Chapter 7: Student Engagement Assessment Summaries

The Division of Student Engagement administers a wide variety of assessments each year to better understand student experiences in the areas of student life, achievement, and well-being. This chapter will highlight the surveys conducted during the past year and provide a portion of the results from these instruments. We have selected data that identifies a potential major challenge to the Truman community and pointing us in the direction of many opportunities. We have also provided some longitudinal and/or comparative data to better understand trends and context.

Within this chapter for 2023, you will find assessment reports from the following areas:

- Missouri Assessment of College Health Behaviors (MACHB) administered annually
- ACUHO-I/Skyfactor Benchworks Residence Life and Apartment Surveys

Missouri Assessment of College Health Behaviors (MACHB)
2023

Who took it?
Initially, a random sample of 1000 undergraduate students, then, due to low response, the survey was distributed to all undergraduate students

When is it administered?
Annually during the spring semester
The survey takes approximately 20 minutes to complete

What office administers it?
Missouri Partners in Prevention (MOPIP), in collaboration with the Office of the Vice President for Student Engagement

Who originates the survey?
MOPIP is a statewide coalition composed of institutions of higher education in Missouri and relevant state agencies to collaboratively develop strategies for promoting positive, healthy choices among Missouri's college students. MOPIP offices are located on the University of Missouri-Columbia campus.

Partners in Prevention
G202 MU Student Center
Columbia, MO 65211
(573) 884-7551
www.mopip.org
email: mastersj@missouri.edu

When are results typically available?
Raw data by early summer; formal presentation mid-late summer

What type of information is sought?
Information is gathered in many areas including demographics, policy, alcohol, drugs, driving, mental health and well-being, tobacco, and interpersonal violence.

From whom are the results available?
MOPIP and the Office of the Vice President for Student Engagement

To whom are the results regularly distributed?
Truman's Partners in Prevention committee, Student Engagement, Student Health Center and University Counseling Service.

Are the results available by department or discipline?
Results may be made available by various categories by submitting a special request to the Missouri Partners in Prevention here.

Are the results comparable to the data of other universities?
Results are reported for Truman State University in comparison to all participating MOPIP member institutions in aggregate form. We do not have direct comparison data regarding individual colleges and universities.

MACHB 2023 Response Rate

Truman's survey response rate of 16% (N = 443) in 2023 marks a decline from the 32% response in 2022, but still exceeds the overall PIP response rate of 14% (N = 5,817). Down from the from 2020's 18% response rate. Limitations with the survey delivery process resulted in multiple attempts to increase the response rate, and the sample was increased from a random sample of 1000 undergraduates to the entire undergraduate population. In-person advertising and promotion of the survey was also limited, which may have reduced the level of participation on the survey.

Truman's 2024 Strategic Plan based on 2023 MACHB Results, as compared to prior MACHB Results

Priority Area 1/Goal 1: Reduce risky alcohol use including binge drinking by Truman students.

Alcohol binge drinking rate - 2 hour (% of responses on MACHB)

2015 Q53	2016 Q61	2017 Q60	2018 Q64	2019 Q50	2020 Q53	2021 Q52-Q53	2022 Q39-40	2023 Q39-40
25%	27%	28%	26%	25%	25%	23%	25%	29%

Think over the past 30 days. How many times have you binge drunk? (Mean number of times for males and females)

2017 Q62	2018 Q66	2019 Q52	2020 Q54	2021 Q54-55	2022 Q42-43	2023 Q44-45
1.21	1.17	0.98	1.15	0.97	1.15	1.37

Strategy 1: Provide alcohol-free programs to students during times when binge drinking is most prevalent.

Tactic 1: Promotion of alcohol-free programs during Halloween, Homecoming, Reading Day Eve, when establishments offer all-you-can-drink promotions, etc.

Strategy 2: Educate the campus on the effects of alcohol usage.

Tactic 1: Provide risk management training to student groups.

Tactic 2: Distribute alcohol education information at live or virtual campus events (e.g. CHEERS tables, Greek new member orientation, SPHA events, Residence Life programming, etc.)

Tactic 3: Promotion of alcohol awareness programs (e.g., College Behavior Profile, ASTP, BASICS, Agreed Resolution program, Residence Life Safer Drinking Practices program, etc.)

Priority Area 2/Goal 2: Implement and promote programs to address responsibility and accountability amongst alcohol and drug sources

Percentage of students who obtain alcohol from a friend or family member over 21.

2018	2019 Q59	2020 Q61	2021 Q62	2022	2023 Q52
33.9%	69.3%	64.4%	50.6%	50.4%	64%

From whom do you access prescription drugs without a doctor's prescription? (Check all that apply)

	2018	2019	2020 Q123	2021 Q177	2022	2023 Q85
Family	14%	21%	7.1%	38%		17%
Friends	83%	84%	86%	50%		75%
Floormates/roommates	8.6%	11%	7.1%	13%		25%
Strangers	8.6%	0.0%	0.0%	0.0%		8.3%
Other	8.6%	0.0%	0.0%	0.0%		8.3%
I prefer not to respond		14%	7.1%	13%		8.3%

Strategy 1: Promoting and teaching the signs of alcohol poisoning and drug overdose to students along with how to react when they encounter it.

Tactic 1: Implement and promote ENGAGE, a bystander intervention program, to students.
Tactic 2: Promote dangers of alcohol poisoning and how to identify it during heavy binge drinking times.

Priority Area 3/Goal 3: Mental Health of Truman students

In the past 12 months, have you had suicidal thoughts?

	2015 Q206	2016 Q213	2017 Q199	2018 Q195	2019 Q187	2020 Q211	2021 Q180	2022 Q122	2023 Q136
Yes	20.7%	26%	22%	24%	27%	26%	28%	32%	30%
No	79.3%	71%	76%	75%	72%	73%	71%	68%	68%
Prefer not to respond	N/A	3%	1.9%	0.5%	1.0%	1.2%	0.5%	0%	1.7%

What are the barriers that stop you from seeking assistance? (Check all that apply)

	2019 Q185	2020 Q209	2021 Q185	2022 Q128	2023 Q134
Cost is too expensive / insurance doesn't cover	25%	30%	26%	41%	38%
Do not have health insurance	4.7%	3.9%	2.9%	4.1%	2.9%
Do not know any resources	N/A	3.9%	8.6%	14%	19%
It is not helpful	28%	22%	23%	45%	20%
Waiting list is too long	8.5%	3.9%	8.6%	22%	5.8%
Afraid people will judge me	26%	30%	43%	43%	29%
Feel shame	N/A	N/A	46%	43%	46%
Fear of hospitalization	N/A	N/A	37%	43%	5.8%
Do not think I need any assistance	66%	69%	57%	49%	38%
Other	N/A	N/A	2.9%	2.0%	2.9%
Prefer not to respond	4.5%	3.9%	0.0%	2.0%	19%

Would refer someone thinking about suicide (% of likely/very likely responses on MACHB)

2015 Q240	2016 Q222	2017 Q208	2018 Q204	2019 Q196	2020 Q221	2021 Q190	2022 Q134	2023 Q148
84%	83%	86%	88%	85%	86%	84%	84%	89%

Which of the following have you experienced in the past 12 months? (Check all that apply)

	2015 Q212	2016 Q209	2017 Q195	2018 Q191	2019 Q182	2020 Q206	2021 Q174	2022 Q116	2023 Q130
Depression	23.4%	26%	29%	27%	31%	33%	30%	59%	60%
Eating Disorder(s)	7.2%	6%	8.6%	8.0%	6.7%	11%	12%	21%	28%
Chronic Sleep Issues	18.5%	23%	19%	20%	20%	18%	16%	28%	26%
Non-suicidal self-injury / self-harm behaviors	6.9%	9%	8.4%	8.0%	6.5%	8.3%	12%	16%	13%
Anxiety	49.0%	52%	60%	51%	58%	61%	61%	74%	74%
Panic Attacks	17.9%	26%	27%	26%	28%	27%	30%	34%	37%
Bipolar Disorder	2.5%	2%	2.7%	2.1%	3.4%	4.0%	3.3%	3.8%	2.6%
Other mental health concerns (e.g. OCD, ADHD/ADD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	25%	25%
PTSD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8.4%	8%
Substance use disorder	2.2%	2%	3.8%	2.8%	2.2%	1.4%	3.8%	6.9%	4.7%
Other	3.6%	3%	1.1%	2.3%	2.0%	2.6%	3.8%	1.9%	3.1%
I have not experienced any of these	37.7%	36%	32%	38%	34%	31%	29%	15%	12%
I prefer not to respond	N/A	1%	1.9%	1.4%	1.0%	0.9%	0.0%	0.8%	2.3%

In the past two weeks, how stressed have you felt?

	2016 Q202	2017	2018 Q184	2019	2020 Q187	2021 Q156	2022 Q106	2023 Q111
Experienced no stress	0%		0.2%		1.1%	0.5%	1.1%	0.3%
Minimal	5%		3.0%		3.9%	2.8%	5.9%	1.6%
A little stress	9%		10%		13%	10%	8.1%	7.0%
Stressed, but managing	51%		54%		43%	51%	40%	47%
Overwhelmed	29%		28%		37%	32%	37%	36%
My stress is unbearable	4%		4.1%		2.0%	3.7%	8.5%	8.5%

Strategy 1:

Tactic 1: Provide Ask, Listen Refer to all Truman students.
Tactic 2: Residence Life will host individual conversations with students during first semester on accessing mental health resources on campus.
Tactic 3: Residence Life will host house meetings discussing how to get help for a friend thinking about suicide or experiencing other mental health challenges.
Tactic 4: Provide a minimum of 10 on campus or virtual courses or educational activities such as QPR, RESPOND, Mental Health First Aid, etc. per academic year.
Tactic 5: Develop programs equipping students to refer friends to resources and tell University officials about concerns.
Tactic 6: Host programs focusing on positive coping mechanisms for mental health.
Tactic 7: Support usage of the 988 suicide and crisis lifeline.

Priority Area 4/Goal 4: Training of coalition members and campus community partners

Strategy 1: Support members of the coalition and related campus offices, committees, and organizations to attend educational events and receive training that promote the MOPIP mission including the annual Meeting of the Minds (MOM) conference.

Resident and Apartment Assessments from Skyfactor Benchmarks
RESIDENCE LIFE – TRUMAN STATE UNIVERSITY – 2022/23 ASSESSMENTS

Who takes it?
The assessment is given to all students living in on-campus housing (excluding student staff).

When is it administered?
The students were given a link to complete the assessment on October 24, 2022. The assessment closed on November 7, 2022.

How long does it take the student to complete the instrument?
20-40 minutes

What office administers it?
The Department of Residence Life administers the assessments.

Who originates this survey?
The assessments are national instruments created by Skyfactor Benchworks and are used by hundreds of institutions around the nation.

When are results available?
Most are available immediately upon the closing of the assessment. Comparative data to other institutions was available starting summer 2023.

What type of information is sought?
The assessments asked students to rate their satisfactions with various staff, services, processes, and values. It also asked students to what degree living on campus had impacted their learning in a variety of areas. Basic demographic information (age, gender, race) as well as location information (residence hall, house community) was collected as well.

From whom are the results available?
The Director of Residence Life

To whom are the results regularly distributed to?
Results are available to the University community through this almanac. More detailed breakdowns are available from the Director of Residence Life and are regularly shared with the residence life staff for planning for the following semester.

Are the results available by department or discipline?
Neither.

Are the results comparable to data of other universities?
Yes. Hundreds of institutions across the nation utilize this assessment.

The Resident Assessment from Skyfactor Benchworks is administered nationally to residence life programs around the country. The assessment is designed to give residence life programs data about their operations compared internally over time and compared externally to other institutions. Scores from the many questions asked form scores for 18 different factors.

Satisfaction factors include student staff, programming, hall/apartment environment, facilities, services, room assignment, room change, safety and security, roommates, dining services, and community involvement.

Learning factors include personal interactions, sense of community, diverse interactions, self-management, alcohol and drug use, sustainability, and academic success.

Skyfactor prepares a priority matrix of all the factors. The factors are grouped into four quadrants, each one showcasing whether performance is high and whether that factor seems to impact how students rate residence life overall. Truman's factors landed as follows:

Top Priority Quadrant: Factors that have a **high impact** on how students rate overall performance and that are **not scoring as well as they could**.
From SkyFactor: Performance on these factors is below goal value and improvement of these factors should impact Overall Program Effectiveness.

Learning: Personal Interactions
Learning: Academic Success
Learning: Self-Management
Satisfaction: Services Provided
Satisfaction: Hall/Apt Programming

Maintain or Improve Quadrant: Factors that have a **high impact** on how students rate overall performance that are **scoring well**.
From SkyFactor: Maintaining the current level of performance on these factors is desired since these factors have high impact on Overall Program Effectiveness. However, further improvement will be difficult since current performance is already excellent.

Satisfaction: Room Assignment
Satisfaction: Hall/Apt Environment

Maintain:
Factors that have a **low impact** on how students rate overall performance and are **scoring well**.
From SkyFactor: If possible, consider reallocating some efforts from these areas to the Top Priority areas. Maintaining high levels of performance for these factors that have little to no impact on Overall Program Effectiveness may be unnecessary.

Satisfaction: Hall/Apt Student Staff
Satisfaction: Facilities
Satisfaction: Services Provided
Satisfaction: Safety and Security
Satisfaction: Community Environment
Learning: Sense of Community

Monitor Quadrant: Factors that have a **low impact** on how students rate overall performance and are **not scoring as well as they could.**
From SkyFactor: Carefully monitor performance in these areas and reallocate some efforts to the Top Priority areas, if possible. While these factors are low performing, they have little if any impact on Overall Program Effectiveness.

Learning: Diverse Interactions
Learning: Alcohol and Drug Use
Learning: Sustainability

All questions and factors are scored on a 7-point scale with 7 being highly satisfied, 4 being a neutral score, and 1 being highly unsatisfied. A score of 5.5 is the recommended goal by Skyfactor Benchworks for all questions and factors. In the Resident Assessment, there are three encompassing categories of overall satisfaction, learning, and program effectiveness. **For 2022-2023, overall satisfaction scored 5.61 (up from 5.39), overall learning scored 5.27 (up from 5.08), and overall program effectiveness scored 5.32 (up from 5.11).**
Notes on This Year's Efforts and Scores:

- **Overall Satisfaction by Building**: The highest rated score this year is Ryle Hall (5.80), with Missouri Hall next (5.71), then West Campus Suites (5.60), then Blanton-Nason-Brewer (5.47), then Dobson Hall (5.37), and Campbell Apartments (5.15). This order for top scoring halls has been fairly consistent for many years now, though Ryle took the top position from Missouri Hall for the first time in over a decade. This decline in Missouri Hall's score is linked to decreased satisfaction with housekeeping efforts in the shared bathrooms. Individual houses (communities) across campus ranged from a high score of 6.38 to a low score of 4.33.

- **Exceeding Post-COVID Gains:** Two years ago, the aggregated scores in Skyfactor showed there was nationwide drop in student satisfaction and learning while living in residence halls. Nowhere was this more apparent than with the factor named "Personal Interactions." In 2019-20, Turman's score was 5.32. That fell to 5.00 in 2020-21 as COVID restrictions limited the types of experiences that traditionally make living on campus a place to meet and interact with other students. Last year, the score rebounded and increased to 5.34 to exceed pre-COVID restriction scoring. This year, while most institutions saw their scores remain stable, Truman's score again increased, this time to 5.42. This kind of continued growth was realized in academic success learning, drugs and alcohol learning, diverse interactions learning, and many other factors.

- **Increased Education on Drugs and Alcohol:** Action plans were again utilized this year to help Student Advisors capitalize on the growth in learning seen in this factor in recent years. This year, performance again improved, this time from 5.20 to 5.41, Truman's highest score ever. This places Truman within striking distance of the 5.50 goal.

- **Self Management and Academic Excellence:** Self management is an area that has been trending higher for several years and is now at its highest score (5.06) since 2012-13 (5.15). Academic success has only been measured for three years with this year being the highest

(4.76). The new learning goals of Professional Competency and Academic Excellence were fully rolled out this year in the Engagement and Development (E&D) Plan. Those sections will be adjusted to try and further realize gains for next year.

- **Comparing Truman Scores to Other Colleges and Universities:** A benefit of using the Skyfactor assessment is that hundreds of other residence life departments across the country are as well. Skyfactor Benchworks prepares a comparative report each summer once all participating schools have completed their assessments. The report compares Truman's scores on each factor to three different groups of institutions.
    - **Select 6:** This group of schools is selected by the Director of Residence Life each year from the list of schools completing the assessment. Per the user agreement with Skyfactor, the list of names of intuitions in this comparison group is kept confidential. An effort is made to select schools similar to Truman in campus size, rural setting and town size, academic profile, academic mission, and geographic recruitment pool.
    - **Carnegie Class:** This group of schools is made up of other institutions that match Truman's Carnegie Class (Master's Colleges and Universities: Medium Programs). While a somewhat helpful comparison group, student experiences and campuses can vary wildly within it. The Select 6 group is a more accurate comparison group.
    - **All Institutions:** This comparison shows Truman's scores relative to all schools taking the assessment.

As in past years, Truman scores very well against residence life programs across the nation. Student staff, hall environment, sense of community, safety, overall satisfaction, overall learning, and overall program effectiveness were just some of the areas where Truman outpaced all comparison groups this year. In areas like academic success and self-management, Truman Residence Life has been closing the gap through the continued implementation of the E&D Plan. Continued improvement in these scores through improved use of the E&D plan can help Truman further exceed scores from other institutions on overall satisfaction, learning, and program effectiveness.

Appendix to Follow:
1. **CSAR Priority Matrix:** This is a visual representation that showcases some highlighted factor scores within two axes: performance vs. impact on overall program effectiveness. This diagram and accompanying chart, emphasizes factors that are most impacting overall satisfaction for a given year. It usually fails to highlight high scoring factors that bear less directly on satisfaction but are key to supporting higher impact factors. All factors and their placing within this matrix were discussed earlier in this report.
2. **External Benchmark Comparison:** In this chart, Truman's scores for each factor are compared to the "Select 6" group of schools, Truman's Carnegie Class peers, and all institutions. Truman scores very well compared to other institutions.
3. **Listing of Factor Scores:** This is a rundown of factor scores for Truman. This shows scores on a scale of 1-7 with scores above 4.00 being positive and 5.50 and above as meeting success goals.

4. **Graph Highlighting "Personal Interaction" Scores Going Back to 2018-19 Academic Year:** Part of this assessment's write-up highlighted the bounce back in "Personal Interactions" scores last year and the further growth realized this year. While most institutions held steady in this and other factors, Truman made additional progress. This chart showcases five years of data on this factor. It captures:

   - the pre-pandemic scores of the 2018-19 and 2019-20 academic years (surveys taken in Fall 2018 and 2019)
   - the 2020-21 academic year COVID dip in score (survey taken fall 2020)
   - the increase above previous positions once COVID mitigation measures were loosened in the 2021-22 academic year (survey taken fall 2021)
   - continued growth in 2022-23 (survey taken fall 2022)

Appendix 1A: Priority Matrix Diagram

Truman State University > All Respondents (no filter selected)
Priority Matirx
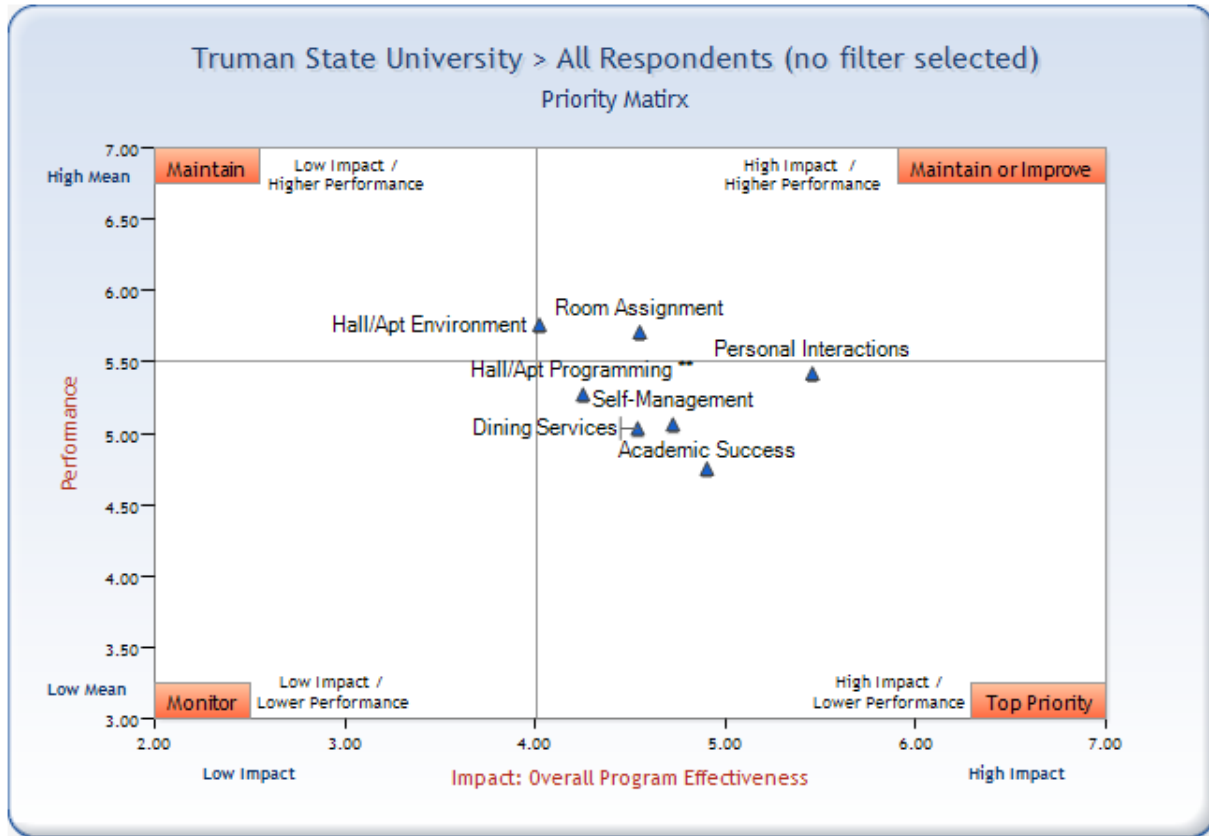
Appendix 1B: Priority Matrix Chart

Top Priority

	Factors	Recommendations	Rationale For Recommendations
⚠️	• **Learning: Personal Interactions** • **Learning: Academic Success** • **Learning: Self-Management** • **Satisfaction: Dining Services** • **Satisfaction: Hall/Apt Programming ****	Increase efforts (e.g. personnel, fiscal, time, focus) in these areas	Performance on these factors is below goal value and improvement of these factors should impact Overall Program Effectiveness. ⬆️ Impact ⬇️ Performance

Maintain or Improve

	Factors	Recommendations	Rationale For Recommendations
🔍	• **Satisfaction: Room Assignment** • **Satisfaction: Hall/Apt Environment**	Maintain current efforts (e.g. personnel, fiscal, time, focus) in these areas	Maintaining the current level of performance on these factors is desired since these factors have high impact on Overall Program Effectiveness. However, further improvement will be difficult since current performance is already excellent. ⬆️ Impact ⬆️ Performance

Maintain

	Factors	Recommendations	Rationale For Recommendations
🔍	• **Satisfaction: Hall/Apt Student Staff** • **Satisfaction: Facilities** • **Satisfaction: Services Provided** • **Satisfaction: Safety and Security** • **Satisfaction: Community Environment** • **Learning: Sense of Community**	Consider reducing current efforts (e.g. personnel, fiscal, time, focus) in these areas	If possible, consider reallocating some efforts from these areas to the Top Priority areas. Maintaining high levels of performance for these factors that have little to no impact on Overall Program Effectiveness may be unnecessary. ⬇️ Impact ⬆️ Performance

Monitor

|	Factors	Recommendations	Rationale For Recommendations
🕐	• **Learning: Diverse Interactions** • **Learning: Alcohol and Drug Use** • **Learning: Sustainability**	Monitor efforts (e.g. personnel, fiscal, time, focus) in these areas	Carefully monitor performance in these areas and reallocate some efforts to the Top Priority areas, if possible. While these factors are low performing, they have little if any impact on Overall Program Effectiveness. ⬇️ Impact ⬇️ Performance

** Indicates a negative correlation.

Appendix 2: External Benchmark Comparison

Factor 1. Satisfaction: Hall/Apt Student Staff
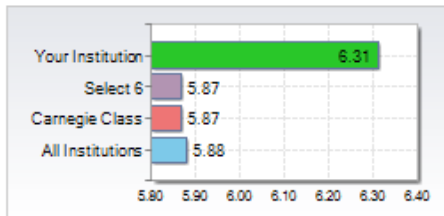
	N	Mean	Std Dev			
Your Institution	508	6.31	1.04			

	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4819	5.87	1.25	5.65	6.31	0.44	1 of 7
Carnegie Class	7782	5.87	1.28	5.25	6.46	0.44	3 of 22
All Institutions	196107	5.88	1.30	4.77	6.49	0.43	16 of 289

(Chart) Your Institution 6.31; Select 6 5.87; Carnegie Class 5.87; All Institutions 5.88

Factor 2. Satisfaction: Hall/Apt Programming
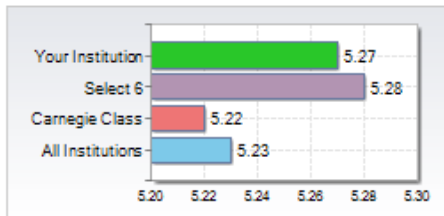
	N	Mean	Std Dev			
Your Institution	454	5.27	1.40			

	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4400	5.28	1.39	4.80	5.47	-0.01	4 of 7
Carnegie Class	7041	5.22	1.49	4.23	5.99	0.05	12 of 22
All Institutions	178658	5.23	1.46	4.23	6.04	0.04	117 of 289

(Chart) Your Institution 5.27; Select 6 5.28; Carnegie Class 5.22; All Institutions 5.23

Factor 3. Satisfaction: Hall/Apt Environment
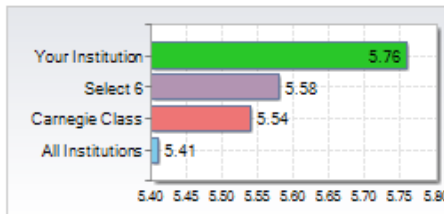
	N	Mean	Std Dev			
Your Institution	508	5.76	1.10			

	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4913	5.58	1.27	5.29	5.76	0.18	1 of 7
Carnegie Class	7986	5.54	1.32	4.82	6.09	0.22	5 of 22
All Institutions	200992	5.41	1.38	4.53	6.09	0.35	22 of 290

(Chart) Your Institution 5.76; Select 6 5.58; Carnegie Class 5.54; All Institutions 5.41

Factor 4. Satisfaction: Facilities
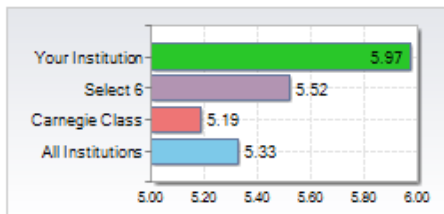
	N	Mean	Std Dev			
Your Institution	508	5.97	1.04			

	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4904	5.52	1.28	5.32	5.97	0.45	1 of 7
Carnegie Class	7987	5.19	1.49	3.70	6.11	0.78	3 of 22
All Institutions	200821	5.33	1.41	3.49	6.18	0.64	10 of 290

(Chart) Your Institution 5.97; Select 6 5.52; Carnegie Class 5.19; All Institutions 5.33

Factor 5. Satisfaction: Services Provided
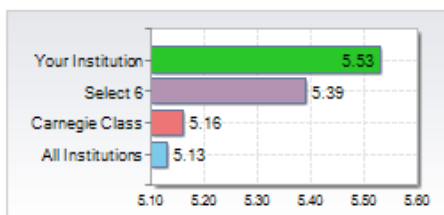
	N	Mean	Std Dev			
Your Institution	509	5.53	1.03			

	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4909	5.39	1.15	4.98	5.63	0.14	2 of 7
Carnegie Class	7993	5.16	1.23	4.22	5.90	0.37	6 of 22
All Institutions	201011	5.13	1.23	3.91	5.94	0.40	24 of 290

(Chart) Your Institution 5.53; Select 6 5.39; Carnegie Class 5.16; All Institutions 5.13

Factor 6. Satisfaction: Room Assignment
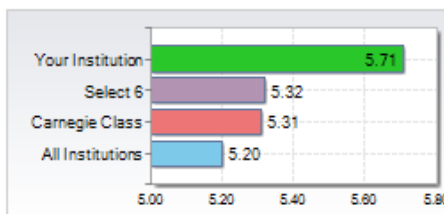
	N	Mean	Std Dev			
Your Institution	493	5.71	1.05			

	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4742	5.32	1.33	5.10	5.71	0.39	1 of 7
Carnegie Class	7677	5.31	1.30	4.52	6.13	0.40	4 of 22
All Institutions	192077	5.20	1.35	4.11	6.13	0.51	13 of 288

(Chart) Your Institution 5.71; Select 6 5.32; Carnegie Class 5.31; All Institutions 5.20

Factor 7. Satisfaction: Room Change
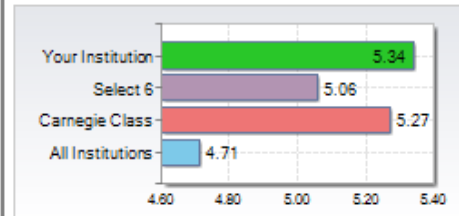
	N	Mean	Std Dev				
Your Institution	32	5.34	1.33				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	304	5.06	1.72	4.49	5.79	**0.28**	3 of 6
Carnegie Class	709	5.27	1.63	4.17	5.79	**0.07**	12 of 21
All Institutions	14523	4.71	1.86	3.30	6.40	**0.63**	51 of 266

Factor 8. Satisfaction: Safety and Security
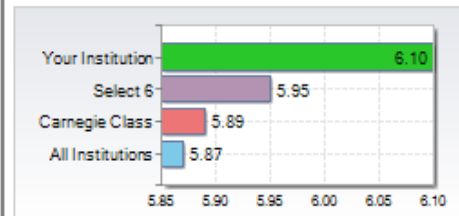
	N	Mean	Std Dev				
Your Institution	510	6.10	0.95				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4908	5.95	1.09	5.68	6.11	**0.15**	2 of 7
Carnegie Class	7983	5.89	1.12	5.21	6.41	**0.21**	4 of 22
All Institutions	200735	5.87	1.15	4.58	6.66	**0.23**	41 of 290

Factor 9. Satisfaction: Roommates
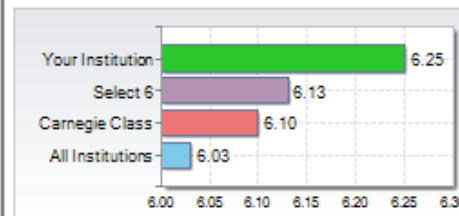
	N	Mean	Std Dev				
Your Institution	351	6.25	1.13				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	3620	6.13	1.24	5.84	6.25	**0.12**	1 of 7
Carnegie Class	4718	6.10	1.29	4.91	6.47	**0.15**	7 of 22
All Institutions	138227	6.03	1.32	4.91	6.51	**0.22**	28 of 289

Factor 10. Satisfaction: Dining Services
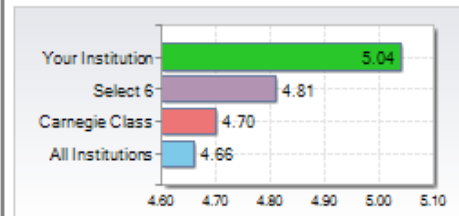
	N	Mean	Std Dev				
Your Institution	489	5.04	1.13				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4464	4.81	1.30	4.17	5.04	**0.23**	1 of 7
Carnegie Class	7005	4.70	1.35	3.62	5.34	**0.34**	3 of 22
All Institutions	168252	4.66	1.38	3.17	5.77	**0.38**	43 of 279

Factor 11. Satisfaction: Community Environment
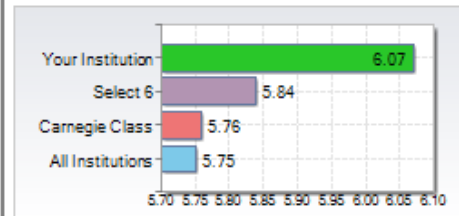
	N	Mean	Std Dev				
Your Institution	480	6.07	1.03				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4724	5.84	1.23	5.60	6.11	**0.23**	2 of 7
Carnegie Class	7553	5.76	1.27	4.98	6.18	**0.31**	4 of 22
All Institutions	188200	5.75	1.30	4.60	6.38	**0.32**	24 of 287

Factor 12. Learning: Personal Interactions
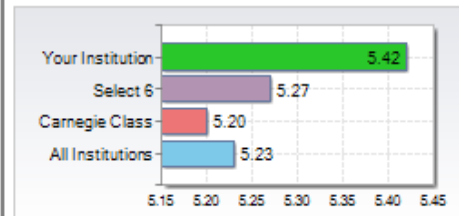
	N	Mean	Std Dev				
Your Institution	473	5.42	1.45				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4624	5.27	1.45	4.94	5.42	**0.15**	1 of 7
Carnegie Class	7259	5.20	1.50	4.78	5.99	**0.22**	7 of 22
All Institutions	184593	5.23	1.52	4.23	6.08	**0.19**	62 of 288

Factor 13. Learning: Sense of Community
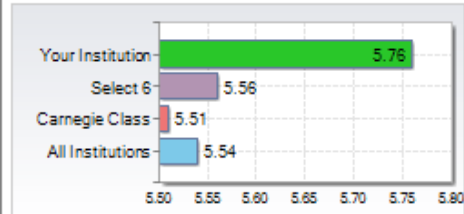
	N	Mean	Std Dev				
Your Institution	483	5.76	1.15				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4734	5.56	1.24	5.29	5.78	0.20	2 of 7
Carnegie Class	7592	5.51	1.26	4.90	6.14	0.25	4 of 22
All Institutions	191250	5.54	1.27	4.55	6.32	0.22	42 of 288

Factor 14. Learning: Diverse Interactions
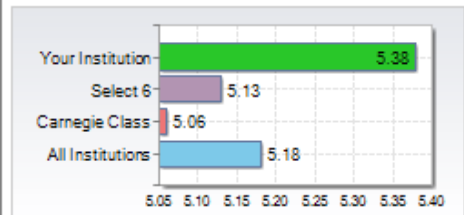
	N	Mean	Std Dev				
Your Institution	468	5.38	1.52				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4566	5.13	1.59	4.73	5.38	0.25	1 of 7
Carnegie Class	7137	5.06	1.66	4.51	6.02	0.32	8 of 22
All Institutions	181748	5.18	1.64	4.09	6.09	0.20	65 of 288

Factor 15. Learning: Self-Management
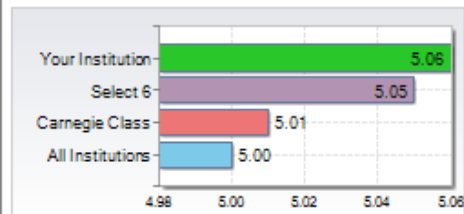
	N	Mean	Std Dev				
Your Institution	473	5.06	1.34				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4626	5.05	1.36	4.82	5.15	0.01	2 of 7
Carnegie Class	7243	5.01	1.40	4.41	5.95	0.05	9 of 22
All Institutions	184200	5.00	1.40	4.32	5.95	0.06	94 of 289

Factor 16. Learning: Alcohol and Drug Use
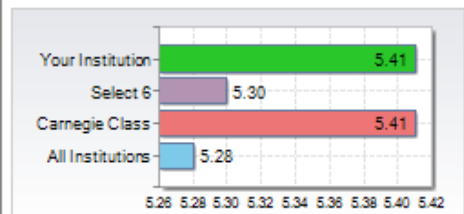
	N	Mean	Std Dev				
Your Institution	451	5.41	1.58				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4284	5.30	1.78	4.73	5.66	0.11	2 of 7
Carnegie Class	6792	5.41	1.77	4.57	6.00	0.00	10 of 22
All Institutions	164992	5.28	1.77	4.40	6.00	0.13	85 of 282

Factor 17. Learning: Sustainability
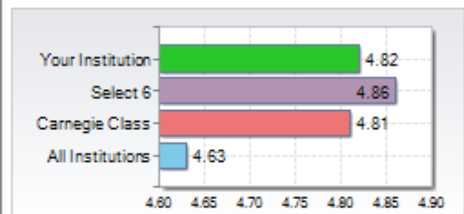
	N	Mean	Std Dev				
Your Institution	451	4.82	1.63				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4336	4.86	1.67	4.12	5.08	-0.04	4 of 7
Carnegie Class	6918	4.81	1.74	4.11	5.70	0.01	11 of 22
All Institutions	172057	4.63	1.78	3.38	5.70	0.19	83 of 285

Factor 18. Learning: Academic Success
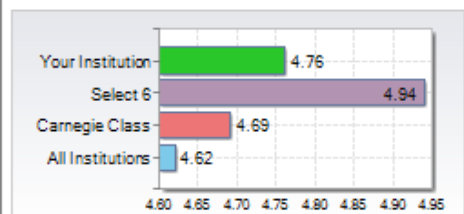
	N	Mean	Std Dev				
Your Institution	468	4.76	1.51				
	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4539	4.94	1.55	4.30	5.30	-0.18	3 of 7
Carnegie Class	7182	4.69	1.62	3.99	5.80	0.07	9 of 22
All Institutions	180103	4.62	1.67	3.40	5.92	0.14	82 of 287

Factor 19. Overall Satisfaction
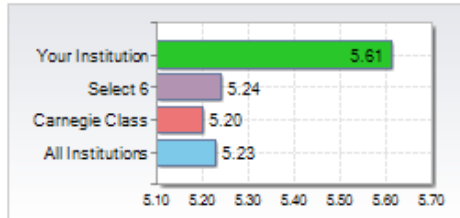
	N	Mean	Std Dev
Your Institution	467	5.61	1.29

	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4604	5.24	1.44	5.04	5.61	0.37	1 of 7
Carnegie Class	7192	5.20	1.51	4.32	6.05	0.41	5 of 22
All Institutions	184037	5.23	1.50	4.12	6.06	0.38	24 of 290

Factor 20. Overall Learning
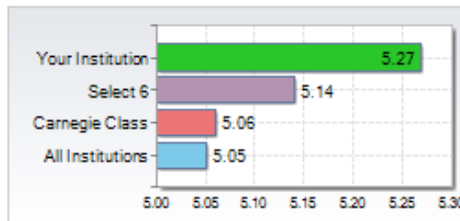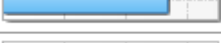
	N	Mean	Std Dev
Your Institution	466	5.27	1.43

	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4590	5.14	1.50	4.85	5.27	0.13	2 of 7
Carnegie Class	7177	5.06	1.59	4.30	6.06	0.21	6 of 22
All Institutions	181370	5.05	1.58	4.20	6.06	0.22	61 of 289

Factor 21. Overall Program Effectiveness
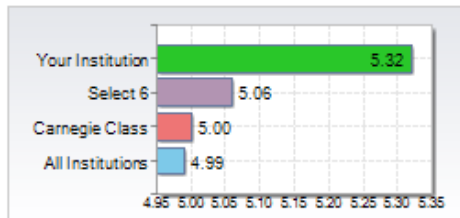
	N	Mean	Std Dev
Your Institution	468	5.32	1.25

	N	Mean	Std Dev	Min	Max	Difference	Rank
Select 6	4617	5.06	1.39	4.79	5.32	0.26	1 of 7
Carnegie Class	7198	5.00	1.45	4.13	5.96	0.32	6 of 22
All Institutions	184251	4.99	1.44	4.03	5.96	0.33	32 of 290

Appendix 3: Listing of Factor Scores

Factor	N	Std Dev	Mean
Factor 1. Satisfaction: Hall/Apt Student Staff	508	1.04	6.31
Factor 2. Satisfaction: Hall/Apt Programming	454	1.40	5.27
Factor 3. Satisfaction: Hall/Apt Environment	508	1.10	5.76
Factor 4. Satisfaction: Facilities	508	1.04	5.97
Factor 5. Satisfaction: Services Provided	509	1.03	5.53
Factor 6. Satisfaction: Room Assignment	493	1.05	5.71
Factor 7. Satisfaction: Room Change	32	1.33	5.34
Factor 8. Satisfaction: Safety and Security	510	0.95	6.10
Factor 9. Satisfaction: Roommates	351	1.13	6.25
Factor 10. Satisfaction: Dining Services	489	1.13	5.04
Factor 11. Satisfaction: Community Environment	480	1.03	6.07
Factor 12. Learning: Personal Interactions	473	1.45	5.42
Factor 13. Learning: Sense of Community	483	1.15	5.76
Factor 14. Learning: Diverse Interactions	468	1.52	5.38
Factor 15. Learning: Self-Management	473	1.34	5.06
Factor 16. Learning: Alcohol and Drug Use	451	1.58	5.41
Factor 17. Learning: Sustainability	451	1.63	4.82
Factor 18. Learning: Academic Success	468	1.51	4.76
Factor 19. Overall Satisfaction	467	1.29	5.61
Factor 20. Overall Learning	466	1.43	5.27
Factor 21. Overall Program Effectiveness	468	1.25	5.32

Appendix 4: Graph Highlighting "Personal Interaction" Scores Going Back to 2018-19 Academic Year