that was appropriate for my major field	183	283	131	48	10	655
7. Acquired sufficient skills and knowledge to prepare for career-related positions	224	333	71	23	6	657

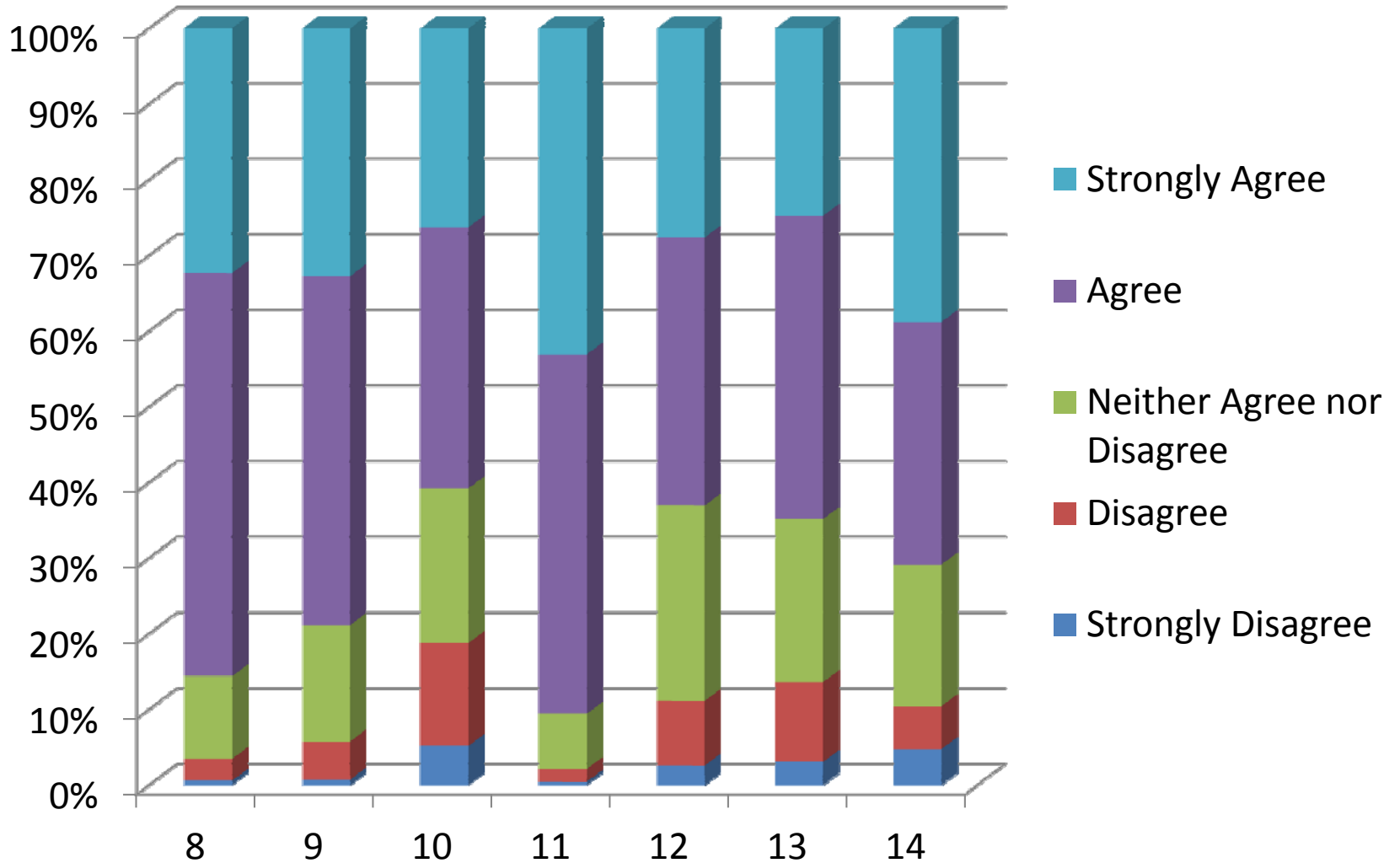
Frequencies for Question 16 (1 – 7)



## Question 16: 8 – 14 (While pursuing my degree at Marshall University, I

Question	Strongly Agree	Agree	<i>Neither Agree nor Disagree</i>	<i>Disagree</i>	<i>Strongly Disagree</i>	Total n
8. Developed the ability to express myself effectively through speaking	213	351	72	19	4	659
9. Developed multicultural and global perspectives	215	303	101	33	5	657
10. Found Writing Intensive courses I took valuable	172	226	134	89	34	655
11. Developed critical thinking skills	283	312	48	11	3	657
12. Broadened my appreciation for the arts	181	232	169	56	17	655
13. Found that the science courses I took increased my understanding of scientific processes	162	262	141	69	20	654
14. Found the capstone (senior seminar) in my major valuable	253	209	122	37	31	652

Frequencies for Question 16 (8 – 14)

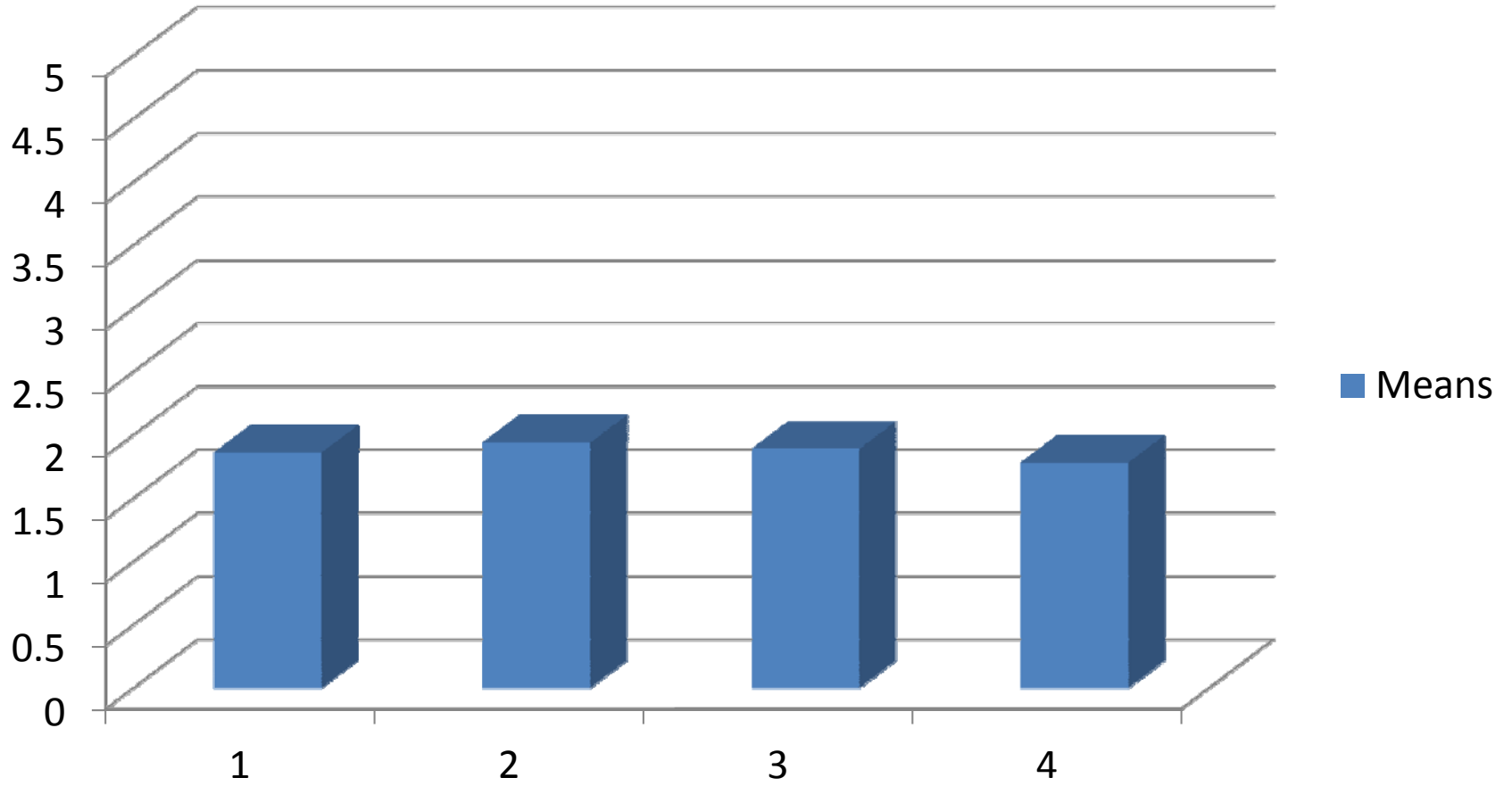




## Question 17: 1 – 4 (Now that I have completed my degree, I

Question	<i>Mean</i>	<i>SD</i>	<i>n</i>
1. Feel adequately prepared for a career and/or graduate or professional study in my major field.	1.86	0.836	658
2. Believe that Marshall University's program in my major field is of high quality.	1.94	0.930	658
3. Would recommend to others that they study the same program at Marshall.	1.89	0.944	657
4. Would recommend Marshall to prospective students.	1.78	0.871	655

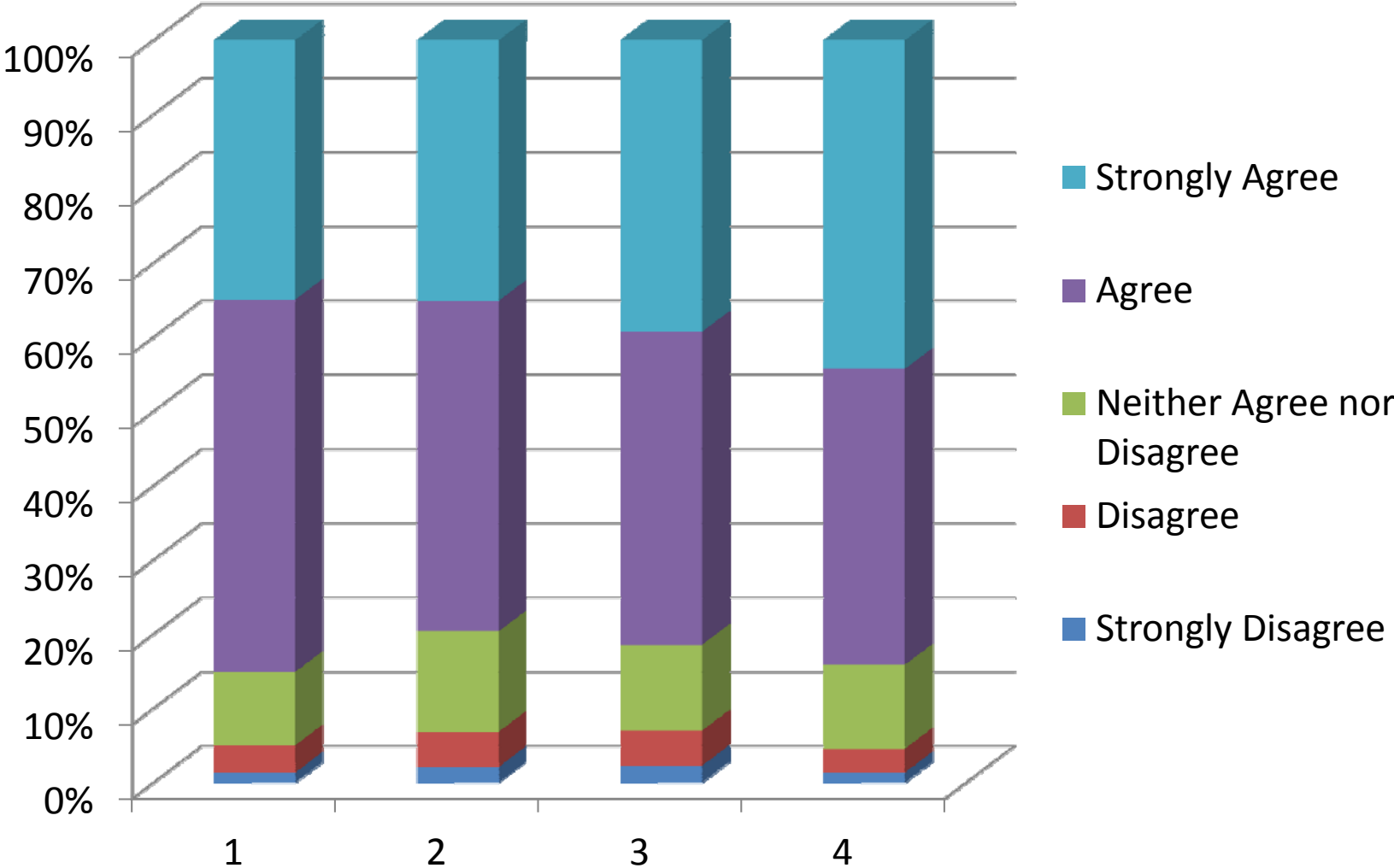
# Mean Agreement with Question 17 (1 – 4)



## Question 17: 1 – 4 (Now that I have completed my degree, I

Question	Strongly Agree	Agree	<i>Neither Agree nor Disagree</i>	<i>Disagree</i>	<i>Strongly Disagree</i>	Total n
1. Feel adequately prepared for a career and/or graduate or professional study in my major field.	230	330	65	24	9	658
2. Believe that Marshall University's program in my major field is of high quality.	231	293	89	31	14	658
3. Would recommend to others that they study the same program at Marshall.	258	277	76	31	15	657
4. Would recommend Marshall to prospective students.	290	261	74	21	9	655

Frequencies for Question 17 (1 - 4)

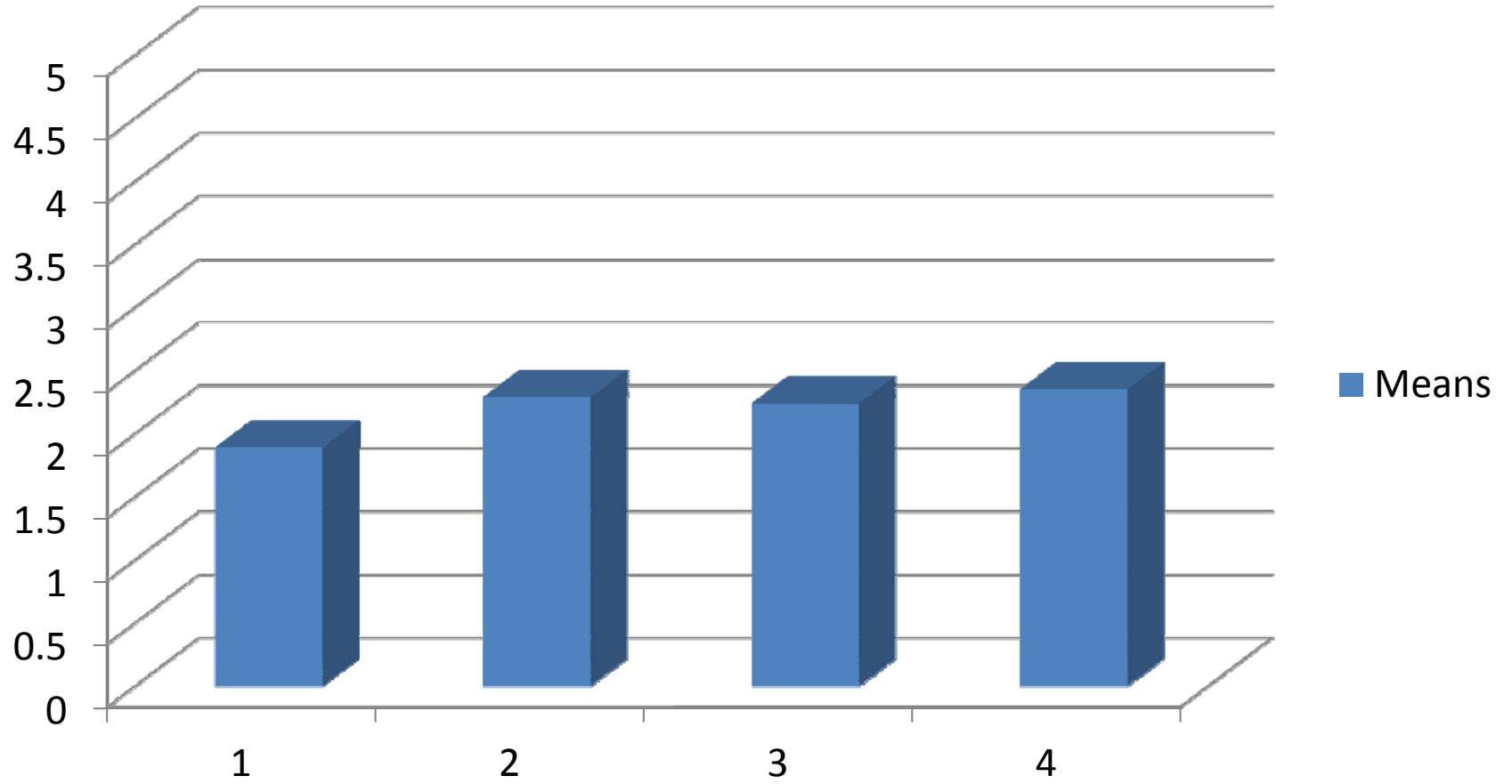


- The following tables and graphs give mean responses to on the following scale:
  - 1 = Very Satisfied
  - 2 = Satisfied
  - 3 = Neutral
  - 4 = Dissatisfied
  - 5 = Very Dissatisfied

Question 18: 1 – 4 (Please Rate your satisfaction with the following at Marshall):

Question	<i>Mean</i>	<i>SD</i>	<i>n</i>
1. Teaching	1.8	0.787	658
2. Advising	2.29	1.132	657
3. Academic Support Services	2.24	0.915	655
4. Classroom/Lab Facilities	2.35	1.007	657

# Mean Satisfaction to Question 18 (1 – 4)

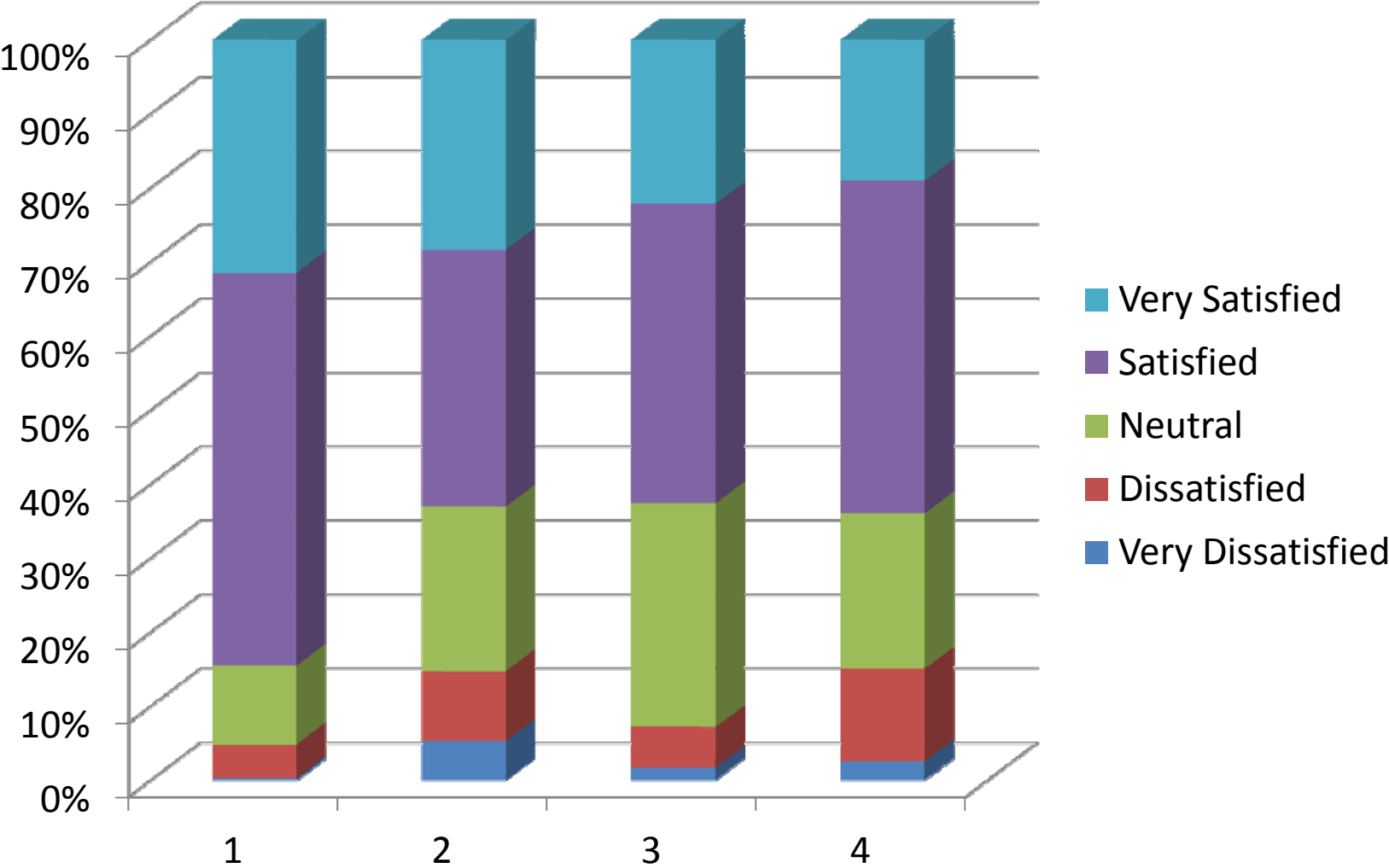


Question 18: 1 – 4 (Please Rate your satisfaction with the following at Marshall):

Question	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Total n
1. Teaching	207	349	70	30	2	658
2. Advising	186	228	146	62	35	657
3. Academic Support Services	145	265	198	36	11	655
4. Classroom/Lab Facilities	125	295	138	82	17	657

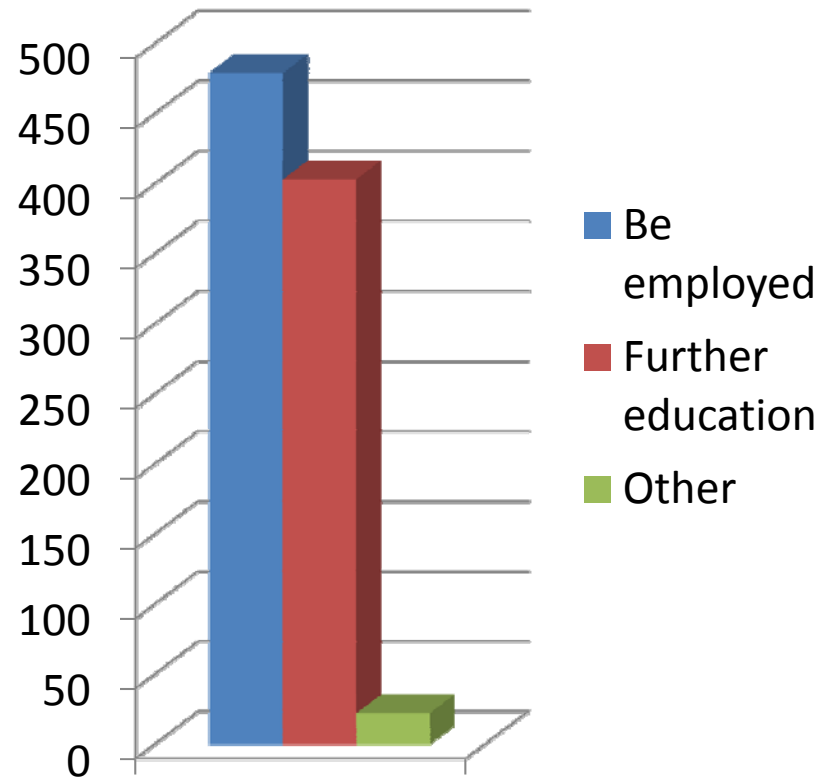


Frequencies for Question 18 (1 - 4)



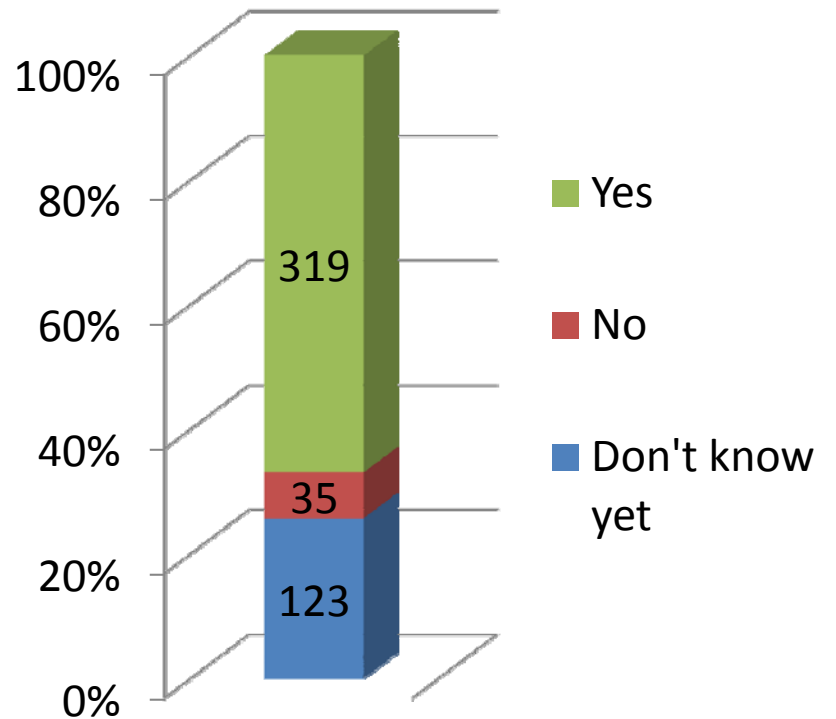
## When I graduate, I plan to (check all that apply)

Category	<i>n</i>
Be employed	479
Further my education	403
Other	22 (Both, Internship, Military, Travel, Volunteer, Undecided)



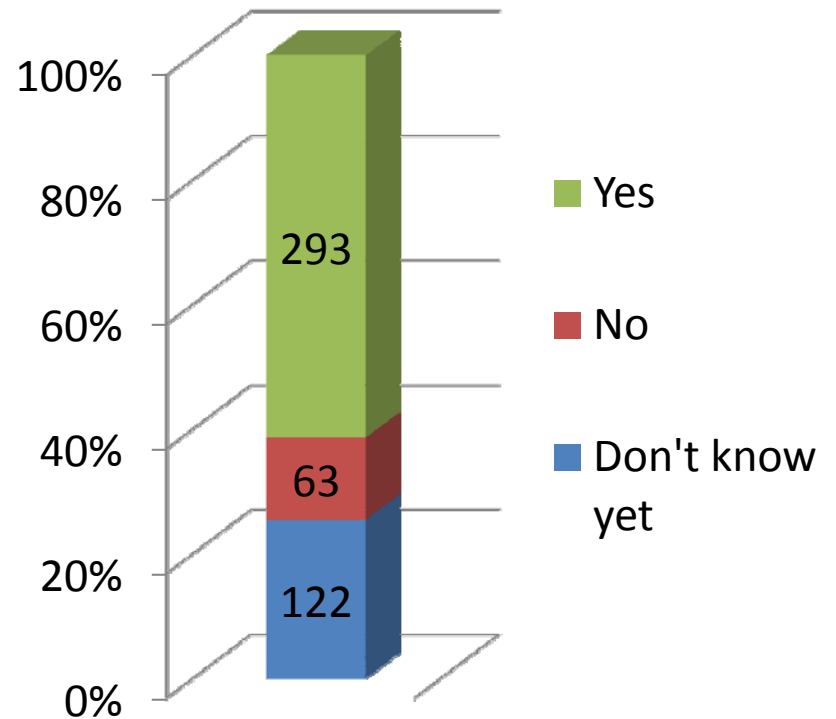
If you plan to be employed after graduation, will your job be in the career path you have chosen?

Category	<i>n</i>
Yes	319
No	35
Don't Know Yet	123
Total	477



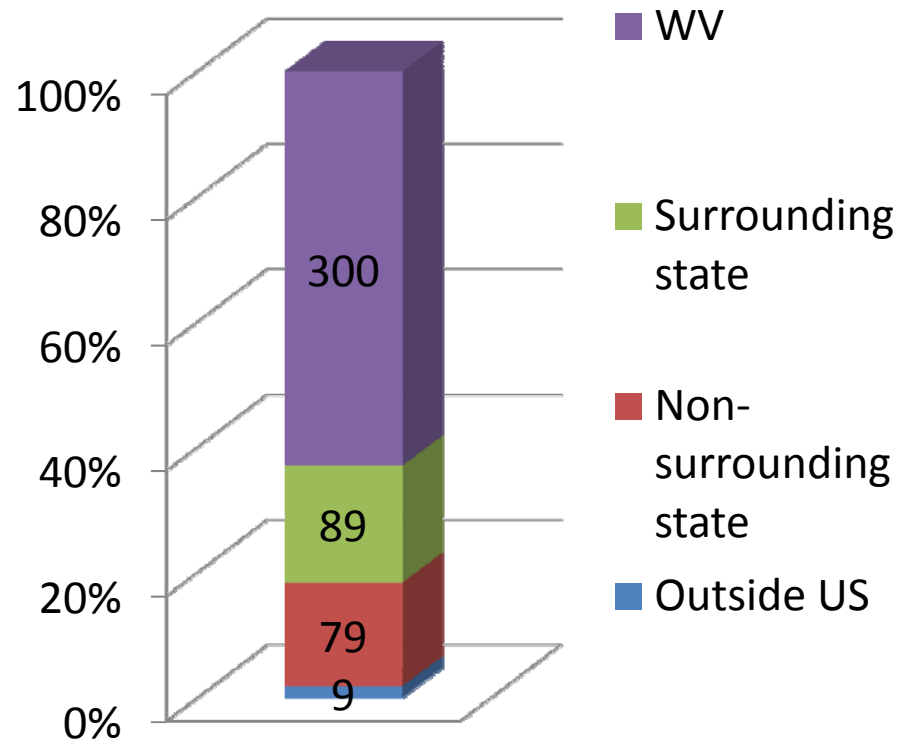
If you plan to be employed after graduation, will your job be in your major field?

Category	<i>n</i>
Yes	293
No	63
Don't Know Yet	122
Total	478



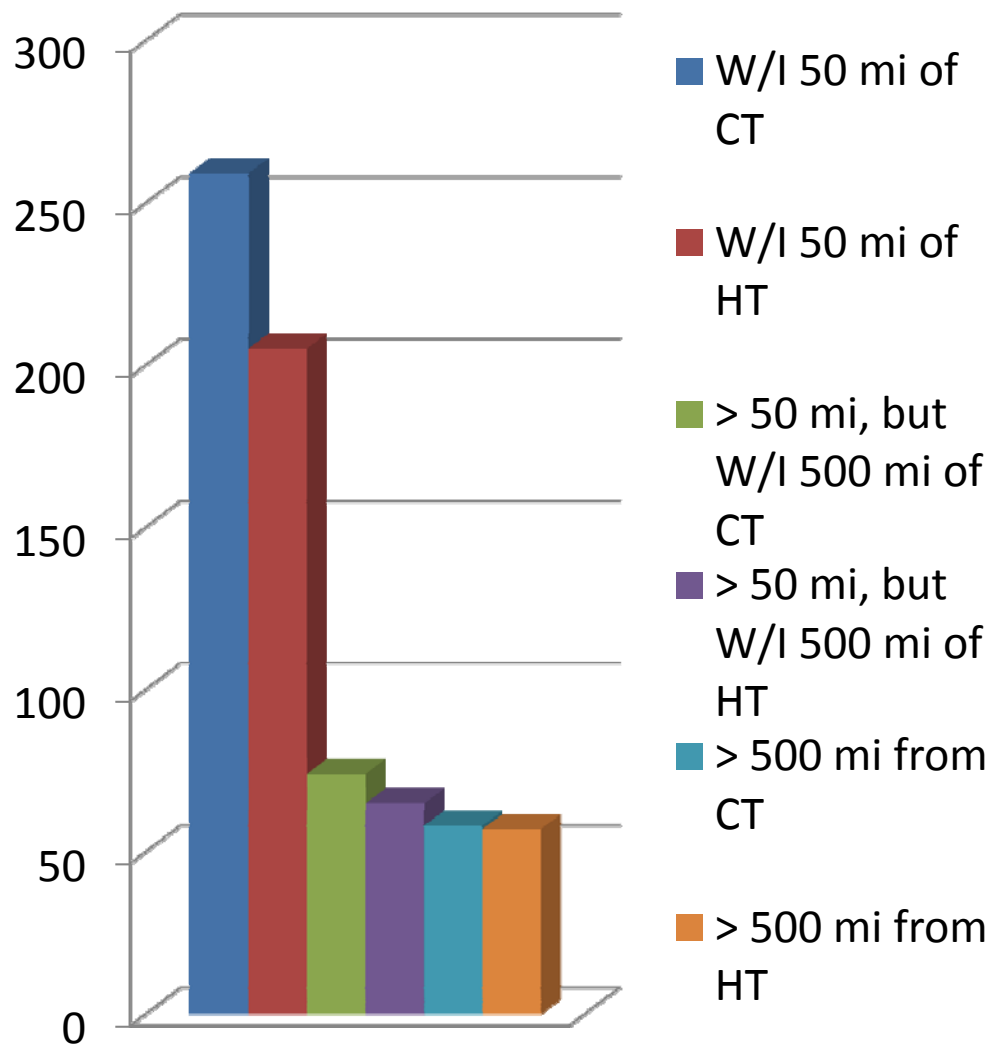
If you plan to be employed after graduation, will your job be

Category	<i>n</i>
In WV?	300
In KY, OH, PA, VA, or MD?	589
In a state other than one mentioned above?	79
In a country other than the US?	9
Total	477



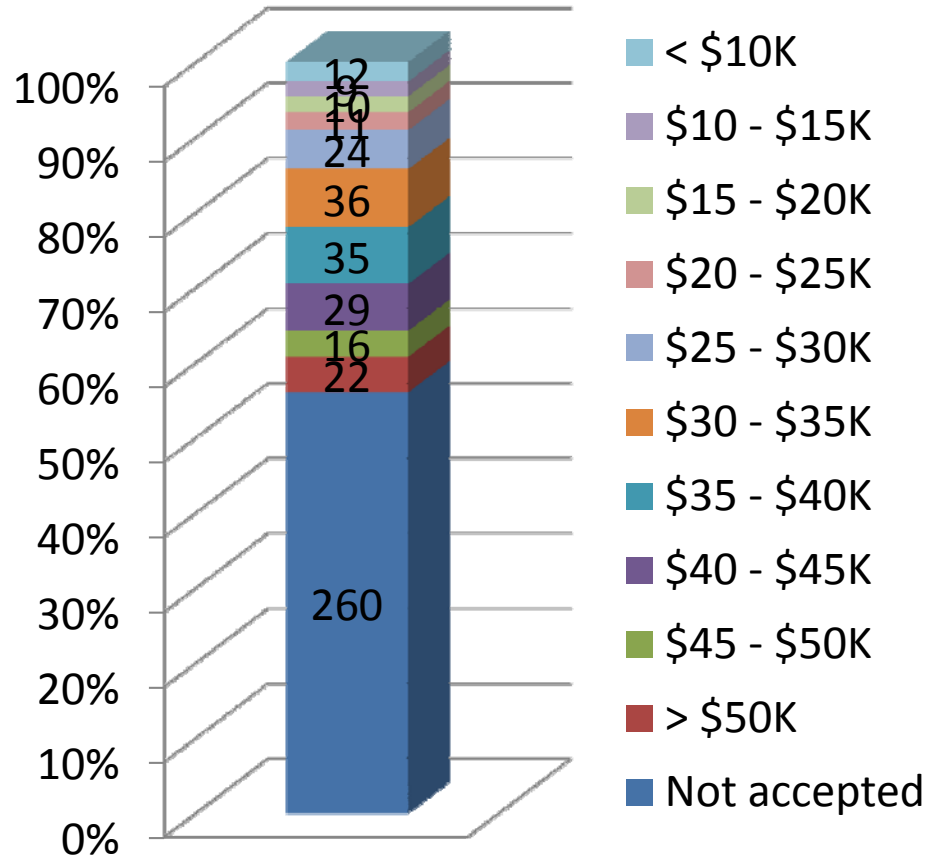
If you plan to be employed after graduation, will your job be (choose all that apply):

Category	<i>n</i>
Within 50 miles of your college town?	259
Within 50 miles of your home town?	205
Over 50 miles, but within 500 miles of your college town?	74
Over 50 miles, but within 500 miles of your home town?	65
Over 500 miles from your college town	58
Over 500 miles from your home town	57



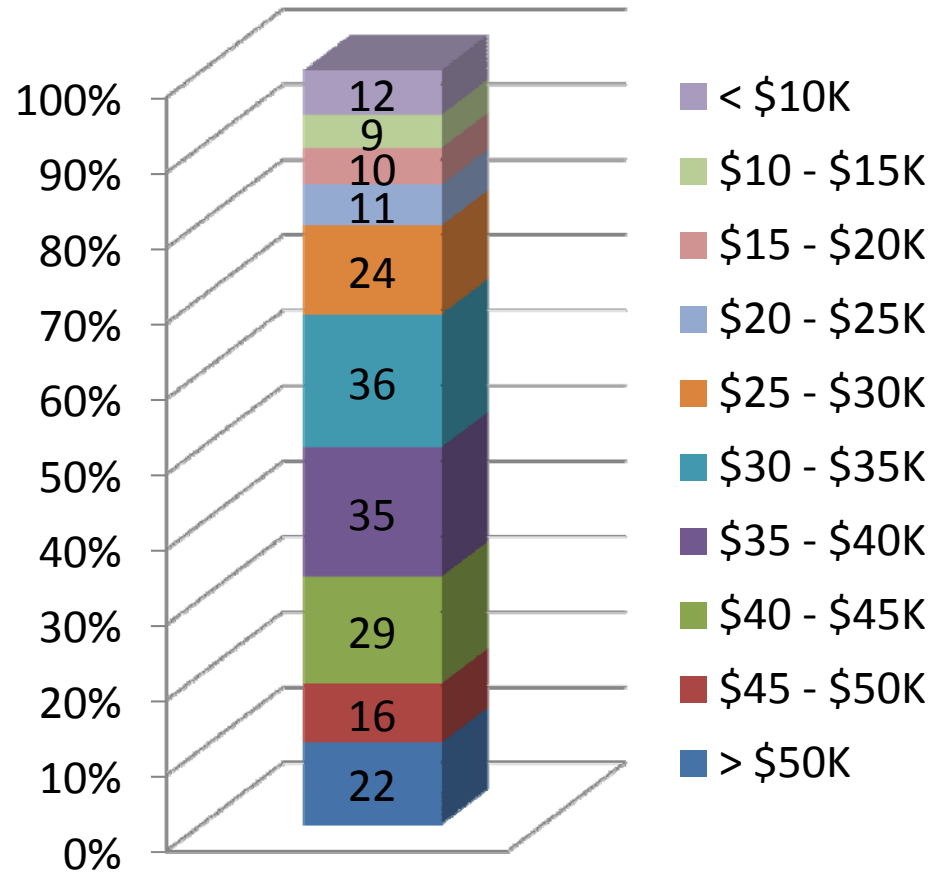
If you have accepted employment, what is your starting salary?

Category	<i>n</i>
\$10,000 or less	12
\$10,001 - \$15,000	9
\$15,001 - \$20,000	10
\$20,001 - \$25,000	11
\$25,001 - \$30,000	24
\$30,001 - \$35,000	36
\$35,001 - \$40,000	35
\$40,001 - \$45,000	29
\$45,001 - \$50,000	16
More than \$50,000	22
I have not yet accepted employment	260
Total	464



If you have accepted employment, what is your starting salary? (This chart eliminates the 260 respondents who had not accepted employment at the time of the survey)

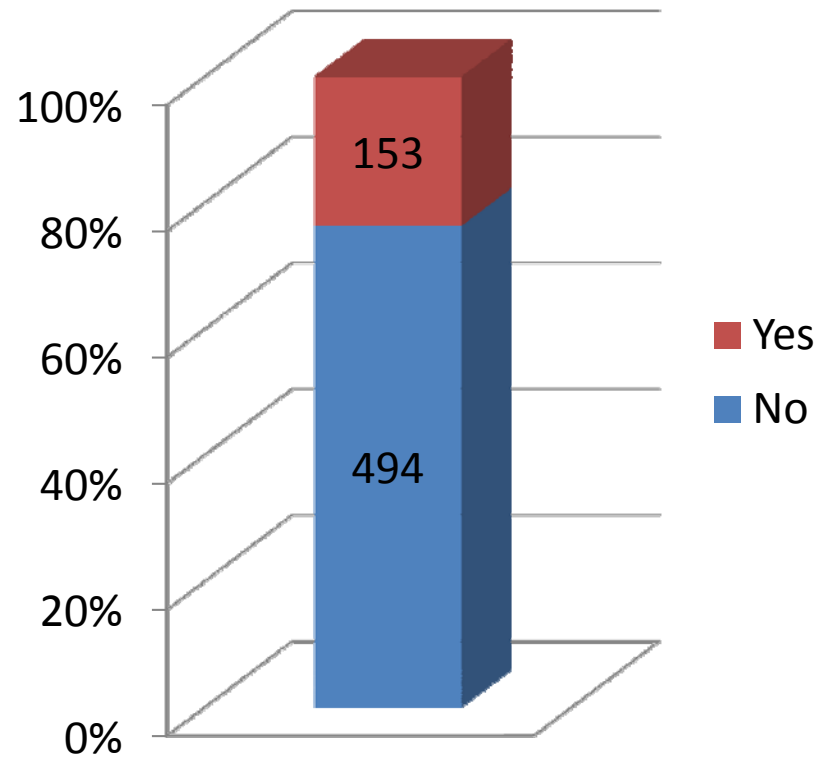
Category	<i>n</i>
\$10,000 or less	12
\$10,001 - \$15,000	9
\$15,001 - \$20,000	10
\$20,001 - \$25,000	11
\$25,001 - \$30,000	24
\$30,001 - \$35,000	36
\$35,001 - \$40,000	35
\$40,001 - \$45,000	29
\$45,001 - \$50,000	16
More than \$50,000	22
Total	204





## Did Career Services help you with your career path?

Category	<i>n</i>
Yes	153
No	494
Total	647



If Career Services helped you with your career path, please indicate services used (Check all that apply)

Category	<i>n</i>
Marshall Job Trax	130
Resume Assistance	101
Career Advising	32
Mock Interviewing	16
On-Campus Recruitment Event	18
Career Fair	40
Other	6 (Business Cards, Residence Hall Programs, Internship)

