



College of Engineering

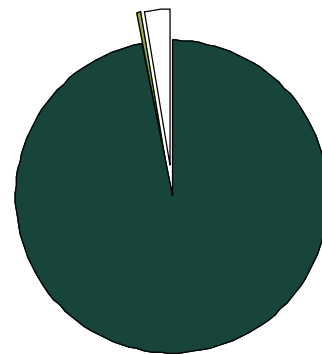
Knowledge Rate: 84%

As of February 2017, data from 494 of 590 graduating students receiving a bachelor's degree had been collected, via the survey or other means, resulting in a knowledge rate of 84%. The majority of graduates reported that they were headed into the workforce.

Engineering - Table 1		
Report Outcomes of 2016 Graduates		
Outcome	#	%
Employed - Full-time	399	81%
Employed - Part-time	3	1%
Continuing Education	63	13%
Starting a Business	7	1%
Pursuing Other Commitments	7	1%
Unplaced	13	3%
Unresolved	2	0%
Total	494	100%

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

Figure 1
Unresolved 0% Unplaced 3%



Career Outcomes Rate - 97%

Of the 301 students who identified the type of employment chosen, 296 (98%) indicated their position was either a) career-related (247 = 82%), b) a stepping stone toward their ultimate career goal (33 = 11%), or c) work that allows them to explore career options (16 = 5%). A list of organizations that hired graduates in 2016 can be found in the appendix.

Salary Information

Two hundred fifty (250) of the graduates that indicated full-time employment also reported salary information. Of these, ninety (90) graduates reported receiving a signing bonus.

Engineering - Table 2						
Report Salary Data for 2016 Graduates						
Reported Salaries	Average	Low	25th Percentile	50th Percentile	75th Percentile	High
250	\$64,865	\$20,200	\$59,700	\$66,450	\$71,000	\$105,600

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	80	31%
MSU Career Management System*	40	15%
Other Job Posting Source	22	8%
On-Campus Interview	56	21%
Career Fair	128	49%
MSU Academic Program	3	1%
MSU Faculty or Staff	38	15%
Personal Network/Family Friend	88	34%
Social Networking	18	7%
Another Resource	21	8%

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

Geographic Distribution

A total of 371 graduates reported their employment location. Of those, 63% (232) were employed in Michigan and 80% (297) reported employment in the Midwest. In addition, of the three hundred thirty three (330) students originally from Michigan that reported their employment location, 65% (215) were employed in Michigan and 82% (270) reported employment in the Midwest.

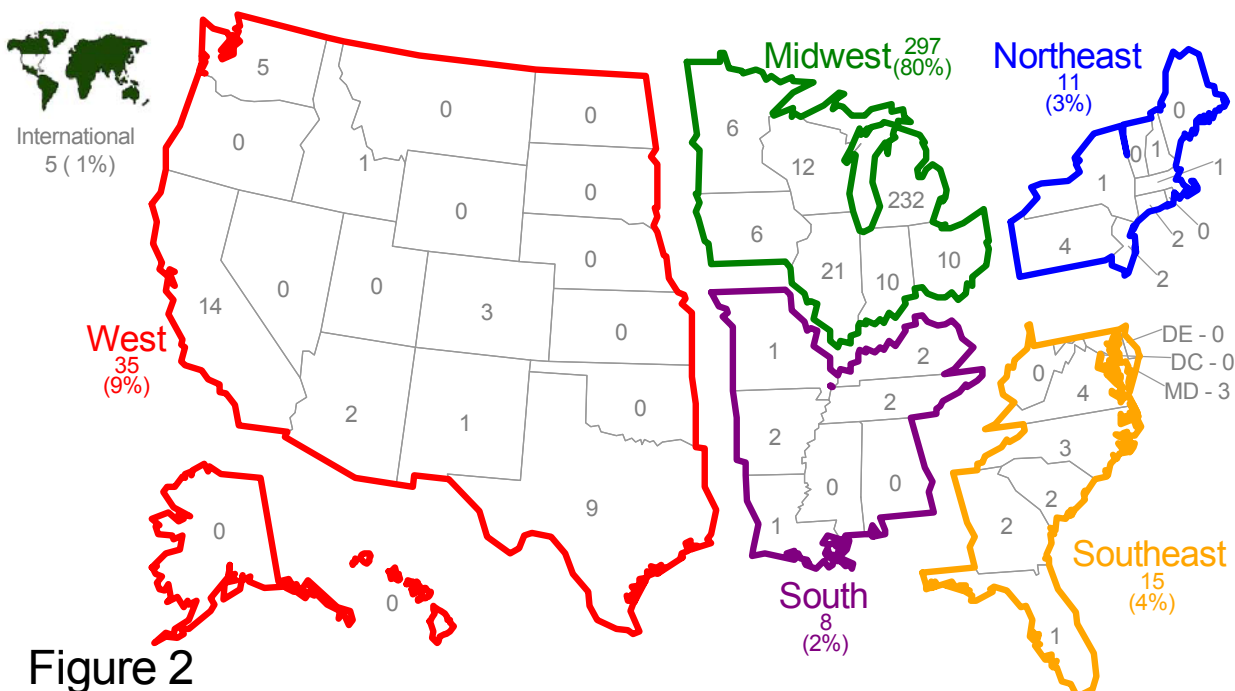


Figure 2



Continuing Education

Of the sixty-three (63) students that reported continuing their education as their main pursuit immediately after graduation, sixty-three (63) 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 2016 Graduates		
Degree Pursued	#	%
Second Bachelor's	0	0%
Health Professional (MD, DVM, PA, etc.)	2	3%
Law (JD)	4	6%
Master's	48	76%
MBA	1	2%
PhD	7	11%
Teacher Certification	0	0%
Certification Program: Other	0	0%
Other	1	2%
Total	63	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 seventy (370) 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 2016 Graduates		
Activity	#	%
Co-op/Intern – for credit ^{a,b}	90	24%
Co-op/intern – non-credit ^{a,b}	266	72%
Off-Campus Work – career related ^{a,b}	97	26%
Off-Campus Work – non-career related ^{a,c}	116	31%
On-Campus Work – career related ^{a,b}	117	32%
On-Campus Work – non-career related ^{a,c}	141	38%
Research – PA/Project/Summer – MSU ^{a,e}	109	29%
Research – PA/Project/Summer – non-MSU ^{a,e}	19	5%
Service Learning/Volunteer Project – MSU ^{a,f}	101	27%
Service Learning/Volunteer Project – non-MSU ^{a,f}	59	16%
Study Abroad – MSU program ^{a,d}	45	12%
Study Abroad – non-MSU program ^{a,d}	5	1%
Work Abroad – career related ^{a,b}	11	3%
Work Abroad – non-career related ^{a,c}	8	2%

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

Engineering - Table 6		
Supplemental Experiences		
Experience	#	%
Out of Classroom Experience ^a	370	100%
Career Based ^b	338	91%
Skill Based ^c	202	55%
Study Abroad ^d	50	14%
Research ^e	124	34%
Volunteer ^f	142	38%

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.