# 2012-2013 Graduation Survey Data Summer and Fall (2012) and Spring (2013) Marshall University

Office of Assessment and Program Review

- These data are for academic year 2012 2013. Unless otherwise noted, all findings are essentially unchanged since spring 2012.
- Overall response rate was 42% (717 respondents out of 1,704 graduates) up from 34.5% in spring 2012.
- 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 (3.18) was significantly higher than that of all graduates (3.10), but the effect size was small.
- Response rates did not differ significantly across colleges.
- Respondents did not differ from the cohort in terms of race and age.

- Most respondents were single with no children, were WV residents, and completed their entire education at Marshall.
- Thirty-four percent (compared to 41% in spring 2012) reported no educational debt, while 40% (compared to 33% in spring 2012) reported debt greater than \$20,000.
- Most respondents stated that their educational objective was to begin their first career.
- Fifty-seven percent (compared to 56% in spring 2012) of respondents said they had participated in an internship or practicum, with 58% (compared to 66% in spring 2012) believing this experience had helped them find employment.
- Fifty-six percent (as compared to 61% in spring 2012) of respondents indicated that they intend to pursue graduate studies, while only 4% (as compared to 6% in spring 2012) 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.

- 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 three out of fourteen items. These categories were the same as those identified in spring 2012.
  - I developed the ability to use mathematics in everyday life (2.33)
  - Writing intensive courses helped me to improve my writing skills (2.17)
  - I broadened my appreciation for the arts (2.40)

- 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 (1.89) than with
  - the quality of advising (2.31)
  - academic support services (2.30)
  - classroom and lab facilities (2.28)
- Sixty-eight percent (down from 71% in spring 2012) of respondents plan to be employed in their major field, 10% not in their major field, and 22% were unsure at the time of the survey.
- Fifty-nine percent (down from 61% in spring 2012) plan to work in WV.
- Fifty-eight percent (of the 501 students who answered the question) reported having accepted a job (up from 38% in spring 2012). Of those, 60% will earn more than \$30,000 annually (down slightly from 64% in spring 2012).
- Only 22% of respondents reported using Career Services, with JobTrax and Resume Assistance used most frequently.

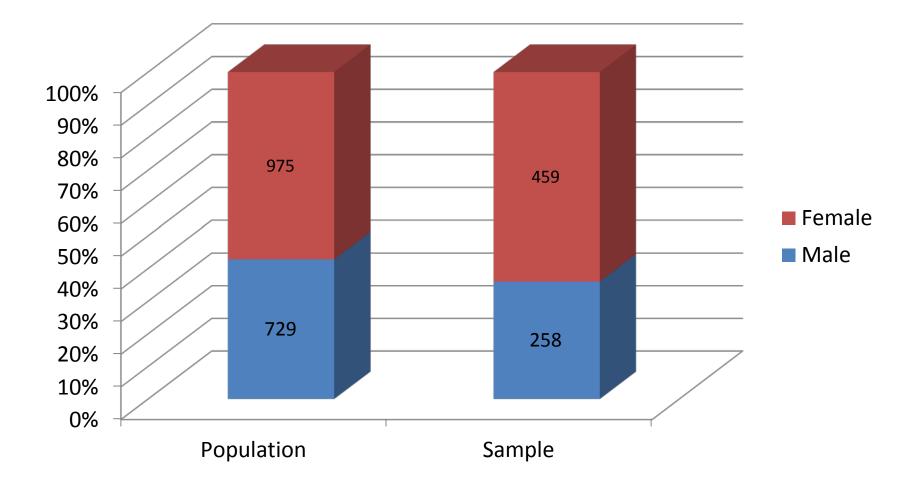
# 2012 – 2013 Response Rate by College by Semester

College	Summer 2012	Fall 2012	Spring 2013	Total
СОВ	9/39 = 23%	41/82 = 50%	65/154 = 42%	115/275 = 42%
COE	2/6 = 33%	57/92 = 62%	51/97 = 53%	110/195 = 56%
COFA	0/1 = 0%	11/22 = 50%	13/35 = 37%	24/58 = 41%
СОНР	6/23 = 23%	32/93 = 34%	80/235 = 34%	118/351 = 34%
SOJMC	5/8 = 63%	10/19 = 53%	19/36 = 53%	34/63 = 54%
COLA	8/39 = 21%	35/78 = 45%	71/178 = 40%	114/295 = 39%
COS	3/13 = 23%	22/51 = 43%	49/108 = 45%	74/172 = 43%
CITE	2/5 = 40%	11/17 = 65%	19/42 = 45%	32/64 = 50%
RBA	6/48 = 13%	46/96 = 48%	46/87 = 53%	96/231 = 42%
Total	41/182 = 23%	260/550 = 47%	422/972 = 43%	717/1,704 = 42%

#### Population/Sample Demographic Comparisons: Gender; $X^2$ (1) = 9.659, p = .002

Population Category	# (%)	Sample Category	# (%)	Response Rate
Male	729 (43%)	Male	258 (36%)	35%
Female	975(57%)	Female	459 (64%)	47%
Total	1,704 (100%)	Total	717 (100%)	42%

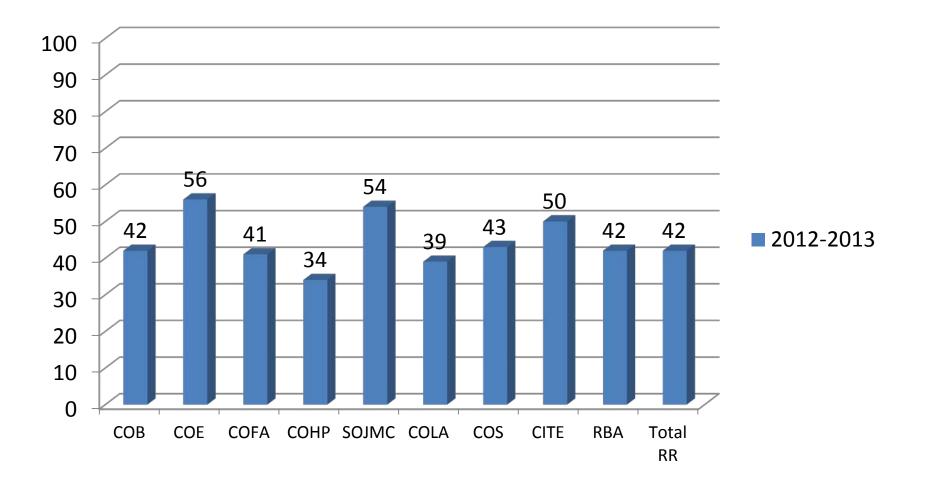
Population/Sample Demographic Comparisons: Gender;  $X^2$  (1) = 9.659, p = .002



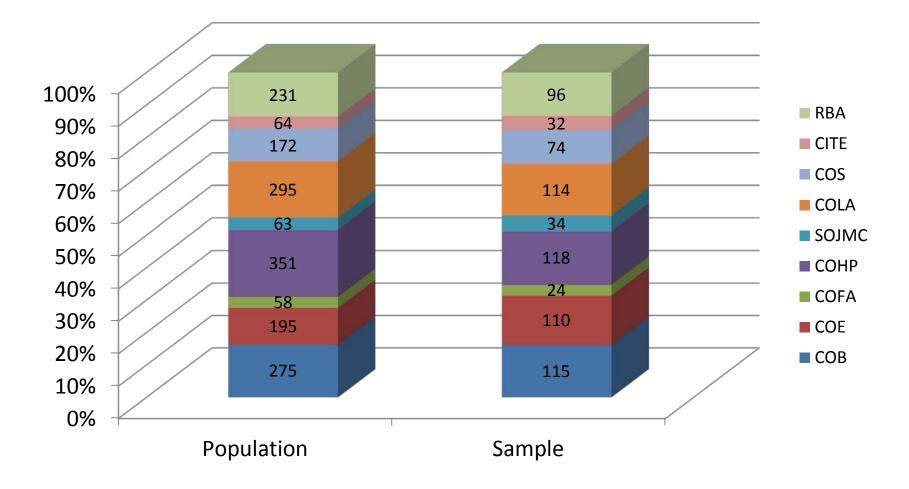
## Population/Sample Demographic Comparisons: College; ns

Population Category	# (%)	Sample Category	# (%)	Response Rate
СОВ	275 (16%)	LCOB	115 (16%)	42%
COE	195 (11%)	COE	110 (15%)	56%
COFA	58 (3%)	COFA	24 (3%)	41%
СОНР	351 (21%)	СОНР	118 (17%)	34%
SOJMC	63 (4%)	SOJMC	34 (5%)	54%
COLA	295 (17%)	COLA	114 (16%)	39%
COS	172 (10%)	COS	74 (10%)	43%
CITE	64 (4%)	CITE	32 (5%)	50%
RBA	231 (14%)	RBA	96 (13%)	42%
Total	1,704 (100%)	Total	717 (100%)	42%

Response Rate by College (#s indicate percentages)



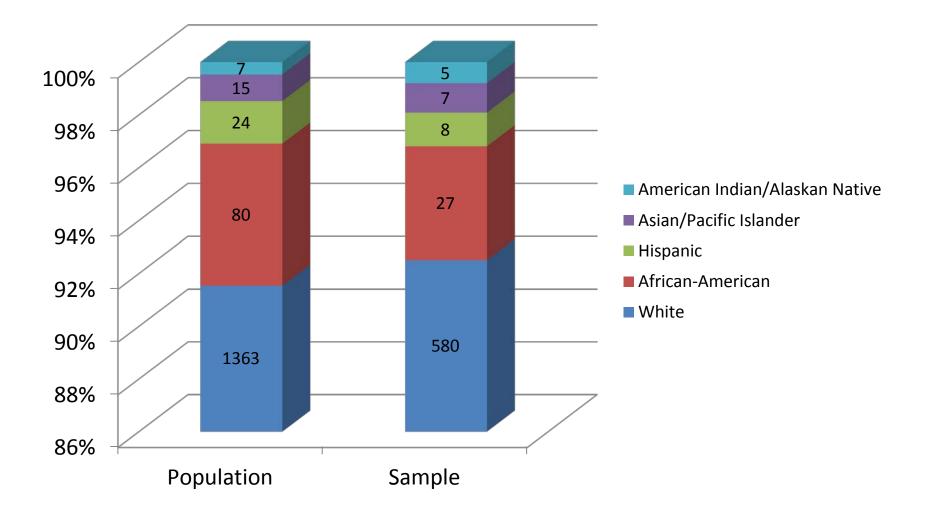
### Population/Sample Demographic Comparisons: College; ns



# Population/Sample Demographic Comparisons: Race; ns

Population Category	# (%)	Sample Category	# (%)	Response Rate
White	1,363 (91.5%)	White	580 (93%)	43%
African- American	80 (5%)	African- American	27 (4%)	34%
Hispanic	24 (2%)	Hispanic	8 (1%)	33%
Asian/Pacific Islander	15 (1%)	Asian/Pacific Islander	7 (1%)	47%
American Indian/Alaskan Native	7 (0.5%)	American Indian/Alaskan Native	5 (1%)	71%
Total	1,489 (100%)	Total	627 (100%)	42%

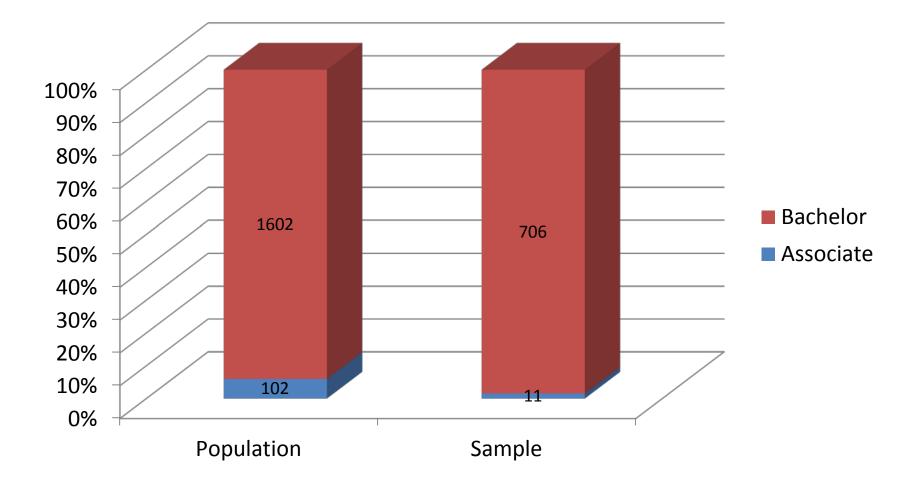
## Population/Sample Demographic Comparisons: Race; ns



Population/Sample Demographic Comparisons: Degree Earned;  $X^2$  (1) = 22.477, p < .001

Population Category	# (%)	Sample Category	# (%)	Response Rate
Associate's Degree	102 (6%)	Associate's Degree	11 (1.5%)	11%
Bachelor's Degree	1,602 (94%)	Bachelor's Degree	706 (98.5%)	44%
Total	1,704 (100%)	Total	717 (100%)	42%

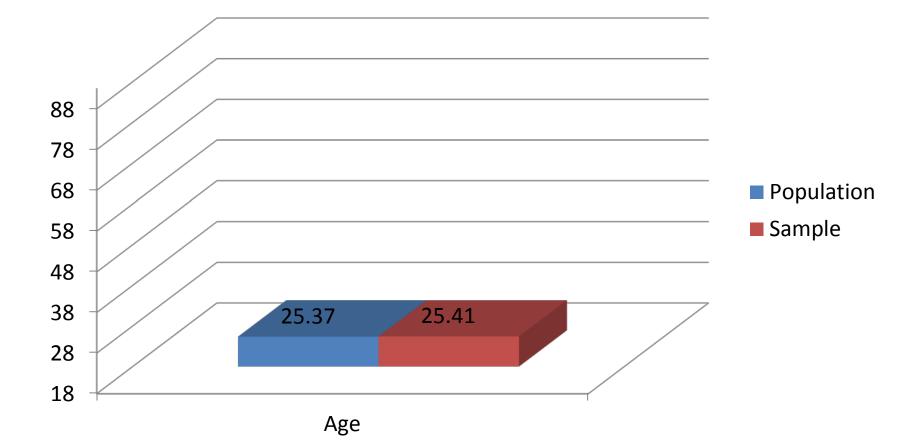
Population/Sample Demographic Comparisons: Degree Earned;  $X^2$  (1) = 22.477, p < .001



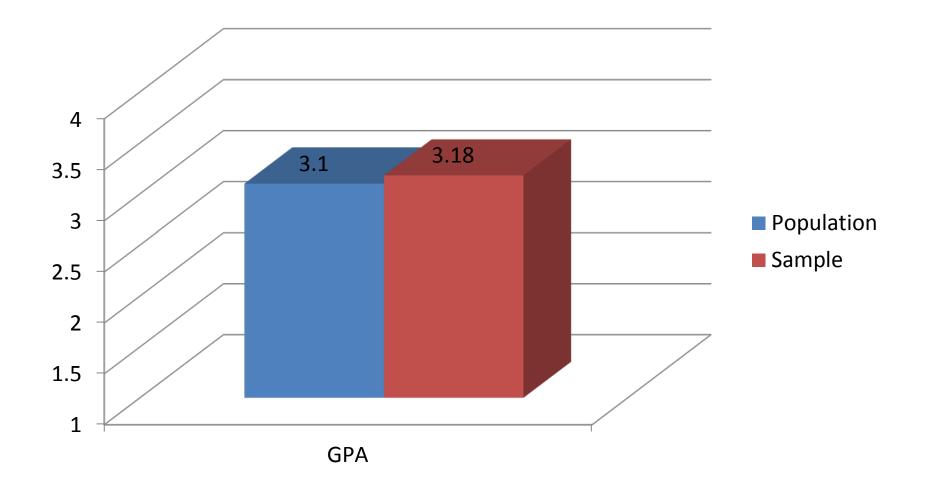
Population/Sample Demographic Comparisons: Age and GPA; Age is *ns*, but GPA is significant, t(716) = 4.323, p < .001. However, the effect size is small.

Population Category	Mean ( <i>SD</i> )	Median	Range
Age ( <i>n</i> = 1,704)	25.37 (6.48)	23	20 – 67
GPA ( <i>n</i> = 1,704)	3.10 (0.48)	3.12	1.86 - 4.00
Sample Category			
Age ( <i>n</i> = 717)	25.41 (6.75)	23	20 - 60
GPA ( <i>n</i> = 717)	3.18 (0.48)	3.22	1.86 - 4.00

Population/Sample Demographic Comparisons: Mean Age; ns

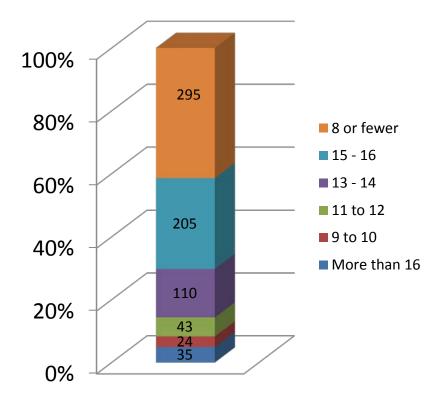


#### Population/Sample Demographic Comparisons: Mean GPA; t(716) = 4.323, p < .001. However, the effect size is small.



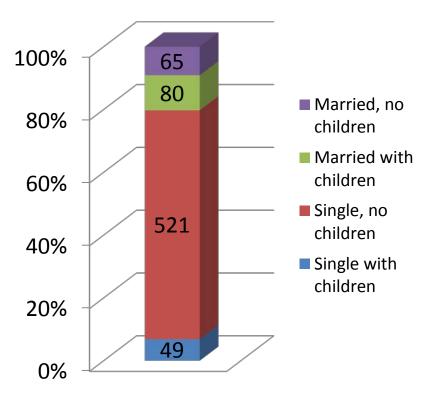
### # of Semesters to Complete Degree

Category	N
8 or fewer	295
9 – 10	208
11 – 12	110
13 – 14	43
15 – 16	24
More than 16	35
Total	715



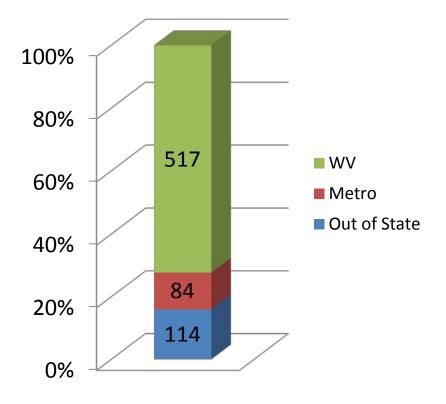
# **Family Status**

Category	N
Married, no children	65
Married with children	80
Single, no children	521
Single with children	49
Total	715



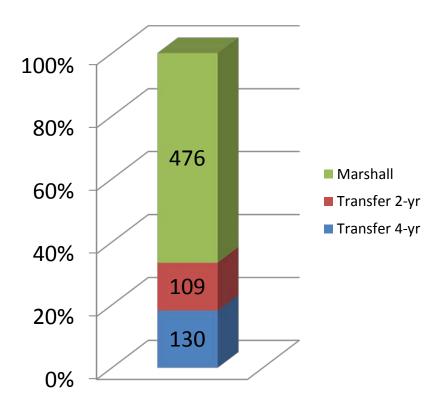
#### Residence at time of admission

Category	n
West Virginia	517
Metro	84
Out of State	114
Total	715



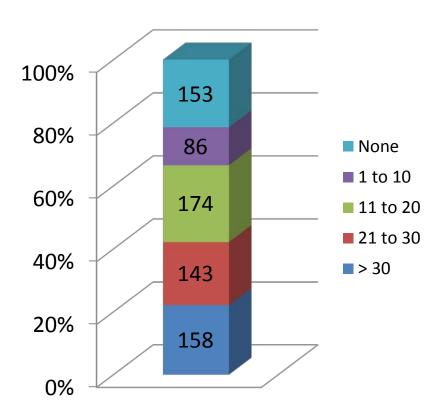
### While pursuing your degree, did you

Category	n
Originally Enroll and Stay at Marshall?	476
Transfer from a 2-Year institution?	109
Transfer from another 4-year institution?	130
Total	715



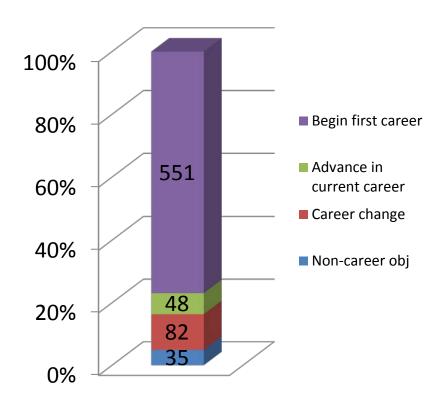
During the last year of your studies, how many hours a week did you work while attending classes?

Category	n
None	153
1 - 10	86
11 - 20	174
21 - 30	143
More than 30	158
Total	714



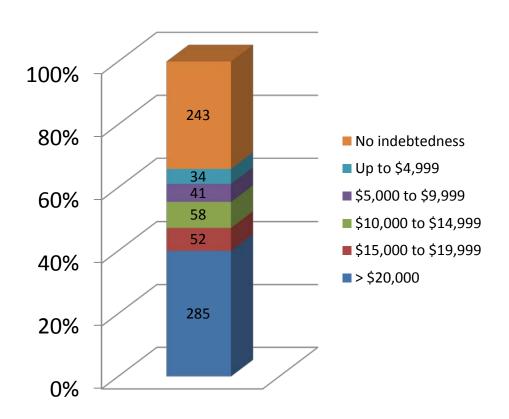
Which of the following best describes your educational objective while attending Marshall University.

Category	n
Begin first career	551
Advance in current career	48
Career Change	82
Non-Career Objective	35
Total	716



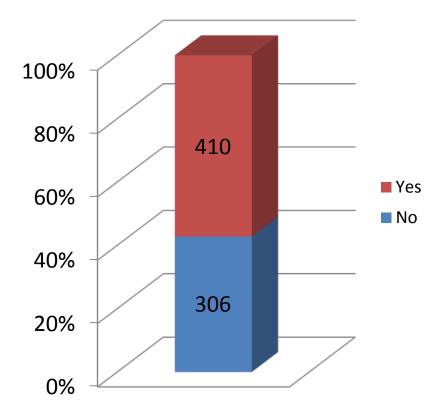
Upon graduation, what was the dollar amount of your educational loan indebtedness?

Category	n	
No indebtedness	243	
Up to \$4,999	34	
\$5,000 - \$9,999	41	
\$10,000 - \$14,999	48	
\$15,000 - \$19,999	52	
> \$20,000	285	
Total	713	



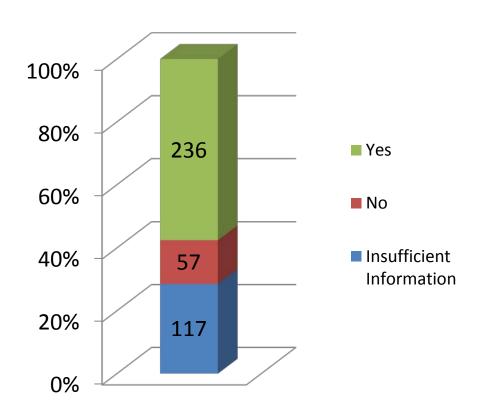
Did you take part in an internship, practicum or other structured work experience related to your major?

Category	n
Yes	410
No	306
Total	716



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

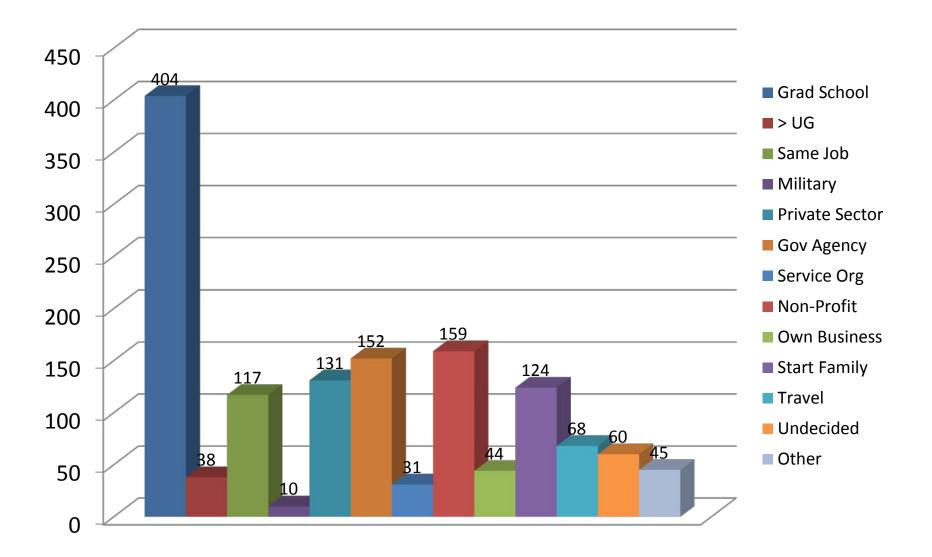
Category	n
Yes	236
No	57
Insufficient Information to answer question	117
Total	410



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

Category	n
Attend Graduate School	404
Complete additional undergraduate coursework	38
Continue to work at the same job I have at present	117
Enter the military	10
Work for a private sector company or corporation	131
Work for a local, state, or federal agency	152
Work for a volunteer or service organization, e.g. Peace Corps, AmeriCorps, City Year, etc.	31
Work for a non-profit organization, e.g. hospital, university, public school, etc.	159
Begin my own business	44
Start or raise a family	124
Take time off (to travel, etc.)	68
Undecided or no plans	60
Other	45

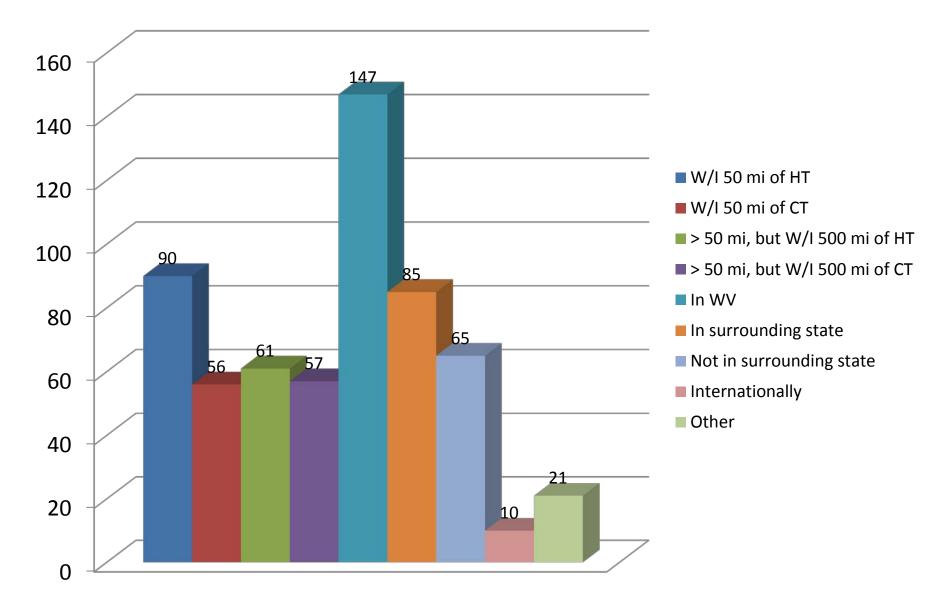
#### When I graduate from Marshall University I plan to (check all that apply)



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

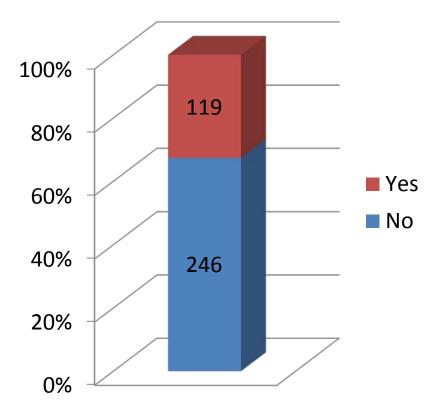
Category	n
Within 50 miles of my college town	90
Within 50 miles of my home town	56
Over 50 miles, but within 500 miles of my college town	61
Over 50 miles, but within 500 miles of my home town	57
In WV	147
In at least one of WV's neighboring states (OH, KY, VA, MD, PA)	85
Within the US, but outside the above boundaries	65
Internationally	10
Other	21

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	n
Yes	119
No	246
Total	365



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

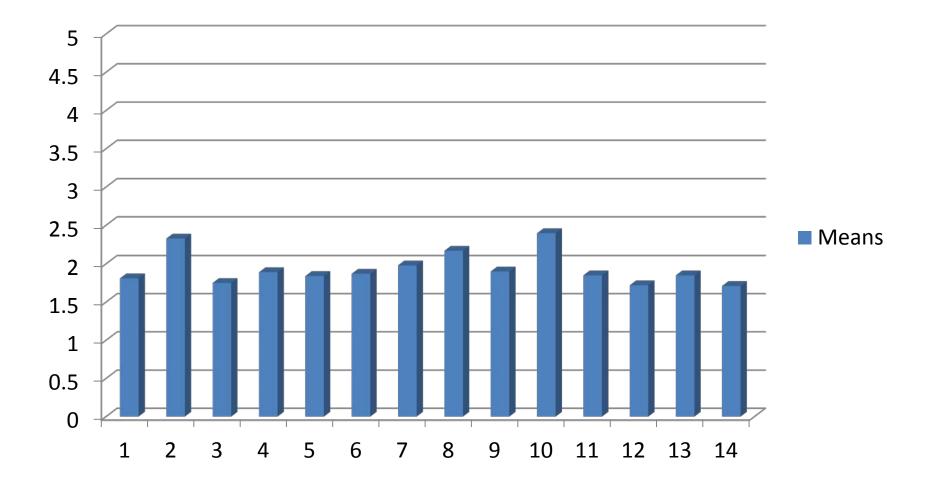
School	n	School	n		
Auburn University College of Veterinary Medicine	1	Northhampton	2	University of Kentucky	2
Bellarmine University	1	New York University School of Law	1	University of Louisville Brandeis School of law	1
Chapman University	1	Ohio University	2	University of North Carolina - Chapel Hill	1
California State University at Sacramento	1	Palmer College of Chiropractic	2	University of North Carolina School of Medicine	1
Florida Atlantic University	1	Radford University	1	University of Pittsburgh	1
Florida International University College of Law	1	Rochester Institute of Technology	1	University of Tennessee	3
Franciscan University of Steubenville	1	Southern College of Optometry	1	Virginia Maryland Regional College of Veterinary Medicine	1
James Madison University	1	The Ohio State University	2	Virginia Tech	1
Liberty University	1	The University of Texas, Pan American	1	West Virginia University	9
Marshall University	43	Trevecca Nazarene University	1	West Virginia University College of Law	1
Marshall University's Joan C Edwards School of Medicine	7	Troy University of Alabama	1	West Virginia University School of Medicine	2
Marshall University School of Pharmacy	1	University of Alabama School of Law	1	William & Mary's Marshall- Wythe School of Law	1
Marshall University School of Physical Therapy	1	University of Central Florida	2	WVU School of Dentistry	1
Medaille College	1	University of Charleston	1	Decision not yet made	5

- The following tables and graphs give mean responses according to 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,

Question	Mean	SD	n
1. I developed the ability to write effectively.	1.81	0.731	701
2. I developed the ability to use mathematics in everyday life.	2.33	0.939	702
3. I learned to find scholarly information, to evaluate it critically and to use it effectively.	1.75	0.722	700
4. I gained expertise in the use of technology important in my field of study.	1.89	0.825	703
5. I acquired sufficient skills and knowledge to prepare for career-related positions.	1.84	0.801	700
6. I developed the ability to express myself effectively through speaking.	1.87	0.786	703
7. I developed multicultural and global perspectives.	1.98	0.824	698
8. Writing intensive courses helped me to improve my writing skills.	2.17	1.028	700
<ol> <li>My classes challenged me to analyze and evaluate issues and to solve real-world problems in a manner that is ethical and supportive of our civic well- being.</li> </ol>	1.90	0.822	703
10. I broadened my appreciation for the arts.	2.40	1.078	695
11. My capstone course challenged me to do my best work.	1.85	0.954	700
12. I learned to examine issues from multiple perspectives.	1.72	0.703	701
13. I learned to use what I know to solve novel problems.	1.85	0.716	700
14. I learned to assess my own values and examine other viewpoints and credible evidence.	1.71	0.707	700

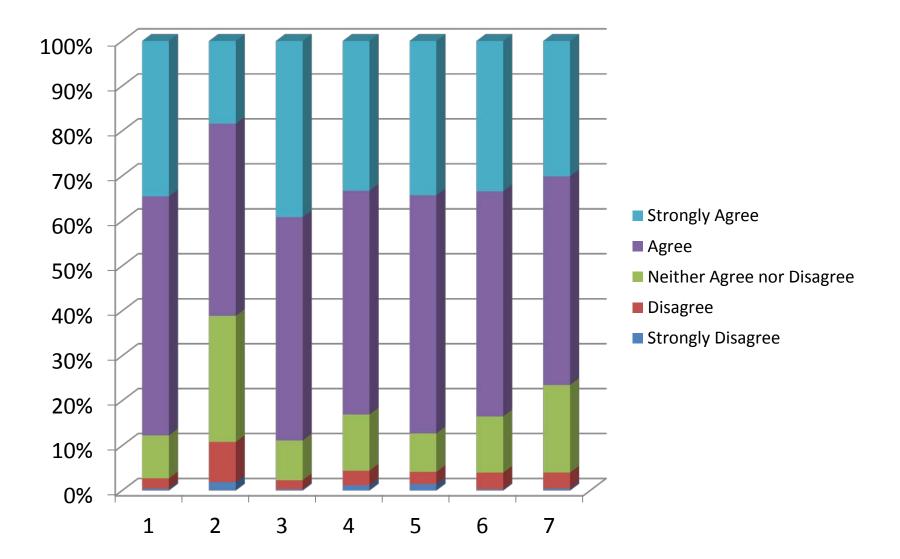
Mean Agreement with Question 16 (1 - 14)



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

Question	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree	Total n
1. I developed the ability to write effectively.	242	373	67	16	3	701
2. I developed the ability to use mathematics in everyday life.	129	300	197	63	13	702
3. I learned to find scholarly information, to evaluate it critically and to use it effectively.	274	348	62	14	2	700
4. I gained expertise in the use of technology important in my field of study.	234	350	88	23	8	703
5. I acquired sufficient skills and knowledge to prepare for career-related positions.	240	371	60	19	10	700
<ol> <li>I developed the ability to express myself effectively through speaking.</li> </ol>	235	352	88	26	2	703
7. I developed multicultural and global perspectives.	210	324	136	25	3	698

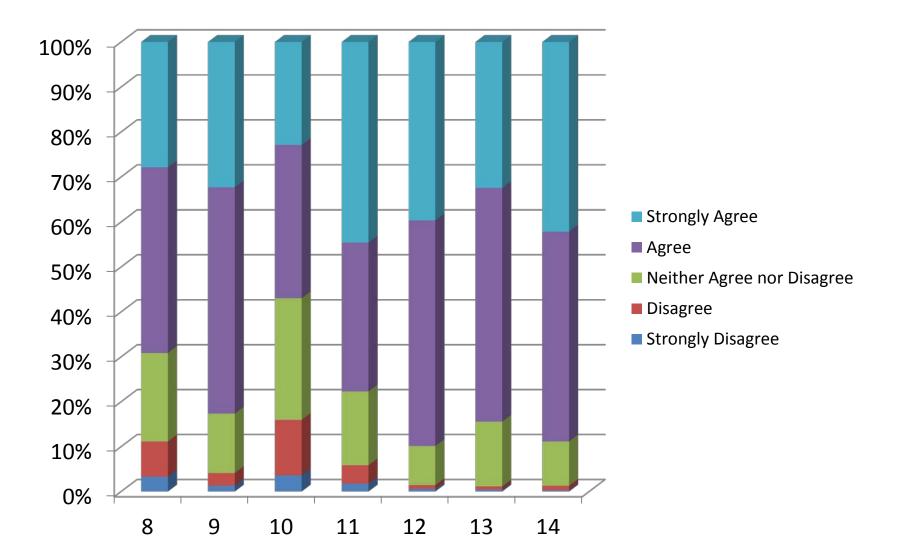
### Frequencies for Question 16 (1 - 7)



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

Question	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree	Total n
8. Writing intensive courses helped me to improve my writing skills.	195	289	138	55	23	700
<ol> <li>My classes challenged me to analyze and evaluate issues and to solve real-world problems in a manner that is ethical and supportive of our civic well-being.</li> </ol>	227	354	93	20	9	703
10. I broadened my appreciation for the arts.	159	237	188	86	25	695
11. My capstone course challenged me to do my best work.	312	232	115	29	12	700
12. I learned to examine issues from multiple perspectives.	278	352	61	6	4	701
13. I learned to use what I know to solve novel problems.	227	364	101	5	3	400
14. I learned to assess my own values and examine other viewpoints and credible evidence.	295	327	69	7	2	700

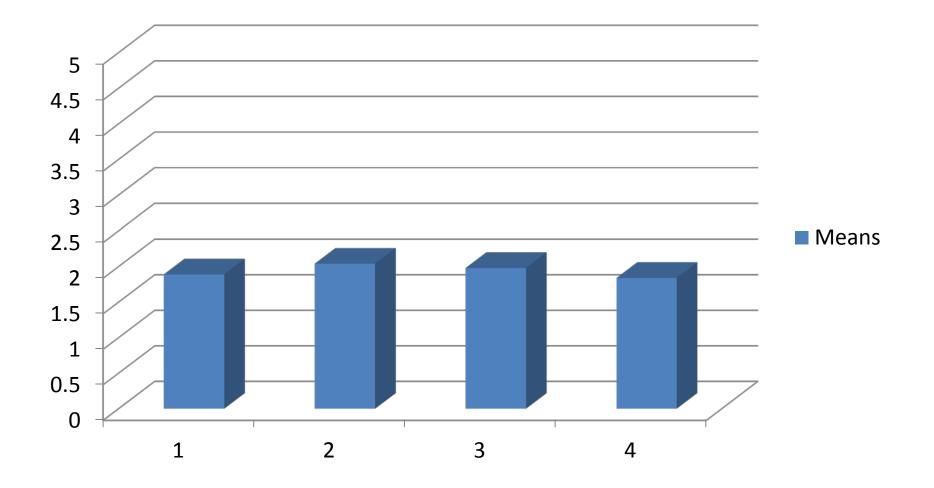
Frequencies for Question 16 (8 - 14)



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

Question	Mean	SD	n
<ol> <li>Feel adequately prepared for a career and/or graduate or professional study in my major field.</li> </ol>	1.89	0.865	702
<ol> <li>Believe that Marshall University's program in my major field is of high quality.</li> </ol>	2.04	0.983	701
3. Would recommend to others that they study the same program at Marshall.	1.98	1.001	700
4. Would recommend Marshall to prospective students.	1.84	0.904	698

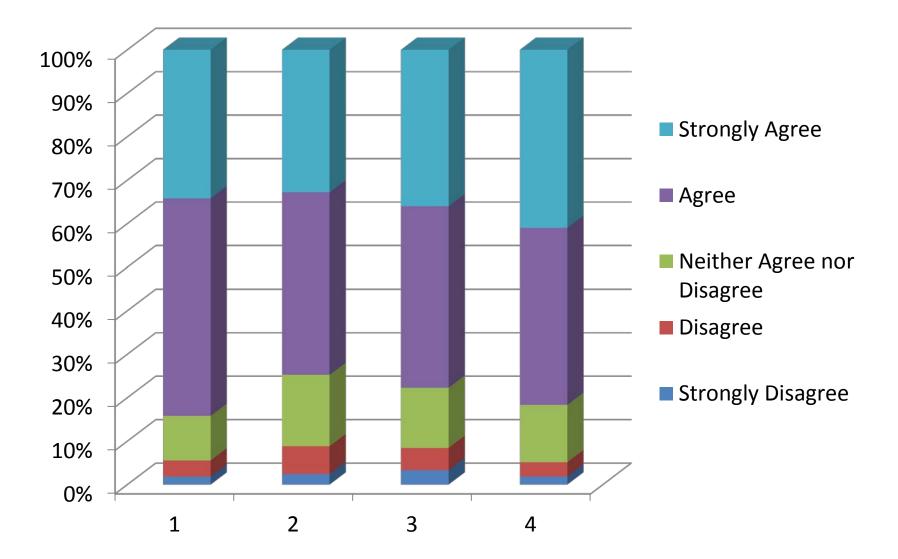
Mean Agreement with Question 17 (1-4)



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

Question	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree	Total n
<ol> <li>Feel adequately prepared for a career and/or graduate or professional study in my major field.</li> </ol>	240	351	72	26	13	702
2. Believe that Marshall University's program in my major field is of high quality.	230	294	115	45	17	701
3. Would recommend to others that they study the same program at Marshall.	252	292	97	36	23	700
4. Would recommend Marshall to prospective students.	286	284	92	23	13	698

### Frequencies for Question 17 (1 - 4)

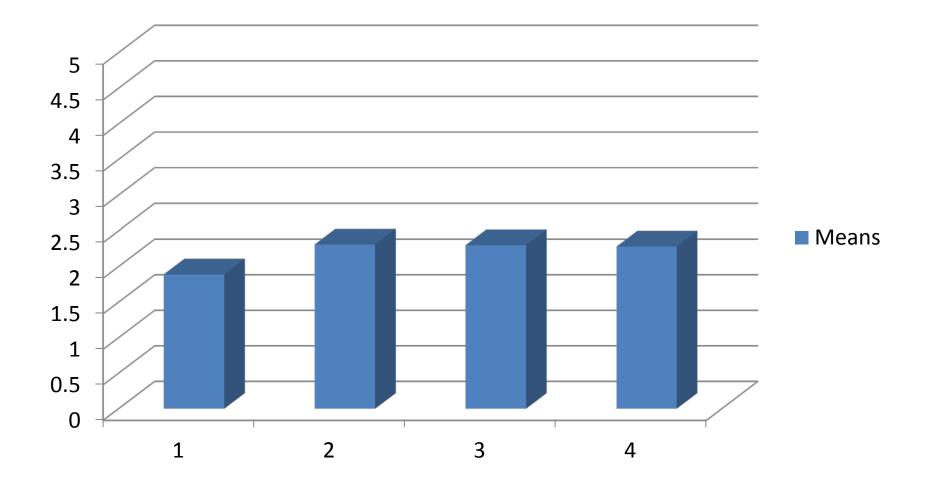


- The following tables and graphs give mean responses according to the following scale:
  - •1 = Very Satisfied
  - •2 = Satisfied
  - •3 = Neutral
  - •4 = Dissatisfied
  - •5 = Very Dissatisfied

Question	Mean	SD	n
1. Teaching	1.89	0.735	701
2. Advising	2.31	1.164	701
3. Academic Support Services	2.30	0.944	701
4. Classroom/Lab Facilities	2.28	0.895	699

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

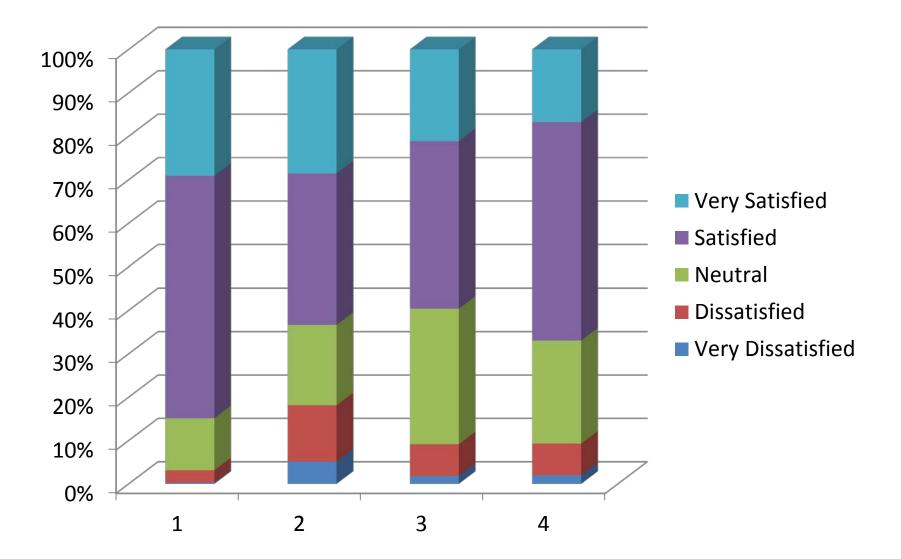
Mean Satisfaction to Question 18 (1 - 4)



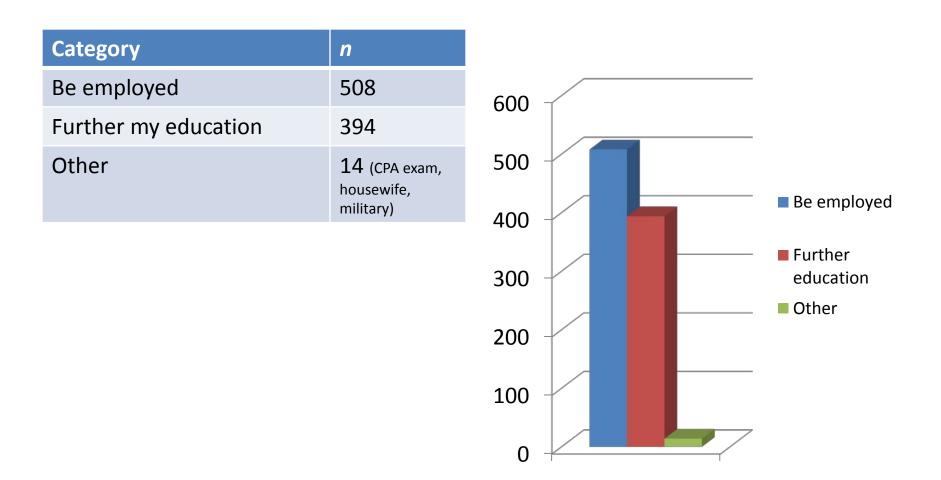
### Question 18: 1 – 4 (Please Rate your satisfaction with the following at Marshall):

Question	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Total n
1. Teaching	204	391	84	20	2	701
2. Advising	200	244	130	91	36	701
3. Academic Support Services	148	270	219	51	13	701
4. Classroom/Lab Facilities	117	351	166	51	14	699

### Frequencies for Question 18 (1 - 4)

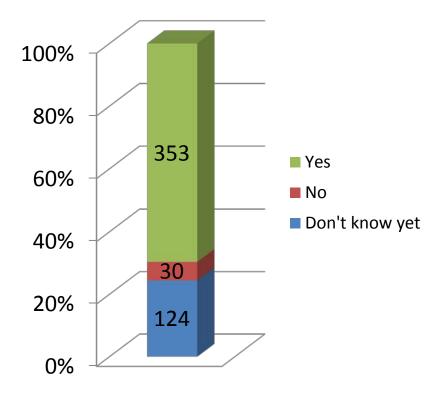


## When I graduate, I plan to (check all that apply)



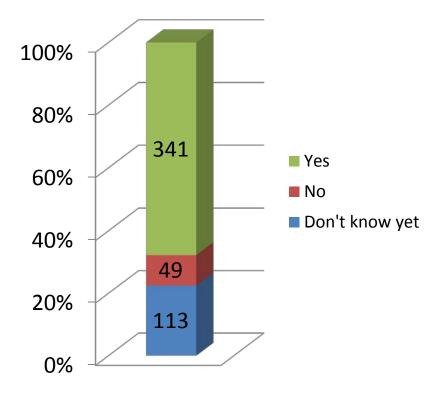
If you plan to be employed after graduation, will your job be in the career path you have chosen?

Category	n
Yes	353
No	30
Don't Know Yet	124
Total	507



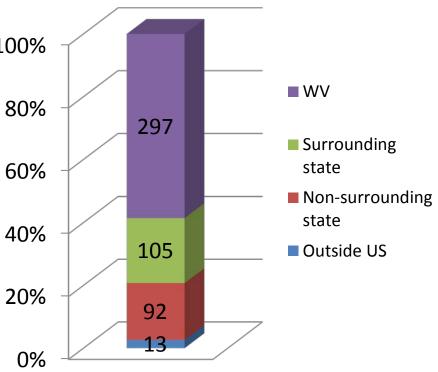
If you plan to be employed after graduation, will your job be in your major field?

Category	n
Yes	341
No	49
Don't Know Yet	113
Total	503

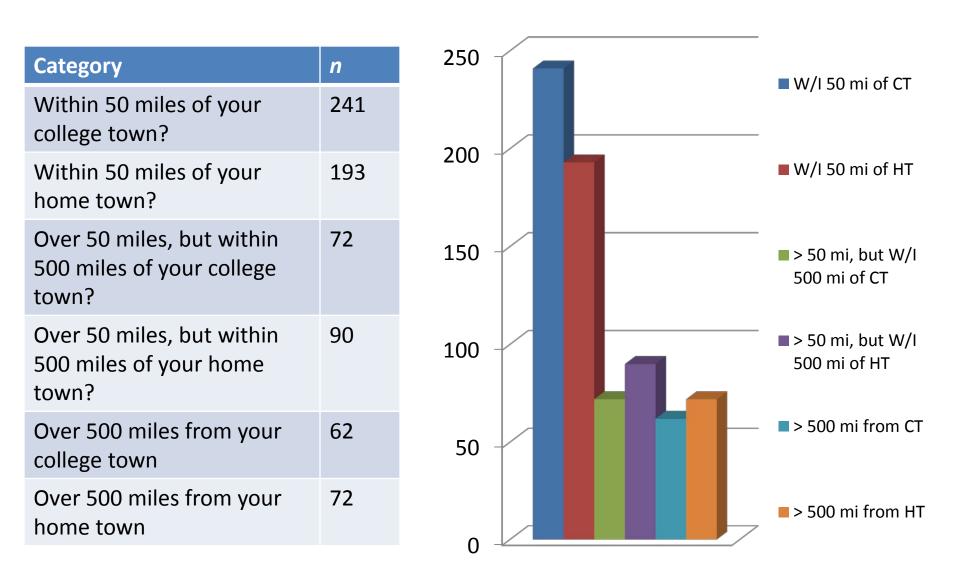


#### If you plan to be employed after graduation, will your job be

Category	n	
In WV?	297	
In KY, OH, PA, VA, or MD?	105	100%
In a state other than one mentioned above?	92	80% _ 29
In a country other than the US?	13	60%
Total	507	400/
		40%10

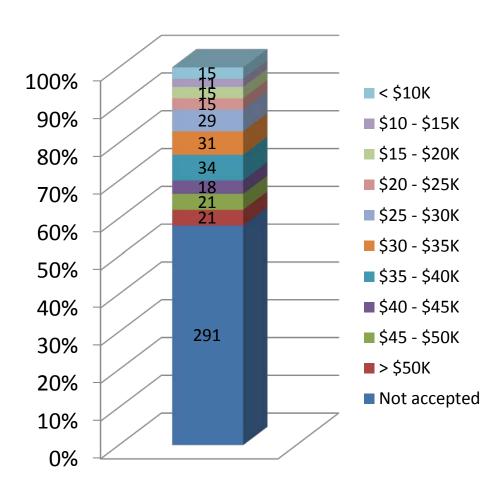


If you plan to be employed after graduation, will your job be (choose all that apply):



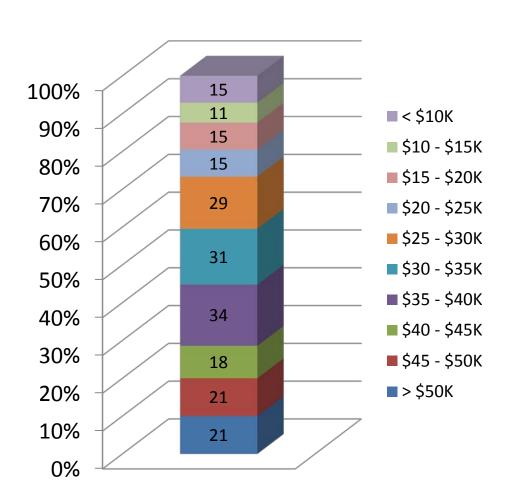
#### If you have accepted employment, what is your starting salary?

Category	n
\$10,000 or less	15
\$10,001 - \$15,000	11
\$15,001 - \$20,000	15
\$20,001 - \$25,000	15
\$25,001 - \$30,000	29
\$30,001 - \$35,000	31
\$35,001 - \$40,000	34
\$40,001 - \$45,000	18
\$45,001 - \$50,000	21
More than \$50,000	21
I have not yet accepted employment	291
Total	501

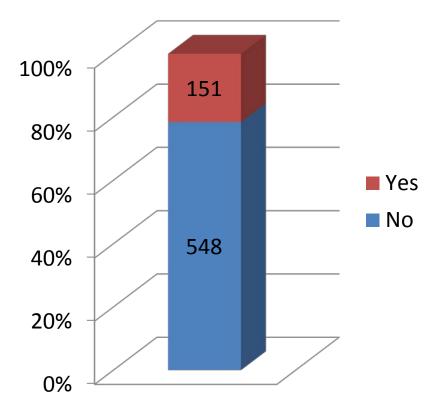


If you have accepted employment, what is your starting salary? (This chart eliminates the 291 respondents who had not accepted employment at the time of the survey)

Category	n
\$10,000 or less	15
\$10,001 - \$15,000	11
\$15,001 - \$20,000	15
\$20,001 - \$25,000	15
\$25,001 - \$30,000	29
\$30,001 - \$35,000	31
\$35,001 - \$40,000	34
\$40,001 - \$45,000	18
\$45,001 - \$50,000	21
More than \$50,000	21
Total	210



Category	n
Yes	151
No	548
Total	699



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

Category	n
Marshall Job Trax	105
Resume Assistance	100
Career Advising	40
Mock Interviewing	26
On-Campus Recruitment Event	24
Career Fair	44
Other	<b>2</b> (Educator Expo, Personal Statement)

