	College of Engineering
Responses	92
Initial Population	366
Response Rate	25.13%

#### **Survey Information:**

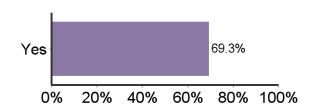
- The Alumni Survey is designed to give graduates an opportunity to reflect upon their years at K-State one year after graduation. This information is used to improve the college experience for future students by identifying strengths in our programs as well as areas that need further development. The survey includes questions relating to academic program satisfaction, intellectual and personal growth, student services, and preparation for a career or graduate/professional school.
- The 2015-16 survey was administered to alumni who graduated in summer 2013, fall 2013, and spring 2014. It was offered via e-mail over the period 10/22/2015-12/01/2015.

Table of Contents	
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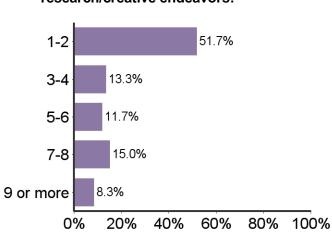


Section Ia: 2025 - Research, Scholarly, Creative Activities, and Discovery Graphs

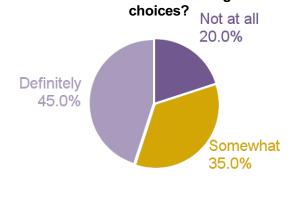
#### Percent of respondents' who participated in research/creative endeavors:



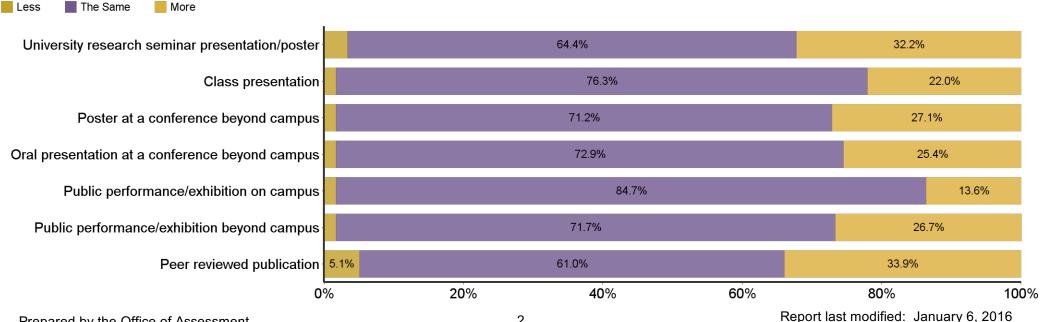




Did respondents feel their research/creative endeavor contribute to their career/graduate school



Reflecting upon your undergraduate experience, do you believe K-State should have provided less, the same, or more opportunities to be involved in the following?

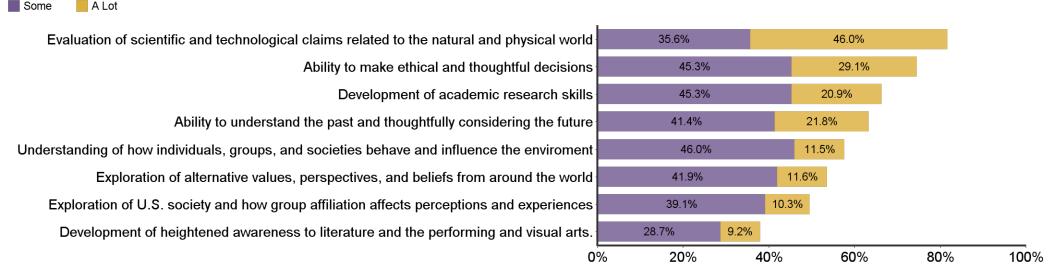




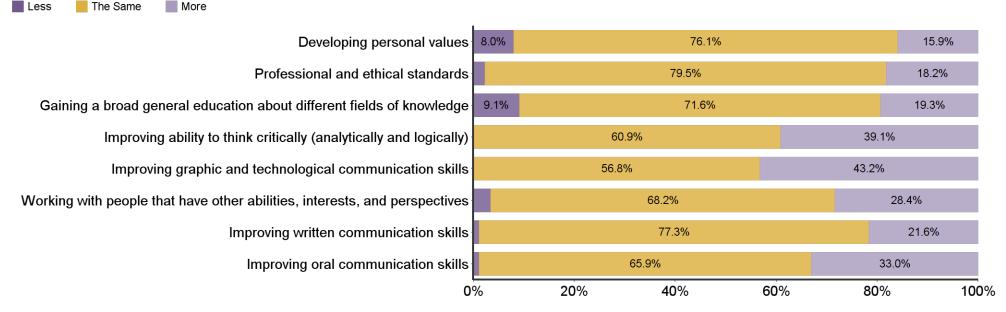
Section Ib: 2025 - Undergraduate Educational Experience Graphs

To what extent has each of the following K-State 8 (general education) areas contributed to your understanding of your profession and/or the world around (None and Little are not shown)

you?

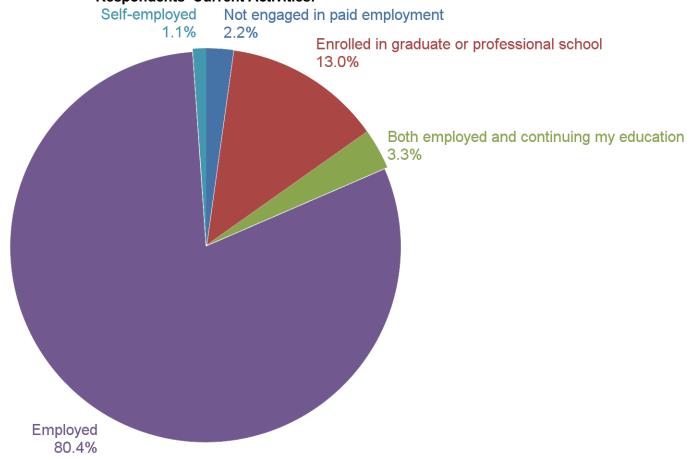


Looking back, do you believe K-State should have placed less, the same, or more emphasis on the following undergraduate learning outcomes?



Section II: Current Activities Graphs

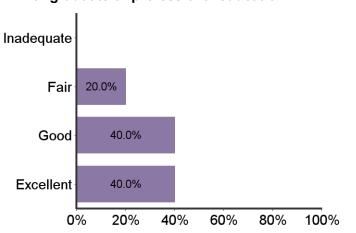
#### **Respondents' Current Activities:**



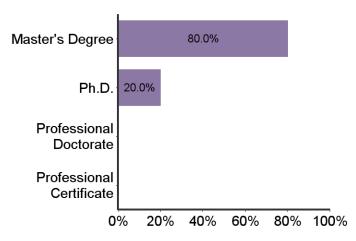
Section IIa: Current Activities -Continuing Education Graphs

**15** respondent(s) reported that they were continuing their education

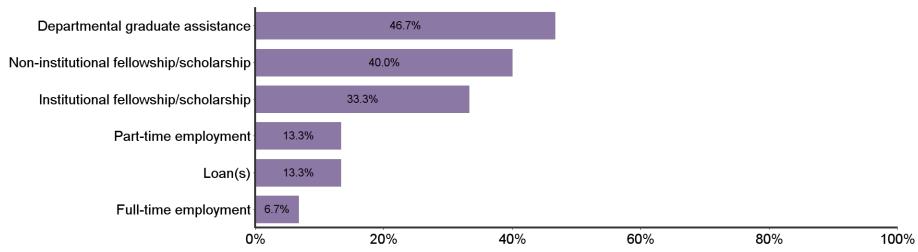
## Respondents' rating of quality of their undergraduate preparation for graduate or professional education:



#### Degree respondents are currently pursuing:



#### Financial assisstance that supports respondents' graduate study:



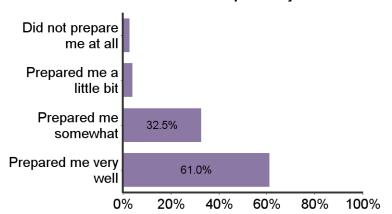
Section IIb: Current Activities - Employed Graphs

75 respondent(s) reported that they were engaged in full time employment

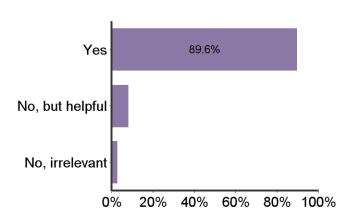
#### Skills current job requires:

#### Problem solving/analytic reasoning 97.4% Technology skills 92.2% Working with a diverse group of people 84.4% Quantitative reasoning 84.4% Writing reports, memos, papers, publications, etc. 71.4% Speaking to a group 68.8% Conducting research 40.3% 60% 0% 20% 40% 80% 100%

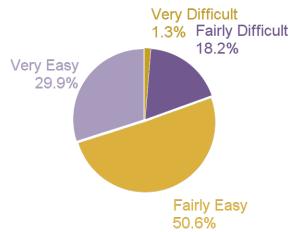
### Degree to which respondents felt K-State prepared them for their present job:



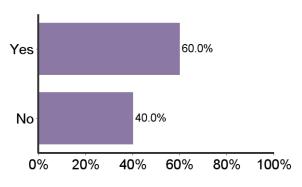
#### **Bachelor degree required for current position:**



#### Degree of difficulty in finding employment:



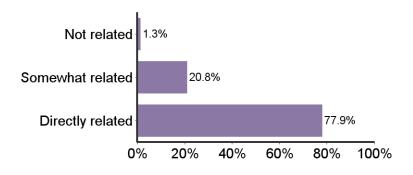
# Minor/secondary major gave respondents an advantage when seeking employment:



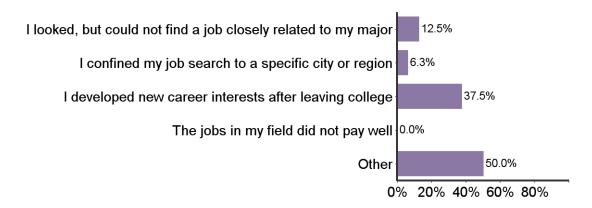


Section IIb: Current Activities - Employed Graphs

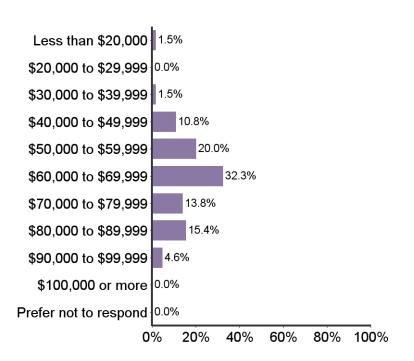
# Job related to respondents undergraduate field of study:



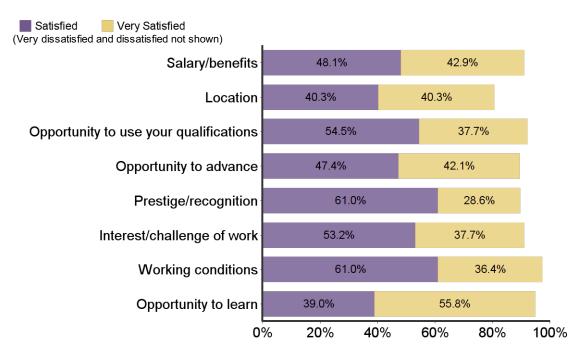
## Principle reason respondents job was not related or only somewhat related to major:



#### **Current salary before taxes:**



#### Satisfaction with aspects of current position:





Responses by Gender			
Percent Count			
Female	19.6%	18	
Male	80.4%	74	
Total	100.0%	92	

Responses by Citizenship Status			
	Percent	Count	
Citizen	90.2%	83	
Non-Citizen	9.8%	9	
Total	100.0%	92	

Responses by Ethnicity/Race			
	Percent Count		
	1.1%	1	
American Indian	1.1%	1	
Asian	8.7%	8	
Black	2.2%	2	
Hispanic	3.3%	3	
Prefer not to respond	2.2%	2	
White	81.5%	75	
Total	100.0%	92	



### 2015 College of Engineering Report

Section IVa: K-State Experience
Tables - Attitude Toward K-State

### If you could start over, would you still choose to attend Kansas State University?

	Percent	Count
Definitely No	0.0%	0
Probably No	4.4%	4
Uncertain	3.3%	3
Probably Yes	28.6%	26
Definitely Yes	63.7%	58
Total	100.0%	91

# How much has your overall quality of life been enhanced by your Kansas State University undergraduate experience?

	Percent	Count
None	1.1%	1
Little	5.5%	5
Somewhat	31.9%	29
Very Much	61.5%	56
Total	100.0%	91

### Would you recommend Kansas State University to a potential student?

	Percent	Count
Definitely No	1.1%	1
Probably No	1.1%	1
Uncertain	4.4%	4
Probably Yes	25.3%	23
Definitely Yes	68.1%	62
Total	100.0%	91

# To what degree did your undergraduate experiences contribute to your interest and motivation to become involved in community activities?

	Percent	Count
Not at all	17.6%	16
Slightly	39.6%	36
Quite a bit	34.1%	31
Very Much	8.8%	8
Total	100.0%	91

### Upon completion of your Bachelor's degree, what was the total amount of student loan debt (Stafford, etc.) you had accumulated?

	Percent	Count
None	35.6%	32
Less than \$10,000	8.9%	8
\$10,000 to \$19,999	12.2%	11
\$20,000 to \$29,999	13.3%	12
\$30,000 to \$39,999	7.8%	7
\$40,000 or more	16.7%	15
Prefer not to respond	5.6%	5
Total	100.0%	90

Section IVb: K-State Experience Tables - Learning Outcomes

# Looking back on your college experience, do you believe K-State should have placed less, the same, or more emphasis on the following undergraduate learning outcomes:

	Less	The Same	More	Count
Gaining a broad general education about different fields of knowledge	9.1%	71.6%	19.3%	88
Improving written communication skills	1.1%	77.3%	21.6%	88
Improving oral communication skills	1.1%	65.9%	33.0%	88
Improving graphic and technological communication skills	0.0%	56.8%	43.2%	88
Improving ability to think critically (analytically and logically)	0.0%	60.9%	39.1%	87
Developing personal values	8.0%	76.1%	15.9%	88
Professional and ethical standards	2.3%	79.5%	18.2%	88
Working with people that have other abilities, interests, and perspectives	3.4%	68.2%	28.4%	88

# Reflecting upon your undergraduate experience, do you believe K-State should have provided less, the same, or more opportunities to discuss issues with the following groups?

	Less	The Same	More
People with political opinions different from your own	6.8%	77.3%	15.9%
People with religious beliefs other than your own	9.1%	77.3%	13.6%
People from economic situations other than your own	3.4%	73.9%	22.7%
People of races or ethnicities other than your own	2.3%	77.3%	20.5%



Section IVb: K-State Experience Tables - Learning Outcomes

# To what extent has each of the following K-State 8 (general education) areas contributed to your understanding of your profession and/or the world around you?

	None	Little	Some	Alot
Development of interpretive skills and heightened sensitivity to literature and the performing and visual arts.	28.7%	33.3%	28.7%	9.2%
Development of academic research skills	17.4%	16.3%	45.3%	20.9%
Ability to make ethical and thoughtful decisions	9.3%	16.3%	45.3%	29.1%
Exploration of alternative values, perspectives, and beliefs from around the world	17.4%	29.1%	41.9%	11.6%
Ability to understand the past and thoughtfully considering the future	12.6%	24.1%	41.4%	21.8%
Exploration of perspectives about U.S. society and how group affiliation affects perceptions and experiences	19.5%	31.0%	39.1%	10.3%
Evaluation of scientific and technological claims related to the natural and physical world	11.5%	6.9%	35.6%	46.0%
An understanding of how individuals, groups, and societies behave and influence one another and the natural environment	14.9%	27.6%	46.0%	11.5%

### 2015 College of Engineering Report

Section IVc: K-State Experience Tables - Research

### In your undergraduate education, were you involved in a research or creative endeavor in or outside of coursework?

	Percent	Count
Yes	69.3%	61
No	30.7%	27
Total	100.0%	88

### How many semesters were you involved in undergraduate research/creative endeavor projects while at K-State?

research/creative endeavor projects while at K-state?			
	Percent	Count	
1-2	51.7%	31	
3-4	13.3%	8	
5-6	11.7%	7	
7-8	15.0%	9	
9 or more	8.3%	5	
Total	100.0%	60	

# Did your undergraduate research/creative experience influence your career and/or graduate school choices?

	Percent	Count
Not at all	20.0%	12
Somewhat	35.0%	21
Definitely	45.0%	27
Total	100.0%	60

# Reflecting upon your undergraduate experience, do you believe K-State should have provided less, the same, or more opportunities to be involved in the following?

	Less	The Same	More
University research seminar presentation/poster	3.4%	64.4%	32.2%
Class presentation	1.7%	76.3%	22.0%
Poster at a conference beyond campus	1.7%	71.2%	27.1%
Oral presentation at a conference beyond campus	1.7%	72.9%	25.4%
Public performance/exhibition on campus	1.7%	84.7%	13.6%
Public performance/exhibition beyond campus	1.7%	71.7%	26.7%
Peer reviewed publication	5.1%	61.0%	33.9%



Section V: Current Activities Tables

Please select one statement that best describes your current activities.			
	Percent	Count	
Employed	80.4%	74	
Enrolled in graduate or professional school	13.0%	12	
Both employed (other than graduate assistant) and continuing my education	3.3%	3	
Self-employed	1.1%	1	
Not engaged in paid employment	2.2%	2	
Total	100.0%	92	



What degree are you currently pursuing?			
	Percent Count		
Professional Certificate	0.0%	0	
Master's Degree	80.0%	12	
Ph.D.	20.0%	3	
Professional Doctorate	0.0%	0	
Total	100.0%	15	

How would you rate the quality of your Kansas State University undergraduate preparation for graduate or professional education?			
Percent Count			
Inadequate	0.0%	0	
Fair	20.0%	3	
Good	40.0%	6	
Excellent	40.0%	6	
Total	100.0%	15	

# 2015 College of Engineering Report Section Va: Current Activities -

**Continuing Education Tables** 

What sources of financial assistance have supported your graduate study? (select all that apply)				
Percent Count				
Departmental graduate assistance	46.7%	7		
Institutional fellowship/scholarship	33.3%	5		
Non-institutional fellowship/scholarship	40.0%	6		
Full-time employment	6.7%	1		
Part-time employment	13.3%	2		
Loan(s)	13.3%	2		



### 2015 College of Engineering Report

Section Vb: Current Activities -Employed Tables

#### In what field did you find full time employment?

	Percent	Count
Agriculture	1.3%	1
Animal Care	0.0%	0
Architecture	0.0%	0
Aviation	0.0%	0
Child Care	0.0%	0
Communications	0.0%	0
Computer Services	0.0%	0
Construction	10.5%	8
Education	0.0%	0
Energy	1.3%	1
Engineering	76.3%	58
Fashion/Design/Art	0.0%	0
Finance/Insurance	1.3%	1
Food Services	0.0%	0
Government	0.0%	0

In what field did you find full time employment?		
	Percent	Count
Healthcare	1.3%	1
Human Resources	0.0%	0
Legal Services	0.0%	0
Manufacturing	2.6%	2
Media	0.0%	0
Military	1.3%	1
Non-Profit	0.0%	0
Professional Services	0.0%	0
Public relations	0.0%	0
Real Estate	0.0%	0
Recreation/Fitness	0.0%	0
Religion	0.0%	0
Retail/Sales	0.0%	0
Scientific	0.0%	0
Social Services	0.0%	0
Technology	3.9%	3
Transportation	0.0%	0
Other	0.0%	0



# 2015 College of Engineering Report Section Vb: Current Activities -

**Employed Tables** 

Does your job require: (mark all that apply)					
	Percent Cou				
Technology skills	92.2%	71			
Conducting research	40.3%	31			
Quantitative reasoning	84.4%	65			
Problem solving/analytic reasoning	97.4%	75			
Speaking to a group	68.8%	53			
Working with a diverse group of people	84.4%	65			
Writing reports, memos, papers, publications, etc.	71.4%	55			

Did your minor or secondary major give you an advantage when applying for a job?					
Percent Count					
Yes	60.0%	15			
No	40.0% 10				
Did not graduate with a minor or secondary major	0.0%	0			
Total	100.0%	25			

How difficult was it for you to find employment?					
Percent Count					
Very Difficult	1.3%	1			
Fairly Difficult	18.2%	14			
Fairly Easy	asy 50.6% 39				
Very Easy	29.9%	23			
Total	100.0%	77			

Is a Bachelor's degree required for your current position?				
Percent Count				
Yes	89.6%	69		
No, but helpful	7.8%	6		
No, irrelevant	2.6%	2		
Total	100.0%	77		



### 2015 College of Engineering Report

Section Vb: Current Activities -Employed Tables

## How closely is your job related to your undergraduate field of study?

Study.				
	Percent Count			
Not related	1.3%	1		
Somewhat related	20.8%	16		
Directly related	77.9%	60		
Total	100.0%	77		

# If you indicated that your job is not related or only somewhat related to your major, what is the principle reason?

	Percent	Count
I looked, but could not find a job closely related to my major	12.5%	2
I confined my job search to a specific city or region	6.3%	1
I developed new career interests after leaving college	37.5%	6
The jobs in my field did not pay well	0.0%	0
Other	50.0%	8

# How well do you feel that Kansas State University prepared you for your present job?

	Percent	Count
Did not prepare me at all	2.6%	2
Prepared me a little bit	3.9%	3
Prepared me somewhat	32.5%	25
Prepared me very well	61.0%	47
Total	100.0%	77

What is your current annual salary, before taxes?		
	Percent	Count
Less than \$20,000	1.5%	1
\$20,000 to \$29,999	0.0%	0
\$30,000 to \$39,999	1.5%	1
\$40,000 to \$49,999	10.8%	7
\$50,000 to \$59,999	20.0%	13
\$60,000 to \$69,999	32.3%	21
\$70,000 to \$79,999	13.8%	9
\$80,000 to \$89,999	15.4%	10
\$90,000 to \$99,999	4.6%	3
\$100,000 or more	0.0%	0
Prefer not to respond	0.0%	0
Total	100.0%	65

# 2015 College of Engineering Report Section Vb: Current Activities -

**Employed Tables** 

Indicate your satisfaction with the following aspects of your present position:					
	Very Dissatisfied	Dissatisfied	Satisfied	Very Satisfied	Count
Salary/benefits	2.6%	6.5%	48.1%	42.9%	77
Location	1.3%	18.2%	40.3%	40.3%	77
Opportunity to use your qualifications	0.0%	7.8%	54.5%	37.7%	77
Opportunity to advance	1.3%	9.2%	47.4%	42.1%	76
Prestige/recognition	1.3%	9.1%	61.0%	28.6%	77
Interest/challenge of work	0.0%	9.1%	53.2%	37.7%	77
Working conditions	0.0%	2.6%	61.0%	36.4%	77
Opportunity to learn	1.3%	3.9%	39.0%	55.8%	77



Section Vc: Current Activities - Unemployed Tables

#### Indicate the primary reason you are not employed.

	Percent	Count
I have chosen not to be employed	0.0%	0
I was laid off by my employer	50.0%	1
I quit a job to seek other employment	0.0%	0
I chose to confine my job search to a specific city or region	0.0%	0
My job search was limited due to a need to find career opportunities in the same geographic region with someone else	0.0%	0
I have not limited my job search in any way, but have been unable to find a satisfactory job since graduation	0.0%	0
Having/Expecting a child changed my employment plans	50.0%	1
Other	0.0%	0
Total	100.0%	2

# Have you sought job placement assistance from Kansas State University's Office of Career and Employment Services?

	Percent	Count
Yes, it has been helpful	50.0%	1
Yes, but it has not been helpful	50.0%	1
No, I didn't register with the office	0.0%	0
No, I registered with the office, but didn't seek further assistance	0.0%	0
Total	100.0%	2

Do you plan to seek paid employment?			
Percent Count			
Yes, within 12 months	100.0%	2	
Yes, in 1 to 5 years	0.0%	0	
Yes, in more than 5 years	0.0%	0	
No	0.0%	0	
Total	100.0%	2	

#### How would you describe your current status of not being employed?

	Percent	Count
Serious Problem	50.0%	1
Minor Problem	0.0%	0
No Problem, My Choice	50.0%	1
Total	100.0%	2