



## College of Natural Science

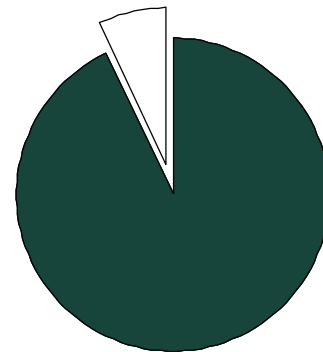
### Knowledge Rate: 76%

As of January 2018, data from 622 of 820 graduating students receiving a bachelor's degree had been collected, via the survey or other means, resulting in a knowledge rate of 76%. The majority of graduates reported that they were headed into the workforce.

Natural Science - Table 1		
Report Outcomes of 2017 Graduates		
Outcome	#	%
Employed - Full-time	288	46%
Employed - Part-time	25	4%
Continuing Education	255	41%
Starting a Business	1	0%
Pursuing Other Commitments	9	1%
Unplaced	44	7%
<b>Total</b>	<b>622</b>	<b>100%</b>

See the Destination Survey introduction for additional information on each outcome category.

**Figure 1**  
Unplaced 7%



**Career Outcomes Rate - 93%**

Of the 113 students who identified the type of employment chosen, 109 (96%) indicated their position was either a) career-related (67 = 59%), b) a stepping stone toward their ultimate career goal (35 = 31%), or c) work that allows them to explore career options (7 = 6%). A list of organizations that hired graduates in 2017 can be found in the appendix.

### Salary Information

Eighty-eight (88) of the graduates that indicated full-time employment also reported salary information. Of these, six (6) graduates reported receiving a signing bonus.

Natural Science - Table 2						
Report Salary Data for 2017 Graduates						
Reported Salaries	Average	Low	25th Percentile	50th Percentile	75th Percentile	High
88	\$40,011	\$16,000	\$25,500	\$32,500	\$50,000	\$150,000

#### Top Industries

- Science and Health R&D
- Applied Health Care
- Environment/Conservation
- Fish and Wildlife
- Applied Science and Math

## Employment Search Resources

Natural Science - Table 3		
Resources Used to Find Employment		
Resource	#	%
Previous Internship/Co-op/Work	20	21%
MSU Career Management System*	5	5%
Other Job Posting Source	39	41%
On-Campus Interview	4	4%
Career Fair	15	16%
MSU Academic Program	2	2%
MSU Faculty or Staff	20	21%
Personal Network/Family Friend	23	24%
Social Networking	10	10%
Another Resource	11	11%

Table 3 - Highlights the method that graduates identified as the way they found current job. Graduates could select more than one option and not all graduates responded. 96 responded to this question. \*MSU software environment used by students to connect with employers.

## Geographic Distribution

A total of 184 graduates reported their employment location. Of those, 76% (140) were employed in Michigan and 84% (154) reported employment in the Midwest. In addition, of the one hundred fifty-eight (158) students originally from Michigan that reported their employment location, 82% (129) were employed in Michigan and 87% (138) reported employment in the Midwest.

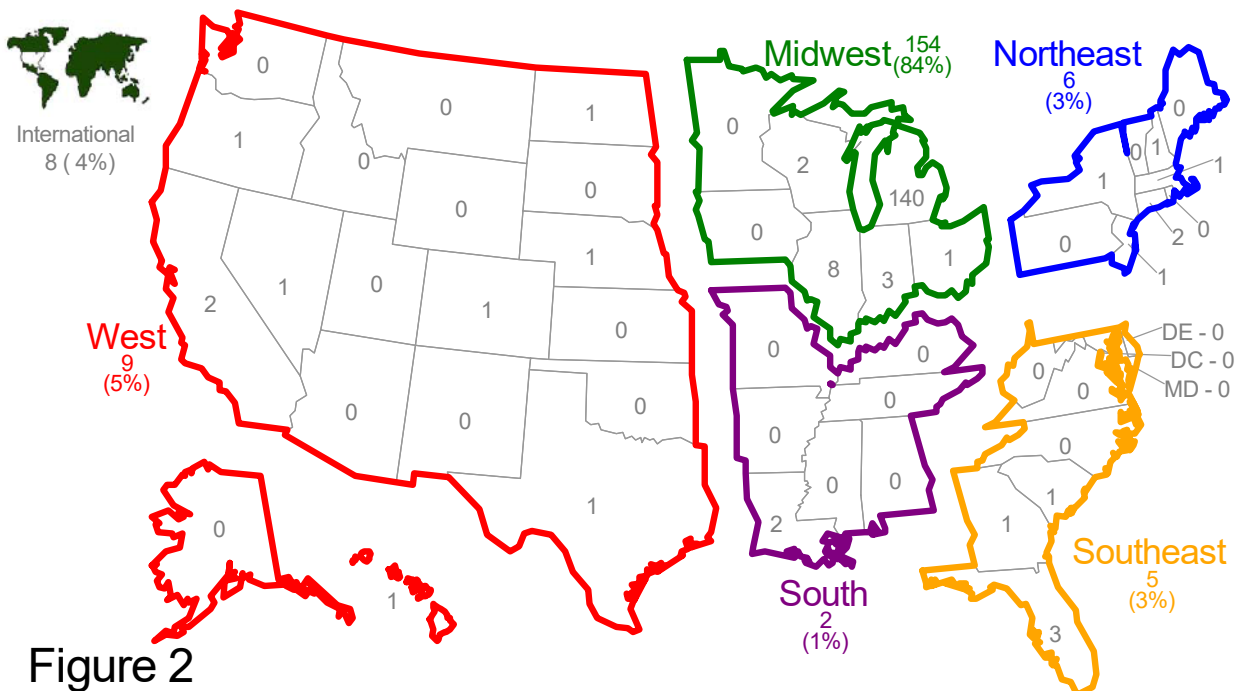


Figure 2



## Continuing Education

Of the two hundred fifty-five (255) students that reported continuing their education as their main pursuit immediately after graduation, two hundred forty-eight (248) reported the specific degree pursued. Graduates who indicated employment as well as continuing education were excluded from this table. This information is self-reported and may lead to slight inaccuracies when it comes to certification. *See appendix for a listing of universities attended for continuing education.*

Natural Science - Table 4		
Continuing Education Degrees Pursued by 2017 Graduates		
Degree Pursued	#	%
Second Bachelor's	19	8%
Health Professional (MD, DVM, PA, etc.)	85	34%
Law (JD)	0	0%
Master's	67	27%
MBA	3	1%
PhD	29	12%
Teacher Certification	28	11%
Certification Program: Other	12	5%
Other	5	2%
Total	248	100%

For simplicity, percentages have been rounded to the nearest point. Cumulative percentage totals were calculated with floating point decimal places in the addends.



## Co-Curricular Activities

The survey also includes questions about co-curricular activities in which students may have participated during their college career. All students were asked to indicate their involvement in a list of career related activities while at MSU (or a previous institution in the case of transfer students) regardless of their destination outcome.

Two hundred ninety-seven (297) students responded to this section. Table 5 shows the percentage of students that indicated each activity.

Table 6 aggregates the types of experiences from Table 5 into five categories of activities. Superscript letters indicate the activities in Table 5 that are incorporated into each category. Students are only counted once for each category even if they participated in more than one indicated activity.

Natural Science - Table 5		
Co-Curricular Activity Participation by 2017 Graduates		
Activity	#	%
Co-op/Intern – for credit <sup>a,b</sup>	71	25%
Co-op/intern – non-credit <sup>a,b</sup>	79	27%
Off-Campus Work – career related <sup>a,b</sup>	86	32%
Off-Campus Work – non-career related <sup>a,c</sup>	118	44%
On-Campus Work – career related <sup>a,b</sup>	108	38%
On-Campus Work – non-career related <sup>a,c</sup>	122	43%
Research – PA/Project/Summer – MSU <sup>a,e</sup>	147	52%
Research – PA/Project/Summer – non-MSU <sup>a,e</sup>	21	7%
Service Learning/Volunteer Project – MSU <sup>a,f</sup>	145	53%
Service Learning/Volunteer Project – non-MSU <sup>a,f</sup>	75	27%
Study Abroad – MSU program <sup>a,d</sup>	56	21%
Study Abroad – non-MSU program <sup>a,d</sup>	5	2%
Work Abroad – career related <sup>a,b</sup>	10	4%
Work Abroad – non-career related <sup>a,c</sup>	5	2%

Natural Science - Table 6		
Supplemental Experiences		
Experience	#	%
Out of Classroom Experience <sup>a</sup>	297	98%
Career Based <sup>b</sup>	220	73%
Skill Based <sup>c</sup>	188	65%
Study Abroad <sup>d</sup>	60	23%
Research <sup>e</sup>	152	54%
Volunteer <sup>f</sup>	139	51%

Table 6 - Superscript letters link supplemental experience programs to co-curricular activities in Table 5 and graduates can select more than one type of experience. For instance, a student that did both an MSU and a non-MSU study abroad program (indicated with<sup>d</sup>) in Table 5 would only be counted once towards study abroad in Table 6.

Superscript letters link co-curricular activities to supplemental experience programs in Table 6. Graduates could select more than one option.