



College of Engineering

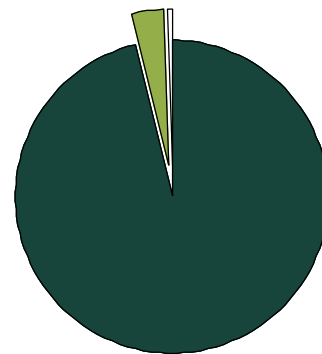
Knowledge Rate: 87%

As of February 2016, data from 400 of 461 graduating students receiving a bachelor's degree had been collected, via the survey or other means, resulting in a knowledge rate of 87%. The majority of graduates reported that they were headed into the workforce.

Engineering - Table 1		
Report Outcomes of 2015 Graduates		
Outcome	#	%
Employed	333	83%
Continuing Education	48	12%
Starting a business	0	0%
Pursuing Other Commitments	4	1%
Unplaced	2	1%
Unresolved	13	3%
Total	400	100%

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

Figure 1
Unresolved 3% Unplaced 1%



Career Outcomes Rate - 96%

Of the 295 students who identified the type of employment chosen, 294 (100%) indicated their position was either a) career-related (271 = 92%) or b) a stepping stone toward their ultimate career goal (23 = 8%). A list of organizations that hired graduates in 2015 can be found in the appendix.

Salary Information

One hundred eighty-eight (188) of the graduates that indicated employment also reported salary information. Of these, seventy-five (75) graduates reported receiving a signing bonus.

Engineering - Table 2						
Report Salary Data for 2015 Graduates						
Reported Salaries	Average	Low	25th Percentile	50th Percentile	75th Percentile	High
188	\$63,099	\$24,000	\$60,000	\$65,000	\$68,000	\$105,000

Top Industries

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



MICHIGAN STATE UNIVERSITY

Employment Search Method

Engineering - Table 3		
Method Used to Find Employment		
Program	#	%
Previous Internship/Co-op	94	33%
Previous Work Experience	9	3%
Other Job Posting Source	25	9%
MySpartanCareer	15	5%
On-Campus Interview	13	5%
Career Fair	86	31%
Personal Network/Family/Friend	36	13%
Social Networking	3	1%
Other	0	0%
Total	281	100%

Table 3 - Highlights the method that graduates identified as the way they found current job.

Out of Classroom Experience

Engineering - Table 4		
Supplemental Experiences		
Program	#	%
Out of Classroom Experience ^a	384	96%
Career Based ^b	329	82%
Skill Based ^c	247	62%
Study Abroad ^d	51	13%
Research ^e	97	24%
Volunteer ^f	38	10%

Table 4 - Identifies any supplemental activities or experiences that graduates participated in during their time as a student. Graduates could select more than one option and not all graduates responded. Superscript letters link supplemental experience programs to co-curricular activities in Table 6.

Geographic Distribution

A total of 316 graduates reported their employment location. Of those, 65% (204) were employed in Michigan and 80% (252) reported employment in the Midwest. In addition, of the two hundred eighty-six (286) students originally from Michigan that reported their employment location, 68% (194) were employed in Michigan and 81% (232) reported employment in the Midwest.

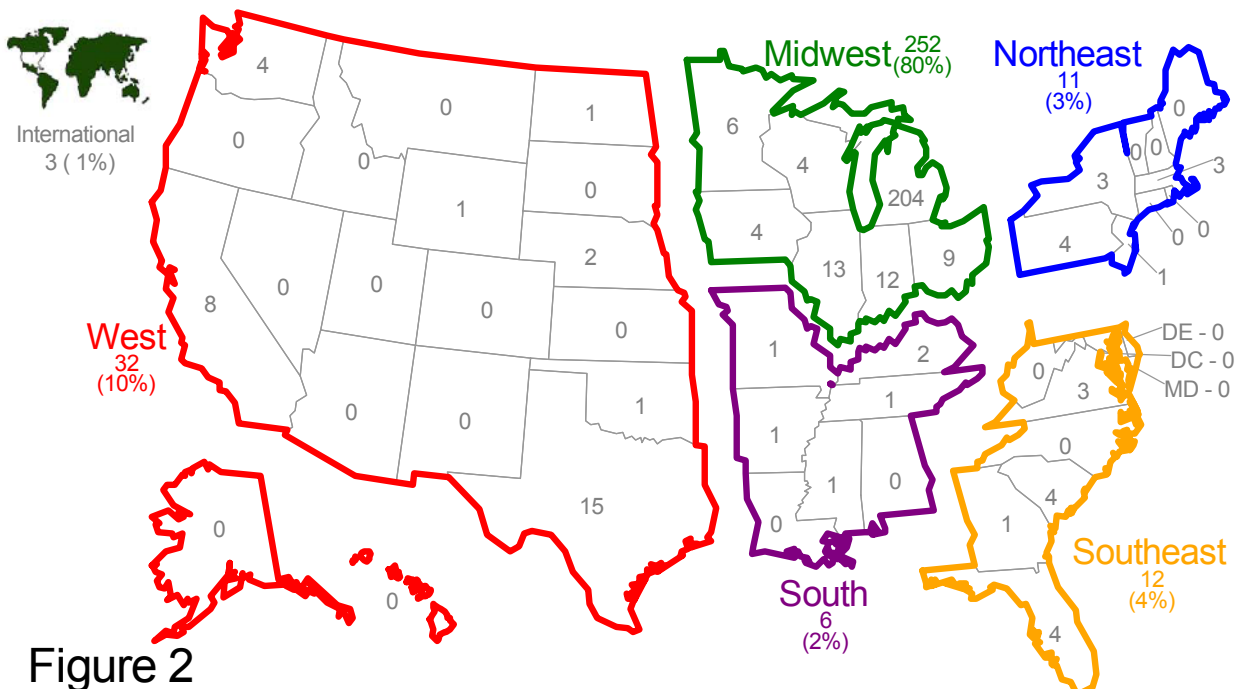


Figure 2



Continuing Education

Of the forty-eight (48) students that reported continuing their education as their main pursuit immediately after graduation, forty-seven (47) 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 5		
Continuing Education Degrees Pursued by 2015 Graduates		
Outcome	#	%
Second Bachelors	1	2%
Health Professional (MD, DVM, PA, etc.)	0	0%
Law (JD)	1	2%
Masters	30	64%
MBA	0	0%
PhD	15	32%
Teacher Certification	0	0%
Certification Program: Other	0	0%
Other	0	0%
Total	47	100%

Note: 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 eighty-four (384) students responded to this section. Table 6 shows the percentage of students that indicated each activity.

Engineering - Table 6		
Co-Curricular Activity Participation by 2015 Graduates		
Activity	#	%
Co-op/Intern – for credit ^{a,b}	94	24%
Co-op/intern – non-credit ^{a,b}	215	56%
Off-Campus Work – career related ^{a,b}	61	16%
Off-Campus Work – non-career related ^{a,c}	53	14%
On-Campus Work - volunteer ^{a,c}	0	0%
On-Campus Work – career related ^{a,b}	95	25%
On-Campus Work – for pay or credit ^{a,c}	96	25%
On-Campus Work – non-career related ^{a,c}	97	25%
Other ^a	9	2%
Research – PA/Project/Summer – MSU ^{a,e}	91	24%
Research – PA/Project/Summer – non-MSU ^{a,e}	11	3%
Service Learning/Volunteer Project – MSU ^{a,f}	28	7%
Service Learning/Volunteer Project – non-MSU ^{a,f}	13	3%
Study Abroad – MSU program ^{a,d}	50	13%
Study Abroad – non-MSU program ^{a,d}	1	0%
Summer Work - career related ^{a,b}	145	38%
Summer Work – non-career related ^{a,c}	103	27%
Work Abroad – career related ^{a,b}	0	0%
Work Abroad – non-career related ^{a,c}	1	0%

Notes: Superscript letters link co-curricular activities to supplemental experience programs in Table 4. Graduates could select more than one option.