



College of Engineering

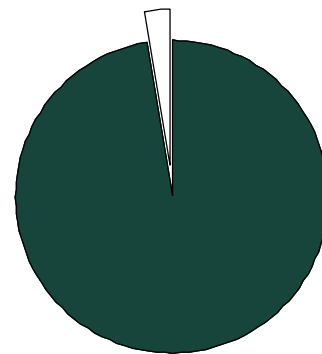
Knowledge Rate: 83%

As of January 2018, data from 538 of 652 graduating students receiving a bachelor's degree had been collected, via the survey or other means, resulting in a knowledge rate of 83%. The majority of graduates reported that they were headed into the workforce.

Engineering - Table 1		
Report Outcomes of 2017 Graduates		
Outcome	#	%
Employed - Full-time	419	78%
Employed - Part-time	5	1%
Continuing Education	95	18%
Starting a Business	2	0%
Pursuing Other Commitments	3	1%
Unplaced	14	3%
Total	538	100%

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

Figure 1
Unplaced 3%



Career Outcomes Rate - 97%

Of the 218 students who identified the type of employment chosen, 216 (99%) indicated their position was either a) career-related (170 = 78%), b) a stepping stone toward their ultimate career goal (36 = 17%), or c) work that allows them to explore career options (10 = 5%). A list of organizations that hired graduates in 2017 can be found in the appendix.

Salary Information

Two hundred seven (207) of the graduates that indicated full-time employment also reported salary information. Of these, ninety-seven (97) graduates reported receiving a signing bonus.

Engineering - Table 2						
Report Salary Data for 2017 Graduates						
Reported Salaries	Average	Low	25th Percentile	50th Percentile	75th Percentile	High
207	\$66,495	\$21,000	\$60,000	\$66,000	\$73,000	\$150,000

Top Industries

- Motor Vehicles & Parts
- Computer Software
- Engineering, Construction
- Chemicals
- Pharmaceuticals

Employment Search Resources

Engineering - Table 3		
Resources Used to Find Employment		
Resource	#	%
Previous Internship/Co-op/Work	83	39%
MSU Career Management System*	19	9%
Other Job Posting Source	19	9%
On-Campus Interview	43	20%
Career Fair	114	54%
MSU Faculty or Staff	38	18%
Personal Network/Family Friend	64	30%
Social Networking	9	4%
Another Resource	22	10%

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. 212 responded to this question. *MSU software environment used by students to connect with employers.

Geographic Distribution

A total of 344 graduates reported their employment location. Of those, 61% (209) were employed in Michigan and 75% (257) reported employment in the Midwest. In addition, of the two hundred eighty-seven (287) students originally from Michigan that reported their employment location, 66% (190) were employed in Michigan and 78% (223) reported employment in the Midwest.

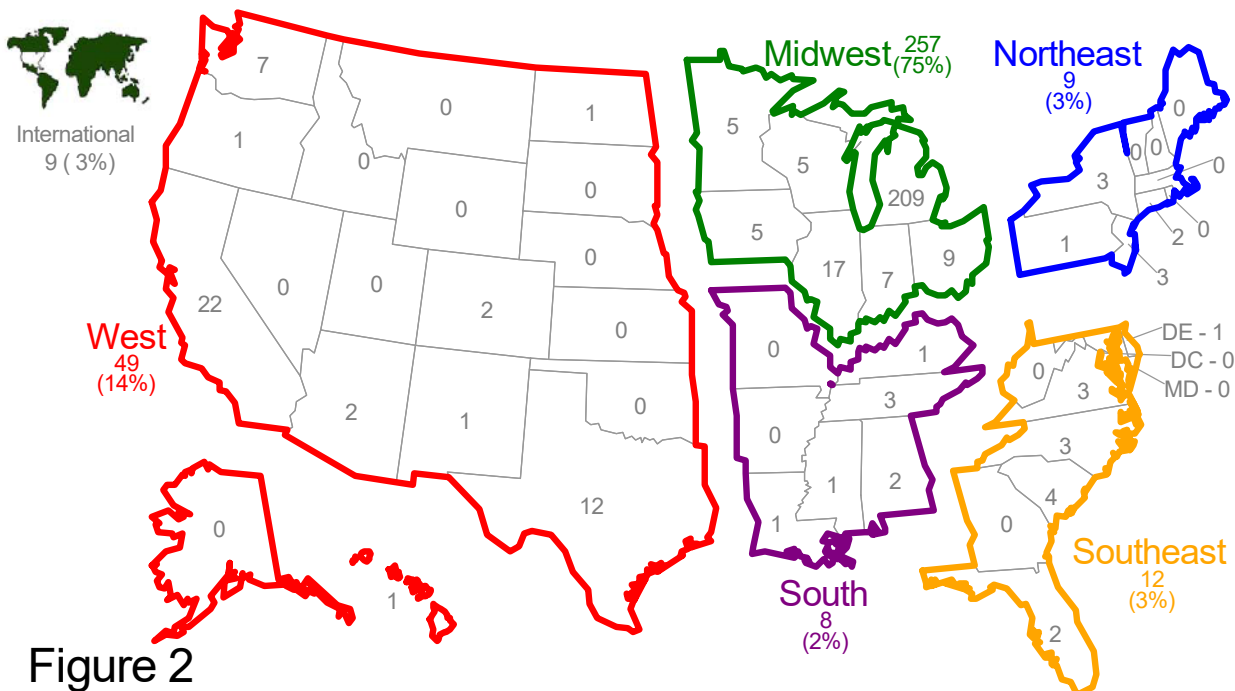


Figure 2



Continuing Education

Of the ninety-five (95) students that reported continuing their education as their main pursuit immediately after graduation, ninety-one (91) 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.*

Engineering - Table 4		
Continuing Education Degrees Pursued by 2017 Graduates		
Degree Pursued	#	%
Second Bachelor's	2	2%
Health Professional (MD, DVM, PA, etc.)	0	0%
Law (JD)	3	3%
Master's	67	74%
MBA	0	0%
PhD	18	20%
Teacher Certification	1	1%
Certification Program: Other	0	0%
Other	0	0%
Total	91	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.

Three hundred forty-one (341) 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.

Engineering - Table 5		
Co-Curricular Activity Participation by 2017 Graduates		
Activity	#	%
Co-op/Intern – for credit ^{a,b}	80	23%
Co-op/intern – non-credit ^{a,b}	227	66%
Off-Campus Work – career related ^{a,b}	79	27%
Off-Campus Work – non-career related ^{a,c}	104	36%
On-Campus Work – career related ^{a,b}	95	31%
On-Campus Work – non-career related ^{a,c}	139	45%
Research – PA/Project/Summer – MSU ^{a,e}	115	38%
Research – PA/Project/Summer – non-MSU ^{a,e}	21	7%
Service Learning/Volunteer Project – MSU ^{a,f}	76	26%
Service Learning/Volunteer Project – non-MSU ^{a,f}	45	16%
Study Abroad – MSU program ^{a,d}	52	18%
Study Abroad – non-MSU program ^{a,d}	11	4%
Work Abroad – career related ^{a,b}	10	4%
Work Abroad – non-career related ^{a,c}	3	1%

Engineering - Table 6		
Supplemental Experiences		
Experience	#	%
Out of Classroom Experience ^a	341	98%
Career Based ^b	308	89%
Skill Based ^c	197	60%
Study Abroad ^d	61	21%
Research ^e	129	42%
Volunteer ^f	96	33%

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^d) 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.