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## Expectation vs. Reality: The MU Student Learning Experience According to NSSE


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# Expectation vs. Reality

the MU Student Learning Experience According to NSSE

Presented by the Office of Institutional Research

Associate Director – Brooke Kile, Analyst – Nikki Van Volkenburgh

Faculty Workshop Day: August 14, 2018

# About NSSE

- **According to NSSE, the student engagement survey measures two features of collegiate quality:**
  1. Amount of time and effort students put into studies and educational activities
  2. How an institution deploys its resources to get students to participate in activities that are linked to student learning
- **Survey collects information in five categories**
  1. Participation in educationally purposeful activities
  2. Institutional requirements and academic challenge of coursework
  3. Perceptions of college environment
  4. Estimates of personal and educational growth since starting college
  5. Background and demographic information

# Response Details

## First Year

Year	Response Rate	Sampling Error ***	Total Respondents
2015	30%	+/- 7.7%	115
2017	33%	+/- 6.5%	129

## Senior

Year	Response Rate	Sampling Error	Total Respondents
2015	33%	+/- 8.3%	93
2017	21%	+/- 11.9%	54

\*\*\*Also called "margin of error", sampling error is +/- 5.0% and 40% of your students reply "Very often" to a particular item, then the true population value is most likely between 35% and 45%

### 2015

#### Message schedule

	Date	Cumulative response rate	
		First-year	Senior
Invitation	02/10/2015	13%	13%
Reminder 1	02/18/2015	19%	21%
Reminder 2	02/26/2015	25%	27%
Reminder 3	03/04/2015	28%	30%
Final reminder	03/16/2015	30%	33%

### 2017

#### Message schedule

	Date	Cumulative response rate	
		First-year	Senior
Invitation	02/09/2017	12%	8%
Reminder 1	02/21/2017	19%	11%
Reminder 2	03/01/2017	24%	16%
Reminder 3	03/13/2017	26%	17%
Final reminder	03/21/2017	33%	21%

# NSSE Respondent Profile vs. MU Actual (2016-17)

	First Year NSSE	First Year MU	Senior NSSE	Senior MU
% Female	43	48	46	46
% Male	54	52	54	54
% White	81	77	83	76
% Living on Campus	75	83	38	32
% Student Athlete	41	46	27	30*

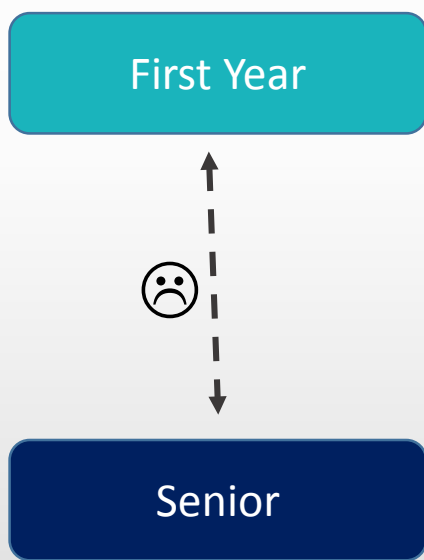
\* On athletic scholarship beginning of senior year

First Year NSSE	First Year Actual	Senior NSSE	Senior Actual
1. Business	1. Nursing	1. Nursing	1. Nursing
2. Nursing	2. Biology	2. Business	2. Business
3. Biology	3. Business	3. Humanities	3. Biology

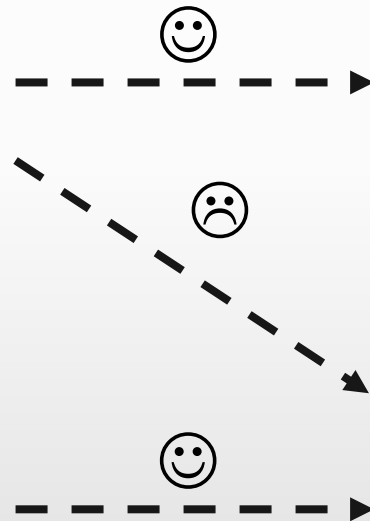
## Top Majors

# Methods for Multi-Year Analysis

NSSE 2015



NSSE 2017



<http://nsse.indiana.edu/institute/workshops/2010/dillard/presentations/Multiple Year Analysis.pdf>

# How well do you know your students?

- Take 3-5 minutes to complete your predictions of items presented on Side 1 of your worksheet only
  - Side 1: Responses of First Year Students enrolled 2016-17
- All responses based on traditional students (MAP responses excluded)
- We will reveal the actual percentage of MU respondents and how our aspire institutional peers scored
  - Aspire Institutions: Butler, Dayton, UIndy, St.Francis-Ft. Wayne, Xavier

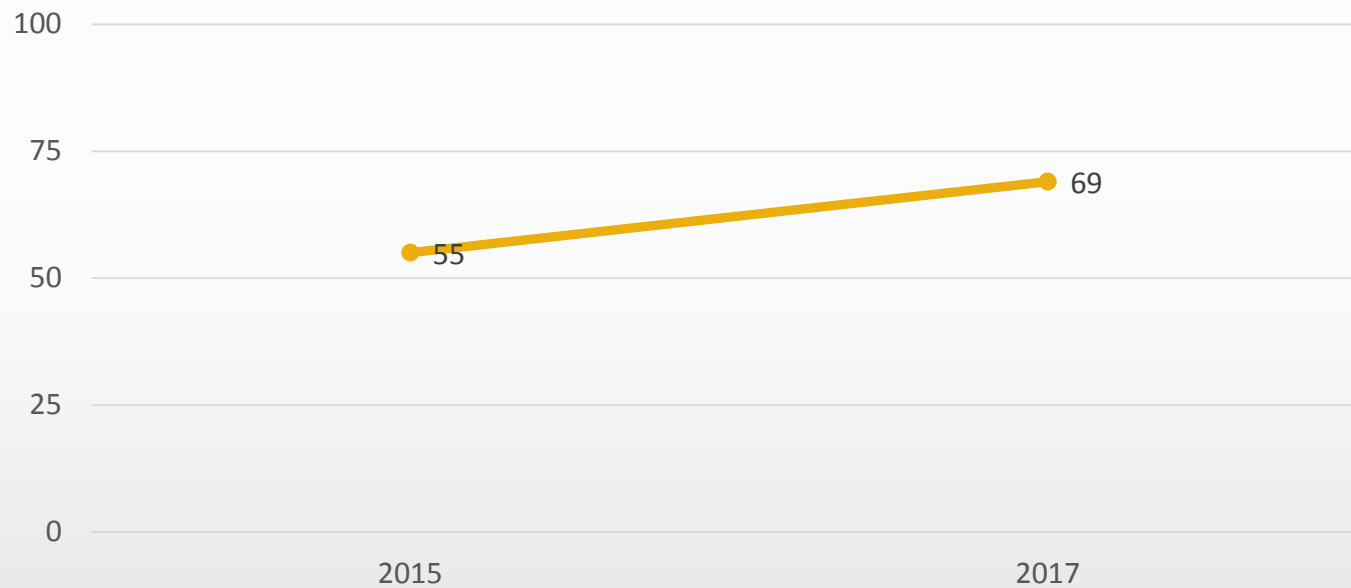
# First-Year Students Enrolled 2016-17

FIRST YEAR RESPONDENTS 2016-17			
<b>Writing and Communication (all questions based on school year except #16)</b>	<b>% Predicted</b>	<b>Actual</b>	<b>Peer</b>
7a. % of students assigned at least 6 short writing assignments (up to 5 pages)		43%	57%
7. Estimated number of writing pages assigned during school year 2016-17		49.6 pgs	57.7 pgs
16. Estimated hours per week spent on assigned reading		7.1 hrs	8.3 hrs
<b>Speaking and Listening (all questions based on how often during school year)</b>	<b>% Predicted Often or Very Often</b>	<b>% Responding Often or Very Often</b>	<b>% Peers Often or Very Often</b>
1a. Asked questions or contributed to course discussions in other ways		70%	71%
1i. Given a course presentation		60%	48%
<b>Learning Strategies (all questions based on how often during school year)</b>	<b>% Predicted Often or Very Often</b>	<b>% Responding Often or Very Often</b>	<b>% Peers Often or Very Often</b>
9a. Identified key information from reading assignments		77%	80%
9b. Reviewed your notes after class		70%	65%
9c. Summarized what you learned in class or from course materials		62%	65%
<b>Academic Challenge</b>	<b>% Predicted Much or Very Much</b>	<b>% Responding Much or Very Much</b>	<b>% Peers Much or Very Much</b>
10. To what extent have your courses challenged you to do your best work?		45%	53%



# First Year Responses

% Participated in at least 1 HIP : First Year



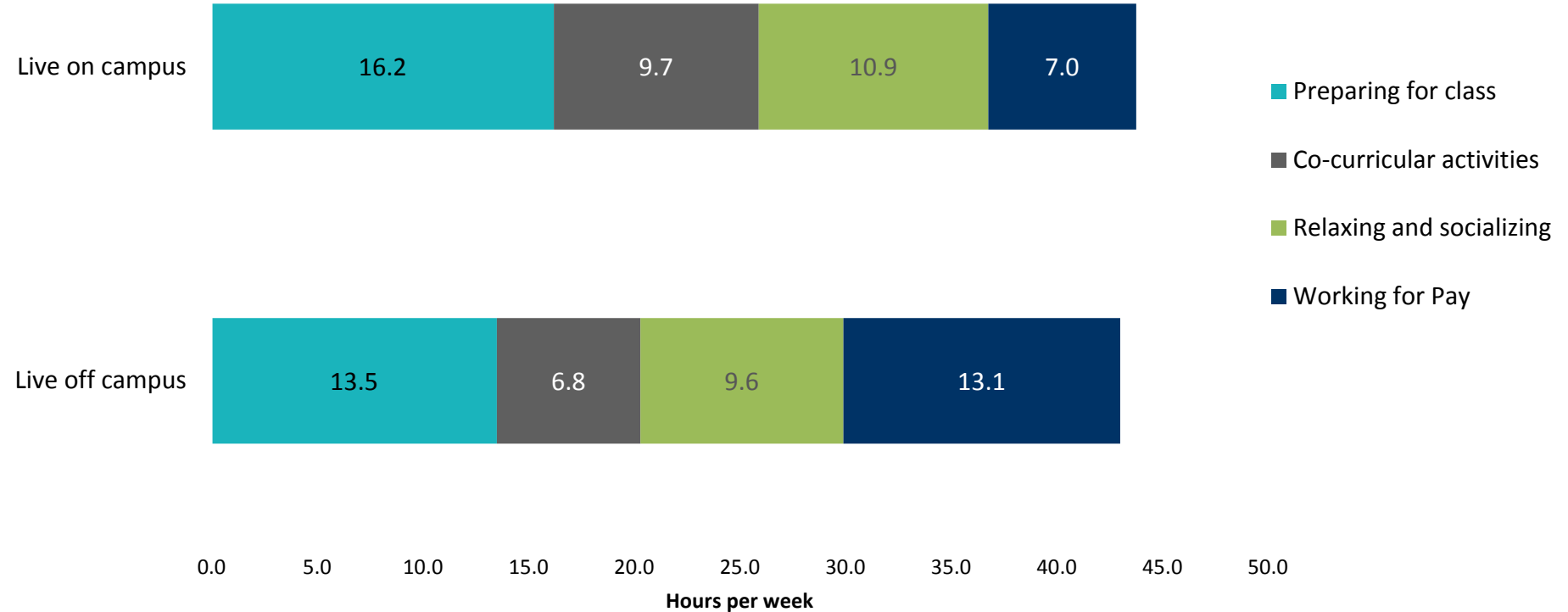
- Participation in Learning Community
- Participated in Service Learning
- Participated or Will Participate in Research with Faculty

# First-Year Students Enrolled 2016-17

<b>Time Spent</b>	<b>Predicted hours per week</b>	<b>Actual hours per week</b>	<b>Peers hours per week</b>
15a. About how many hours per week do you spend preparing for class		15.3	17.0
15b. About how many hours per week do you spend participating in co-curriculars		9.5	7.4
15c & d. About how many hours per week do you spend working for pay		7.8	5.4
15f. About how many hours per week do you spend relaxing/socializing		10.4	13.2

# Time Spent: First Years 2016-17

Figure 1: Time Spent in Various Activities by Campus Housing Status



# How well do you know your students?

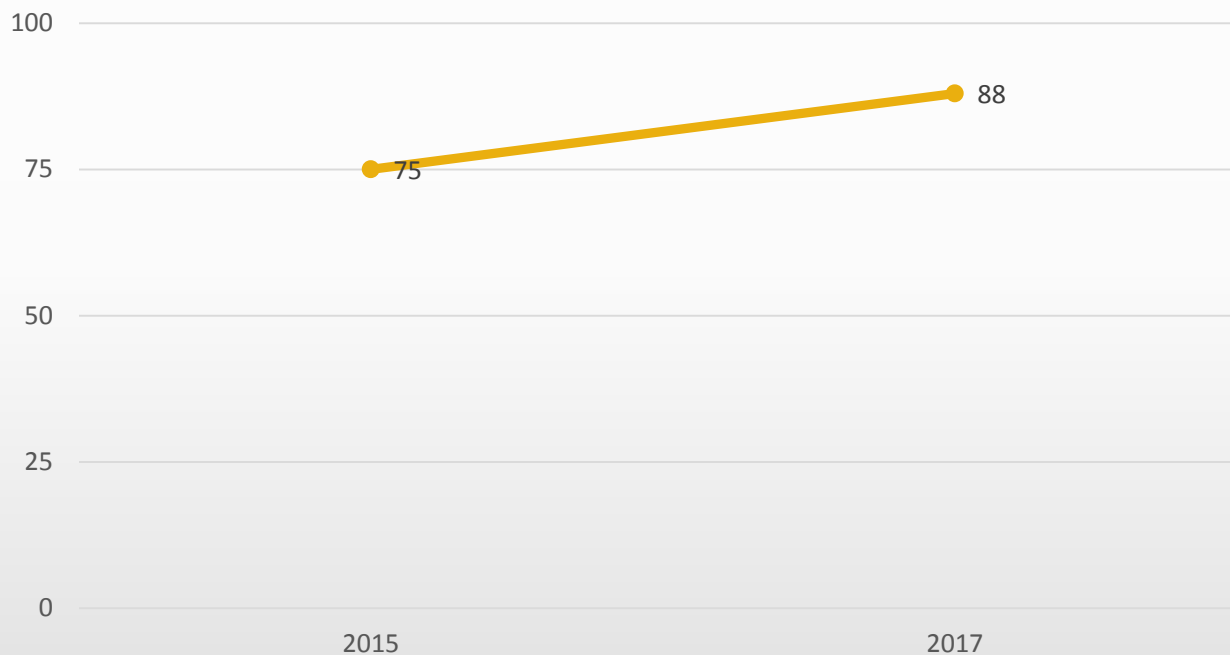
- Take 3-5 minutes to complete your predictions of items presented on Side 2 of your worksheet only
  - Side 2: Responses of Senior Students enrolled 2016-17
- All responses based on traditional students (MAP responses excluded)
- We will reveal the actual percentage of MU respondents and how our aspire institutional peers scored
  - Aspire Institutions: Butler, Dayton, UIndy, St.Francis-Ft. Wayne, Xavier

# Senior Students Enrolled 2016-17

<b>SENIOR RESPONDENTS 2016-17</b>			
<b>Writing and Communication (all questions based on school year except #16)</b>	<b>% Predicted</b>	<b>Actual</b>	<b>Peer</b>
7c. % of students assigned at least 3 medium length papers (6-10 pages)		31%	47%
7. Estimated number of writing pages assigned during school year 2016-17		55.1 pgs	85.6 pgs
16. Estimated hours per week spent on assigned reading		7.6 hrs	7.0 hrs
<b>Integrative Learning (all questions based on how often during school year)</b>	<b>% Predicted Often or Very Often</b>	<b>% Responding Often or Very Often</b>	<b>% Peers Often or Very Often</b>
2a. Combined ideas from different courses when completing assignments		73%	73%
2g. Connected ideas from your course to your prior experiences and knowledge		86%	84%
<b>Quantitative Reasoning (all questions based on how often during school year)</b>	<b>% Predicted Often or Very Often</b>	<b>% Responding Often or Very Often</b>	<b>% Peers Often or Very Often</b>
6a. Reached conclusions based on own analysis of numerical information		56%	60%
6b. Used numerical information to examine a real-world problem or issue		45%	46%
6c. Evaluated what others had concluded from numerical information		37%	50%
<b>Academic Challenge</b>	<b>% Predicted Much or Very Much</b>	<b>% Responding Much or Very Much</b>	<b>% Peers Much or Very Much</b>
10. To what extent have your courses challenged you to do your best work?		55%	51%

# Senior Responses

**% Participated in 2 or more HIPs: Senior**



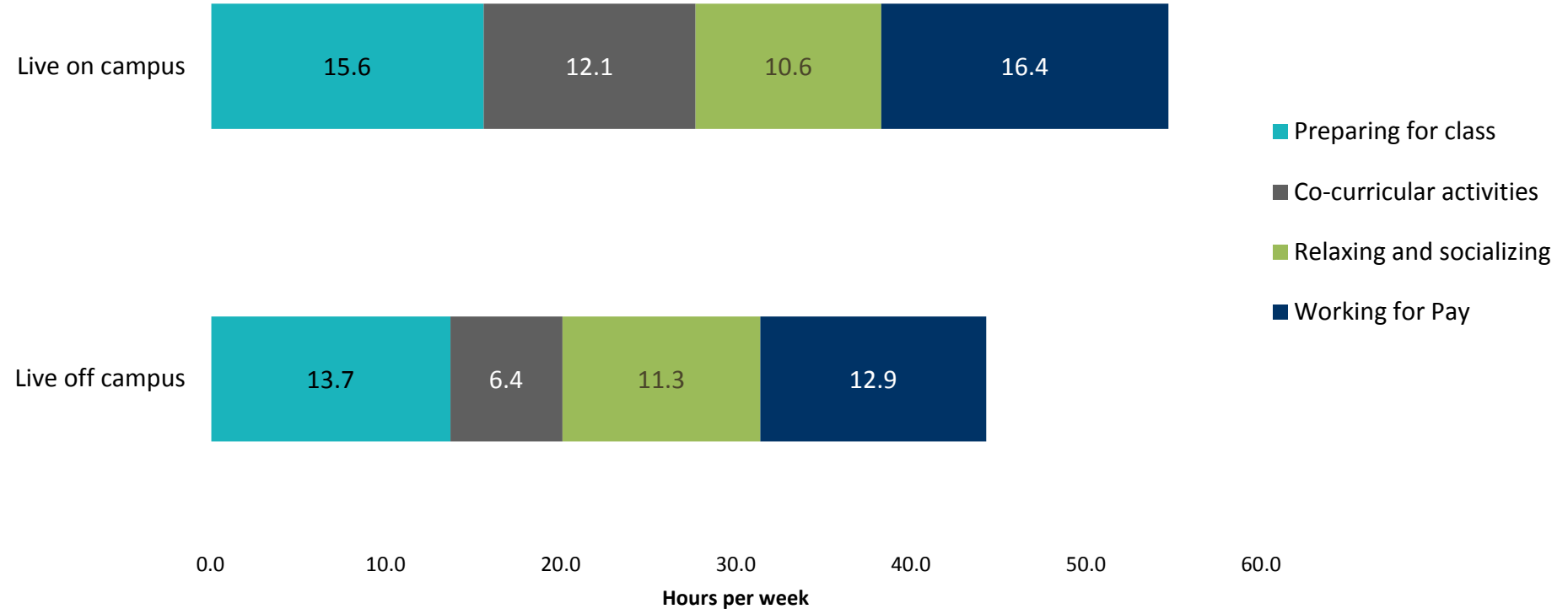
- Participation in Learning Community
- Participated in Service Learning
- Completed Research with Faculty
- Completed Internship/Field Experience
- Studied Abroad
- Completed a Culminating Senior Experience

# Senior Students Enrolled 2016-17

<b>Time Spent</b>	<b>Predicted hours per week</b>	<b>Actual hours per week</b>	<b>Peers hours per week</b>
15a. About how many hours per week do you spend preparing for class		15.1	15.6
15b. About how many hours per week do you spend participating in co-curriculars		9.3	7.5
15c & d. About how many hours per week do you spend working for pay		14.2	12.8
15f. About how many hours per week do you spend relaxing/socializing		11.9	12.5

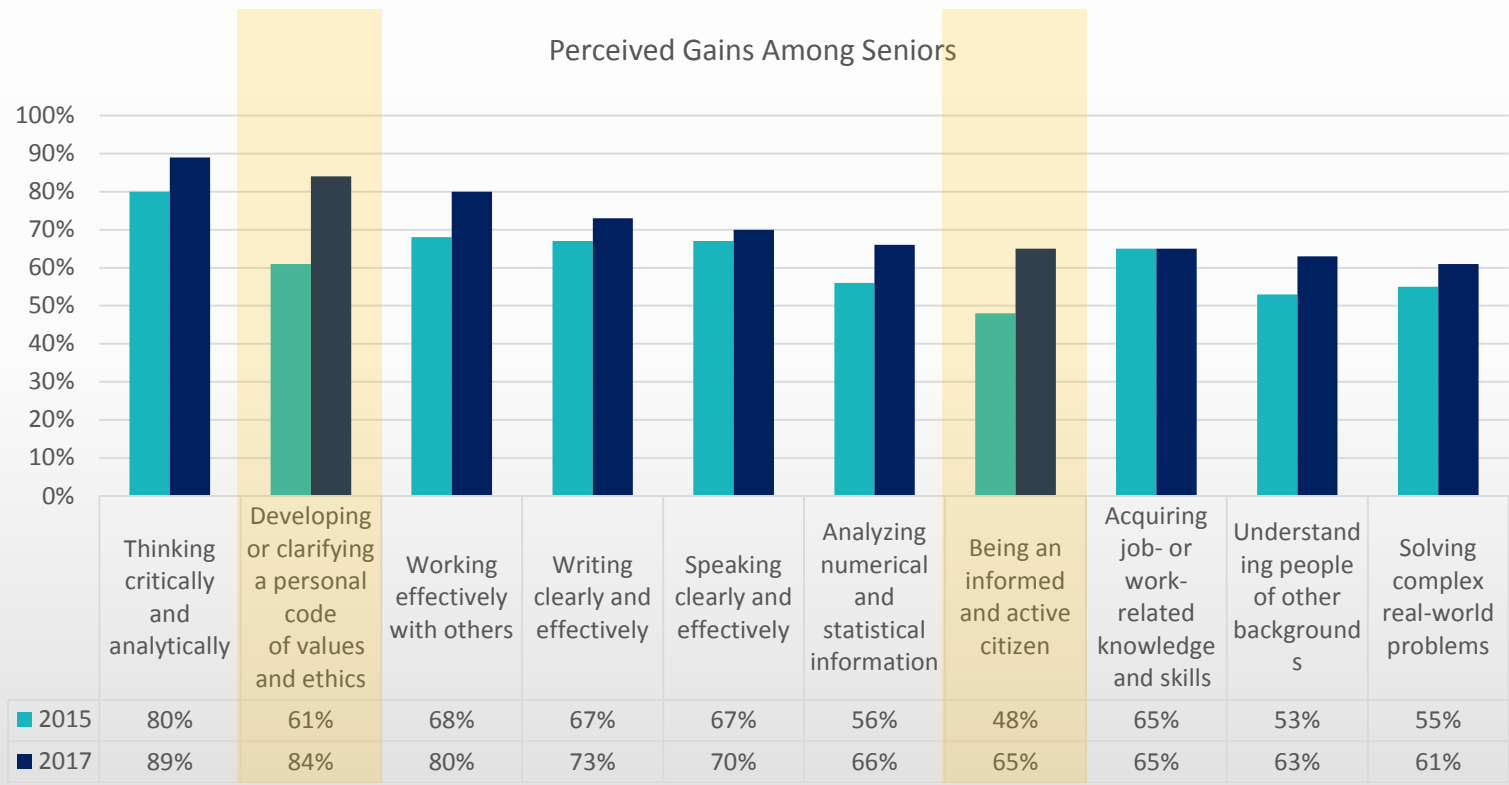
# Time Spent: Seniors 2016-17

Figure 1: Time Spent in Various Activities by Campus Housing Status





# Perceived Gains Seniors Enrolled 2016-17



# Next Steps and Recommendations

- **Recommendations for next NSSE survey**
  - Increase participation of seniors to at least 30% to reduce sampling error
  - Set goal for overall participation for 2018-19
    - First year and Senior students will complete NSSE survey Spring 2019
  - Set goal for integrating into strategic use (assess accreditation, assess curricular changes, assess gen eds, etc.)
- **Next Steps**
  - All surveys on [IR Portal](#) -> Surveys -> NSSE