



# National Survey of Student Engagement

The College Student Report

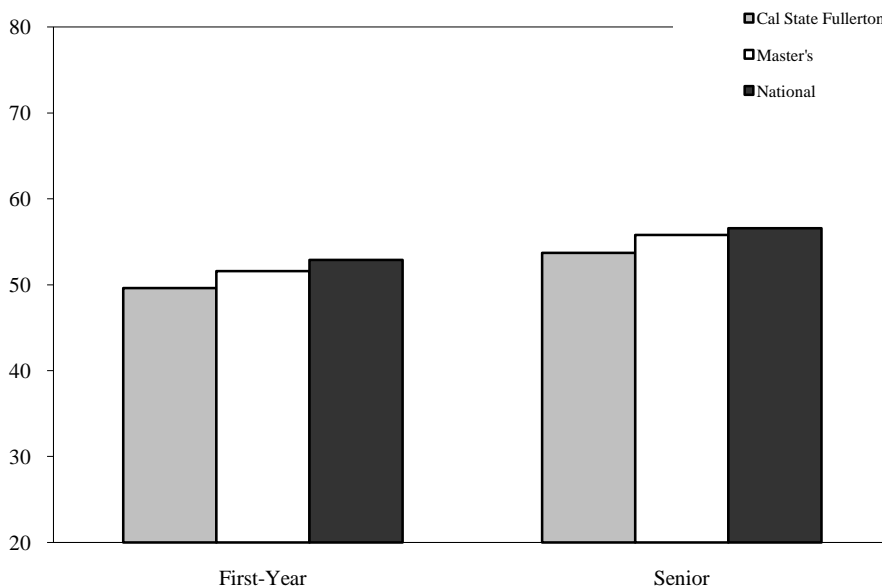
## NSSE 2001 Institutional Benchmark Report California State University, Fullerton

The NSSE survey, *The College Student Report*, measures student engagement in many important activities that research studies show are positively related to learning and personal development. Forty questions from the survey are assigned to five clusters of similar activities and conditions to make up the national benchmarks of effective educational practice. The benchmarks are created on 100-point scales to make it easier to compare performance within and across sectors and institutional types.

These benchmarks are: (1) level of academic challenge, (2) active and collaborative learning, (3) student interactions with faculty members, (4) enriching educational experiences, and (5) supportive campus environment. The NSSE benchmark analysis is based on more than 105,000 randomly selected students at 467 four-year colleges and universities that participated in the spring of 2000 or 2001. The students represent a broad cross-section of first-year and senior students from every region of the country. The institutions are similar in most respects to the universe of four-year schools. More detailed information about the benchmarks can be found in the national report that was sent with this mailing and on the NSSE website at [www.iub.edu/~nsse](http://www.iub.edu/~nsse).

This report summarizes your institution's performance in these five areas of effective educational practice. Your institution's benchmark scores are presented and compared to schools in your Carnegie Classification and the NSSE national norms. Page 4 provides some additional information, including a standard score that represents the magnitude of the difference between your institution's score and the respective comparison group, and page 5 presents a table of National and Carnegie classification deciles against which you can gauge the relative performance of your institution on each of the benchmarks.

### Level of Academic Challenge



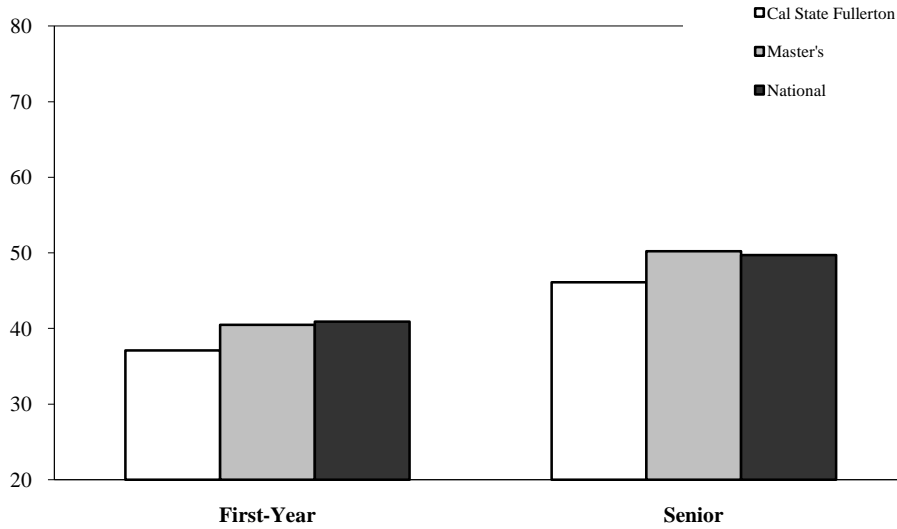
#### Benchmark Scores

	Institution	Carnegie Classification	All NSSE Institutions
	<b>Cal State Fullerton</b>	<b>Master's</b>	<b>National</b>
<b>First-Year</b>	49.6	51.6	52.9
<b>Senior</b>	53.7	55.8	56.6

#### Level of Academic Challenge Items:

- Preparing for class (studying, reading, writing, rehearsing, and other activities related to your academic program)
- Number of assigned textbooks, books, or book-length packs of course readings
- Number of written papers or reports of 20 pages or more
- Number of written papers or reports of between 5 and 19 pages
- Number of written papers or reports of fewer than 5 pages
- Coursework emphasizes: Analyzing the basic elements of an idea, experience or theory
- Coursework emphasizes: Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships
- Coursework emphasizes: Making judgments about the value of information, arguments, or methods
- Coursework emphasizes: Applying theories or concepts to practical problems or in new situations
- Worked harder than you thought you could to meet an instructor's standards or expectations
- Campus environment emphasizes spending significant amounts of time studying and on academic work

## Active and Collaborative Learning



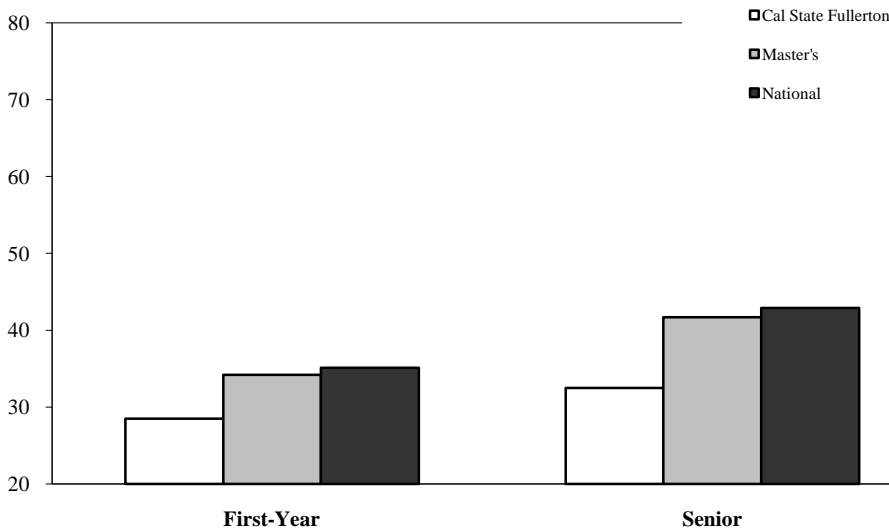
### Benchmark Scores

	Institution	Carnegie Classification	All NSSE Institutions
	<b>Cal State Fullerton</b>	<b>Master's</b>	<b>National</b>
<b>First-Year</b>	37.1	40.5	40.9
<b>Senior</b>	46.1	50.2	49.7

### Active and Collaborative Learning Items:

- Asked questions in class or contributed to class discussions
- Made a class presentation
- Worked with other students on projects during class
- Worked with classmates outside of class to prepare class assignments
- Tutored or taught other students
- Participated in a community-based project as part of a regular course
- Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)

## Student Interactions with Faculty Members



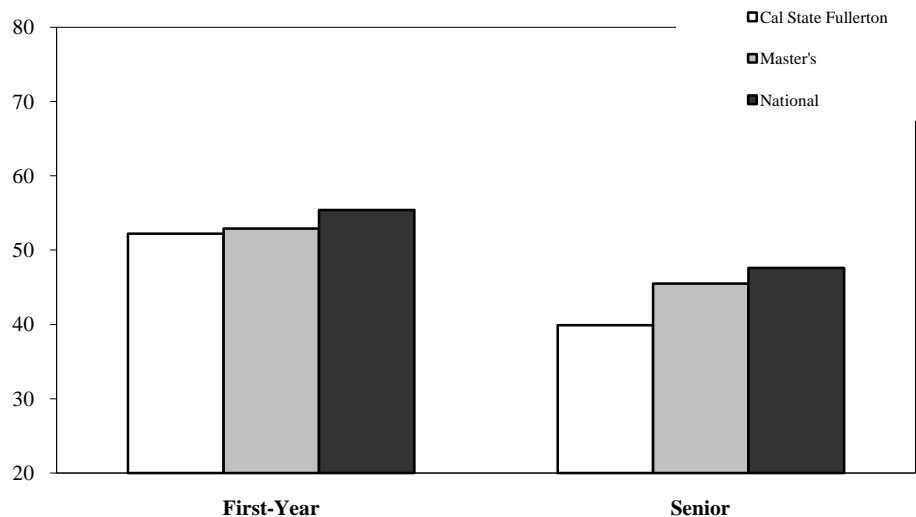
### Benchmark Scores

	Institution	Carnegie Classification	All NSSE Institutions
	<b>Cal State Fullerton</b>	<b>Master's</b>	<b>National</b>
<b>First-Year</b>	28.5	34.2	35.1
<b>Senior</b>	32.5	41.7	42.9

### Student Interactions with Faculty Members Items:

- Discussed grades or assignments with an instructor
- Talked about career plans with a faculty member or advisor
- Discussed ideas from your readings or classes with faculty members outside of class
- Worked with faculty members on activities other than coursework (committees, orientation, student-life activities, etc.)
- Received prompt feedback from faculty on your academic performance (written or oral)
- Worked or planned to work with a faculty member on a research project outside of course or program requirements

## Enriching Educational Experiences



### Benchmark Scores

	Institution	Carnegie Classification	All NSSE Institutions
	Cal State Fullerton	Master's	National
<b>First-Year</b>	52.2	52.9	55.4
<b>Senior</b>	39.9	45.5	47.6

### Enriching Educational Experiences Items:

Participating in co-curricular activities (organizations, publications, student government, sports, etc.)

Practicum, internship, field experience, co-op experience, or clinical assignment

Community service or volunteer work

Foreign language coursework & study abroad

Independent study or self-designed major

Culminating senior experience (comprehensive exam, capstone course, thesis, project, etc.)

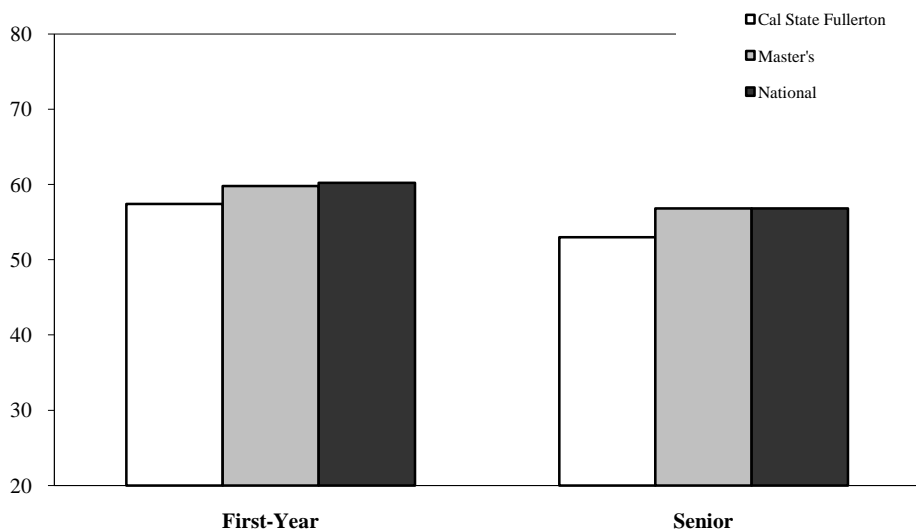
Had serious conversations with students that have different religious beliefs, political opinions, or personal values

Had serious conversations with students of a different race or ethnicity

Used electronic technology (list-serve, chat group, internet, etc.) to discuss or complete an assignment

Campus environment encourages contact among students from different economic, social, and racial or ethnic backgrounds

## Supportive Campus Environment



### Benchmark Scores

	Institution	Carnegie Classification	All NSSE Institutions
	Cal State Fullerton	Master's	National
<b>First-Year</b>	57.4	59.8	60.2
<b>Senior</b>	53.0	56.8	56.8

### Supportive Campus Environment Items:

Campus environment provides the support you need to help you succeed academically

Campus environment helps you cope with your non-academic responsibilities (work, family, etc.)

Campus environment provides the support you need to thrive socially

Quality of relationships with other students

Quality of relationships with faculty members

Quality of relationships with administrative personnel and offices

## NSSE 2000-2001 National Benchmark Summary Statistics California State University, Fullerton

First-Year				
Benchmark	Cal State Fullerton Benchmark Score	Comparison Group Statistics		
			Master's	National
<b>Level of Academic Challenge</b>	49.6	Benchmark Score	51.6	52.9
		Score Difference	-2.0	-3.3
		Standard Deviation	3.8	4.5
		Standard Score	-0.5	-0.7
<b>Active and Collaborative Learning</b>	37.1	Benchmark Score	40.5	40.9
		Score Difference	-3.4	-3.8
		Standard Deviation	4.3	4.7
		Standard Score	-0.8	-0.8
<b>Student Interactions With Faculty Members</b>	28.5	Benchmark Score	34.2	35.1
		Score Difference	-5.7	-6.6
		Standard Deviation	4.6	5.3
		Standard Score	-1.2	-1.2
<b>Enriching Educational Experiences</b>	52.2	Benchmark Score	52.9	55.4
		Score Difference	-0.7	-3.2
		Standard Deviation	6.4	7.8
		Standard Score	-0.1	-0.4
<b>Supportive Campus Environment</b>	57.4	Benchmark Score	59.8	60.2
		Score Difference	-2.4	-2.8
		Standard Deviation	5.0	5.6
		Standard Score	-0.5	-0.5
		Number of Institutions	193	465

### Explanation of Statistics

**Benchmark Score:** The institutional benchmark score is the weighted arithmetic average (mean) of the corresponding survey items, calculated by dividing the sum of values for each item by the total number of students responding to that item. Each benchmark was put on a 100-point scale. Comparison group benchmark scores are the average of all institutional benchmark scores within the group.

**Score Difference:** The result of subtracting the comparison group score (Carnegie Classification or national) from your institution's score on each benchmark.

**Standard Deviation:** The average amount each institution's benchmark score deviates from the mean of all benchmark scores in the comparison group. The greater the dispersion of scores the larger the standard deviation.

**Standard Score (SS):** In statistical terms, this is a z score - the standardized magnitude of the difference between your school's benchmark score and the mean of the comparison group. It is calculated by dividing the score difference by the standard deviation of the comparison group.

Assuming the group means are normally distributed, a SS of 0.5 refers to a benchmark score that is greater than 69% of all comparison group schools, and 1.0 is greater than 84%. Likewise, a negative SS of -0.5 corresponds to a score that is better than 31% of the comparison group, and a -1.0 corresponds to an institution that is better than only 16% of the comparison group. A SS of zero indicates that the institution and comparison group benchmark scores are equal, and that the institution's score is higher than roughly 50% of the other schools in the group.

Also note the sign of the SS. A positive sign means that your institution's score was greater than the comparison group average, thus showing an affirmative result for the institution. A negative sign indicates the institution lags behind, suggesting that the student behavior or institutional practice represented by the benchmark may warrant attention.

Senior				
Benchmark	Cal State Fullerton Benchmark Score	Comparison Group Statistics <sup>a</sup>		
			Master's	National
<b>Level of Academic Challenge</b>	53.7	Benchmark Score	55.8	56.6
		Score Difference	-2.1	-2.9
		Standard Deviation	3.1	3.8
		Standard Score	-0.7	-0.8
<b>Active and Collaborative Learning</b>	46.1	Benchmark Score	50.2	49.7
		Score Difference	-4.1	-3.6
		Standard Deviation	3.8	4.5
		Standard Score	-1.1	-0.8
<b>Student Interactions With Faculty Members</b>	32.5	Benchmark Score	41.7	42.9
		Score Difference	-9.2	-10.4
		Standard Deviation	5.5	6.8
		Standard Score	-1.7	-1.5
<b>Enriching Educational Experiences</b>	39.9	Benchmark Score	45.5	47.6
		Score Difference	-5.6	-7.7
		Standard Deviation	5.5	7.1
		Standard Score	-1.0	-1.1
<b>Supportive Campus Environment</b>	53.0	Benchmark Score	56.8	56.8
		Score Difference	-3.8	-3.8
		Standard Deviation	5.3	6.1
		Standard Score	-0.7	-0.6
		Number of Institutions	194	467

# NSSE National Benchmark Deciles

## California State University, Fullerton

These tables present the range of institutional scores by decile for the five benchmarks of effective educational practice for both first-year and senior students. Deciles are percentile scores that divide the frequency of benchmark scores into ten equal groups. Deciles are listed for both the NSSE national results and for each of the Carnegie Classifications. A percentile is the point in a distribution at or below which a given percentage of institutional benchmark scores fall. For example, the 60th percentile represents the point at or below which 60 percent of the institutional benchmark scores fall for the respective comparison group. To help you gauge your institution's performance relative to the comparison groups, the shaded areas on the national and Carnegie classification tables indicate the deciles that are less than or equal to your benchmark score. For example, if your benchmark score on Level of Academic Challenge for first-year students is 55.6, then your institution falls within the 70th and 80th percentile range on the national table, and between the 80th and 90th percentiles on the Research/Doctoral-Extensive table.

	First-Year											Senior										
	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
<b>National</b>																						
Level of Academic Challenge	42.2	47.6	49.3	50.3	51.2	52.2	53.3	54.7	56.7	59.1	65.8	48.5	52.3	53.2	54.2	55.1	56.0	56.9	58.1	59.6	61.9	70.8
Active and Collaborative Learning	27.6	35.3	36.5	37.9	39.3	40.7	41.8	43.2	45.0	47.4	56.0	38.2	44.4	46.2	47.2	48.2	49.5	50.7	51.7	53.3	55.4	67.7
Student Interactions With Faculty	23.0	28.6	30.7	32.0	33.3	34.4	35.9	37.4	39.4	42.2	57.0	24.8	35.1	37.2	38.7	40.3	42.0	43.9	45.9	49.0	52.0	64.9
Enriching Educational Experiences	38.3	45.4	48.7	51.0	53.3	55.3	57.2	59.0	61.8	65.9	79.1	33.8	39.6	41.4	43.3	44.8	46.5	48.2	50.8	53.2	56.9	77.6
Supportive Campus Environment	44.5	53.4	55.4	57.2	58.7	59.8	61.6	63.0	64.7	67.4	76.8	41.0	49.1	51.6	53.3	55.1	56.8	58.3	60.2	62.0	64.8	75.8
<b>Res/Doc-Extensive</b>																						
Level of Academic Challenge	44.5	47.2	48.5	49.6	49.8	50.6	51.8	53.0	54.6	56.8	62.1	49.4	52.2	52.7	53.2	53.6	54.5	54.9	55.5	56.4	58.0	60.0
Active and Collaborative Learning	31.3	34.2	35.6	36.0	36.7	37.4	38.1	38.9	39.8	41.3	44.9	39.3	42.3	43.7	44.5	45.2	45.7	46.5	47.1	48.1	48.8	53.8
Student Interactions With Faculty	23.4	27.3	28.7	29.4	30.5	31.5	32.2	33.6	34.2	36.6	44.2	30.8	34.7	36.0	36.4	37.2	37.9	38.9	39.6	42.3	43.6	45.6
Enriching Educational Experiences	43.5	48.4	50.8	52.8	53.9	55.5	56.8	58.7	59.6	62.2	70.6	35.7	40.1	42.5	43.6	44.8	45.3	46.8	48.1	49.7	52.3	57.6
Supportive Campus Environment	44.5	51.5	52.6	53.7	54.8	56.3	57.1	58.2	59.0	59.7	70.8	41.0	45.8	47.7	49.3	50.2	51.5	52.2	53.0	53.8	56.3	65.7
<b>Res/Doc-Intensive</b>																						
Level of Academic Challenge	44.6	47.5	48.6	49.9	51.0	51.7	52.9	54.1	55.4	57.8	60.1	49.6	51.6	52.5	53.0	53.9	55.1	55.8	56.4	57.1	58.3	62.0
Active and Collaborative Learning	31.7	34.6	35.5	36.4	37.3	39.1	39.9	41.1	42.3	46.4	48.4	38.8	42.1	44.1	45.4	46.5	46.8	48.1	49.6	51.0	51.7	57.2
Student Interactions With Faculty	25.1	26.8	28.3	30.5	33.2	34.0	35.1	35.6	36.5	39.3	43.5	28.4	33.7	35.1	36.9	37.9	38.5	40.0	41.8	44.7	46.5	50.2
Enriching Educational Experiences	39.6	41.9	48.7	50.8	52.1	53.9	56.4	57.6	60.2	64.9	69.1	34.1	37.7	40.5	41.5	42.2	43.4	45.2	46.9	50.7	54.0	61.8
Supportive Campus Environment	46.8	50.8	52.4	53.9	55.9	57.5	58.3	60.0	60.9	62.3	67.3	41.0	47.4	49.3	51.4	52.1	53.0	53.8	55.3	56.5	58.4	63.6
<b>Master's I &amp; II</b>																						
Level of Academic Challenge	42.2	46.7	48.6	50.0	50.5	51.1	52.0	53.2	54.5	56.8	61.6	48.5	52.2	53.1	53.8	54.6	55.6	56.2	57.0	58.4	59.7	65.5
Active and Collaborative Learning	30.5	34.8	36.3	37.9	39.1	40.5	41.5	43.0	44.1	46.3	54.3	39.7	46.1	47.0	48.2	49.0	49.8	50.8	52.0	53.7	55.4	63.0
Student Interactions With Faculty	23.0	28.4	30.7	31.8	32.9	33.8	35.1	36.3	38.4	40.2	47.1	24.8	34.7	37.6	39.2	40.5	41.3	42.9	44.8	46.4	48.9	58.5
Enriching Educational Experiences	38.3	45.1	46.5	49.4	51.0	52.8	54.6	56.3	58.5	61.8	70.9	34.3	39.3	40.6	41.9	43.4	44.8	46.5	48.1	50.3	53.3	64.2
Supportive Campus Environment	46.0	53.6	55.7	57.2	58.5	59.7	61.0	62.5	63.6	66.4	75.1	41.7	49.8	52.5	54.2	55.4	56.9	58.3	60.0	61.5	62.9	72.3
<b>Bac-Liberal Arts</b>																						
Level of Academic Challenge	45.7	51.0	52.6	55.2	56.1	57.6	58.3	59.5	61.2	63.0	65.8	51.0	55.8	56.8	58.8	59.6	60.7	61.6	63.0	63.9	65.1	70.8
Active and Collaborative Learning	35.5	38.4	40.3	42.1	43.1	43.8	44.6	46.3	47.5	48.9	53.0	41.1	46.4	49.0	50.2	50.8	51.7	52.4	53.9	55.4	57.4	67.7
Student Interactions With Faculty	31.0	32.8	35.3	37.1	38.1	39.6	41.0	42.2	43.8	46.1	57.0	35.2	40.4	45.4	48.7	50.1	50.9	52.6	54.5	55.6	57.9	64.9
Enriching Educational Experiences	44.1	54.6	57.5	60.0	61.8	64.6	67.0	68.5	69.6	74.0	79.1	34.3	46.1	49.8	51.5	53.9	55.8	58.0	61.0	62.3	66.2	77.6
Supportive Campus Environment	48.2	59.0	60.7	61.8	63.3	64.1	64.8	66.6	68.2	70.8	74.3	51.3	56.4	57.5	58.6	60.0	61.8	63.8	64.8	65.7	66.9	72.0
<b>Bac-General Colleges</b>																						
Level of Academic Challenge	44.0	48.7	50.5	51.3	52.4	52.7	53.4	54.4	55.4	58.3	62.4	48.6	51.8	53.8	54.8	56.1	56.8	57.7	59.0	60.0	61.6	70.5
Active and Collaborative Learning	27.6	36.0	37.3	39.5	41.1	42.0	42.9	45.0	47.3	49.9	53.4	40.5	45.8	47.4	48.3	50.1	51.1	51.7	52.7	54.7	57.4	65.0
Student Interactions With Faculty	27.2	30.9	32.1	32.8	34.7	35.9	37.0	38.8	40.3	43.5	47.1	30.3	35.4	38.7	41.5	43.2	44.6	45.6	46.6	48.8	51.1	58.5
Enriching Educational Experiences	41.1	43.4	45.9	49.0	51.0	53.7	56.6	57.8	58.5	61.2	66.4	33.8	37.9	40.8	43.8	45.6	47.6	49.2	51.6	52.9	53.9	57.4
Supportive Campus Environment	53.6	57.0	58.7	59.4	61.5	62.5	63.9	65.1	67.1	70.8	76.8	47.0	53.1	55.0	56.8	58.4	59.8	61.2	62.8	64.2	68.6	70.8