

 ***SENSE***
Survey of Entering
Student Engagement



About *SENSE*

Developed by national experts in the field of community and technical college research and practice, the **Survey of Entering Student Engagement (*SENSE*)** is designed to provide a clear picture of both student behaviors in the earliest weeks of college and the institutional practices that affect students during this critical time. *SENSE* is a research-based tool with multiple uses:

- ★ **Analyzing** — Through the *SENSE* online reporting system, member colleges have the capability of generating frequency and means reports using either weighted or unweighted data.
- ★ **Benchmarking** — The *SENSE* Benchmarks of Effective Practice with Entering Students denote areas that educational research has shown to be important to entering students' college experience and educational outcomes. Every *SENSE* member college receives a standardized score for each benchmark. Each individual benchmark score is computed by averaging the scores on survey items that compose that benchmark. The standardized scores make it possible for colleges to compare their own performance across benchmarks and to compare their own performance with groups of similar colleges.
- ★ **Diagnosing** — The *SENSE* online reporting system makes it very easy for colleges to target improvement efforts by disaggregating results to explore differences among student groups (e.g., male & female, developmental & non-developmental, full-time & part-time, etc.).
- ★ **Monitoring** — With multiple administrations of *SENSE*, colleges can document and measure institutional effectiveness over time to examine the impact of interventions aimed at improving students' earliest collegiate experiences.
- ★ **Responding** — Institutions may choose to use *SENSE* data to demonstrate accountability to the college community, as well as to accrediting agencies' calls for institutional self-study and quality improvement strategies.

SENSE was piloted in 2007 by the **Center for Community College Student Engagement** and since has been administered annually. An initiative of the Program in Higher Education Leadership in the Department of Educational Administration in the College of Education at The University of Texas at Austin, the Center is an umbrella organization for research, as well as for service to community colleges across the United States and internationally.

Survey of Entering Student Engagement

Iowa Central Community College

2016 Key Findings

Table of Contents

Benchmarks of Effective Educational Practice With Entering Students	2
Aspects of Highest Student Engagement	4
Aspects of Lowest Student Engagement	5
Academic Advising and Planning	6
Academic Goal Setting and Planning	8

Benchmarks of Effective Educational Practice With Entering Students

SENSE Benchmarks

★ Early Connections

When students describe their early college experiences, they typically reflect on occasions when they felt discouraged or thought about dropping out. Their reasons for persisting almost always include one common element: a strong, early connection to someone at the college.

★ High Expectations and Aspirations

Nearly all students arrive at their community colleges intending to succeed and believing that they have the motivation to do so. When entering students perceive clear, high expectations from college staff and faculty, they are more likely to understand what it takes to be successful and adopt behaviors that lead to achievement. Students then often rise to meet expectations, making it more likely that they will attain their goals. Often, students' aspirations also climb, and they seek more advanced credentials than they originally envisioned.

★ Clear Academic Plan and Pathway

When a student, with knowledgeable assistance, creates a road map—one that shows where he or she is headed, what academic path to follow, and how long it will take to reach the end goal—that student has a critical tool for staying on track. Students are more likely to persist if they not only are advised about what courses to take, but also are helped to set academic goals and to create a plan for achieving them.

Continued on Page 3

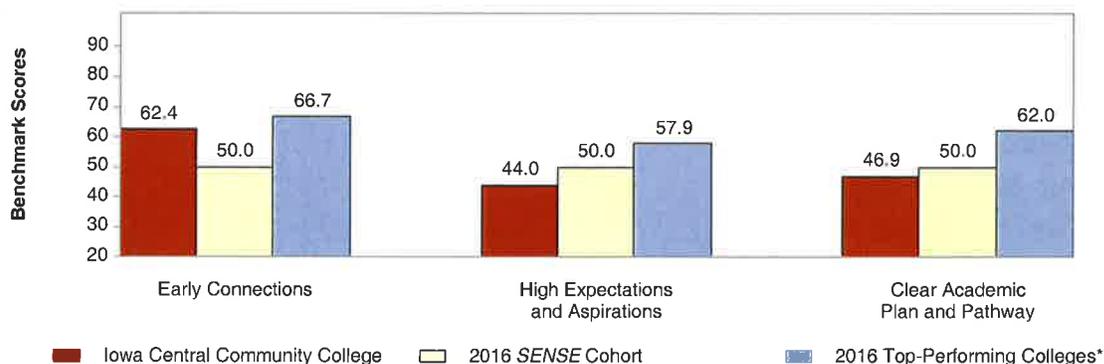
The Survey of Entering Student Engagement (*SENSE*) benchmarks are groups of conceptually related survey items that address key areas of entering student engagement. The six benchmarks denote areas that educational research has shown to be important to entering students' college experiences and educational outcomes; thus, they provide colleges with a useful starting point for looking at institutional results.

Ideally, colleges engage entering students in all six benchmark areas, beginning with a student's first contact with the institution and continuing through completion of the first three weeks of the initial academic term. This time is decisive because current research indicates that helping students succeed through the first academic term can dramatically improve subsequent success, including completing courses and earning certificates and degrees.

While many student behaviors and institutional practices measured by the benchmarks can and should continue throughout students' college careers, the *SENSE* items and the resulting data focus on this critical entering student timeframe.

SENSE benchmark scores are computed by averaging the scores on survey items composing the benchmarks. Benchmark scores are standardized to have a mean of 50 and standard deviation of 25 across all entering student respondents.

Figure 1a



*Top-Performing Colleges are those that scored in the top 10 percent of the cohort by benchmark.

Notes: Benchmark scores are standardized to have a mean of 50 and a standard deviation of 25 across all respondents. For further information about how benchmarks are computed, please visit www.cccse.org.

Benchmarks of Effective Educational Practice With Entering Students

The standardized benchmark scores allow colleges to gauge and monitor their performance in areas of entering student engagement. In addition, participating colleges have the opportunity to make appropriate and useful comparisons between their performance and that of groups of other colleges.

Performing as well as the national average or a peer-group average may be a reasonable initial aspiration, but it is important to recognize that these averages are sometimes unacceptably low. Aspiring to match and then exceed high-performance targets is the stronger strategy.

Community colleges can differ dramatically on such factors as size, location, resources, enrollment patterns, and student characteristics. It is important to take these differences into account when interpreting benchmark scores—especially when making institutional comparisons. The Center for Community College Student Engagement has adopted the policy “Responsible Uses of *CCSSE* and *SENSE* Data,” available at www.cccse.org.

SENSE uses a three-year cohort of participating colleges in all core survey analyses. The current cohort is referred to as the 2016 *SENSE* Cohort (2014-2016) throughout all reports.

SENSE Benchmarks

Continued from Page 2

★ **Effective Track to College Readiness**

Nationally, more than six in 10 entering community college students are underprepared for college-level work. Thus, significant improvements in student success will hinge upon effective assessment, placement of students into appropriate courses, and implementation of effective strategies to ensure that students build academic skills and receive needed support.

★ **Engaged Learning**

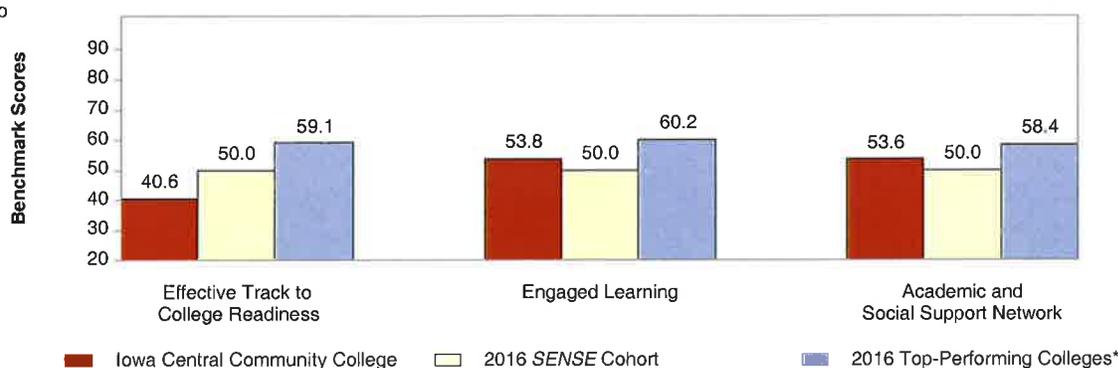
Instructional approaches that foster engaged learning are critical for student success. Because most community college students attend college part-time, and most also must find ways to balance their studies with work and family responsibilities, the most effective learning experiences will be those the college intentionally designs.

★ **Academic and Social Support Network**

Students benefit from having a personal network that enables them to obtain information about college services, along with the academic and social support critical to student success. Because entering students often don't know what they don't know, colleges must purposefully create those networks.

For further information about *SENSE* benchmarks, please visit www.cccse.org.

Figure 1b



*Top-Performing Colleges are those that scored in the top 10 percent of the cohort by benchmark.

Notes: Benchmark scores are standardized to have a mean of 50 and a standard deviation of 25 across all respondents. For further information about how benchmarks are computed, please visit www.cccse.org.

Aspects of Highest Student Engagement

Benchmark scores provide a manageable starting point for reviewing and understanding *SENSE* data. One way to dig more deeply into the benchmark scores is to analyze those items that contribute to the overall benchmark score. This section features the five items across all benchmarks (excluding those for which means are not calculated) on which the college scored most favorably and the five items on which the college scored least favorably relative to the 2016 *SENSE* Cohort.

The items highlighted on pages 4 and 5 reflect the largest differences in mean scores between the institution and the 2016 *SENSE* Cohort. While examining these data, keep in mind that the selected items may not be those that are most closely aligned with the college's goals; thus, it is important to review all institutional reports on the *SENSE* online reporting system at www.ccse.org.

Figure 2 displays the aggregated frequencies for the items on which the college performed most favorably relative to the 2016 *SENSE* Cohort. For instance, 68.0% of Iowa Central Community College students, compared with 53.9% of other students in the cohort, responded *strongly agree* or *agree* on Item 18i. It is important to note that some colleges' highest scores might be lower than the cohort mean.

Figure 2

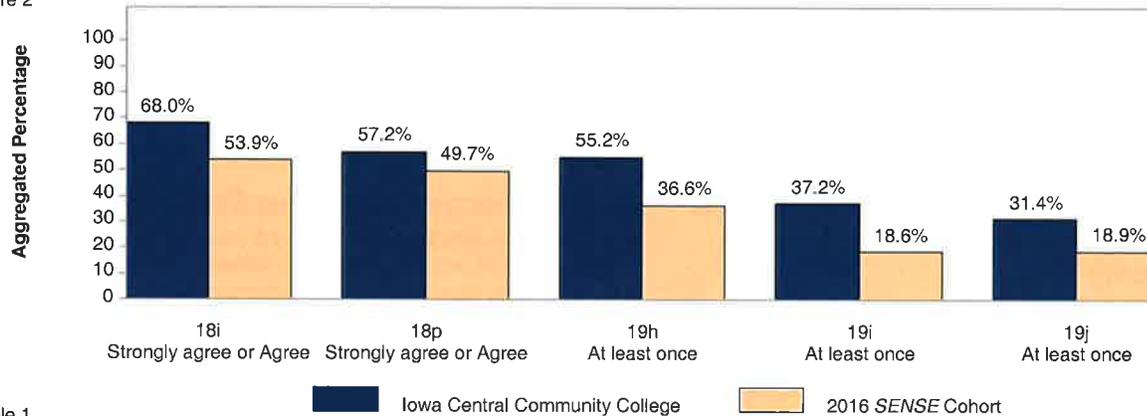


Table 1

Benchmark	Item Number	Item
Early Connections	18i	The college provided me with adequate information about financial assistance
Early Connections	18p	At least one college staff member (other than an instructor) learned my name
Engaged Learning	19h	Frequency: Worked with classmates outside of class on class projects or assignments
Engaged Learning	19i	Frequency: Participated in a required study group outside of class
Engaged Learning	19j	Frequency: Participated in a student-initiated study group outside of class

Notes:

For Item(s) 18, *strongly agree* and *agree* responses are combined.

For Item(s) 19, except 19c, 19d, 19f, and 19s, *once*, *two or three times*, and *four or more times* responses are combined.

Aspects of Lowest Student Engagement

Figure 3 displays the aggregated frequencies for the items on which the college performed least favorably relative to the 2016 *SENSE* Cohort. For instance, 50.6% of Iowa Central Community College students, compared with 65.0% of other students in the cohort, responded *strongly agree* or *agree* on Item 18e. It is important to note that some colleges' lowest scores might be higher than the cohort mean.

Figure 3

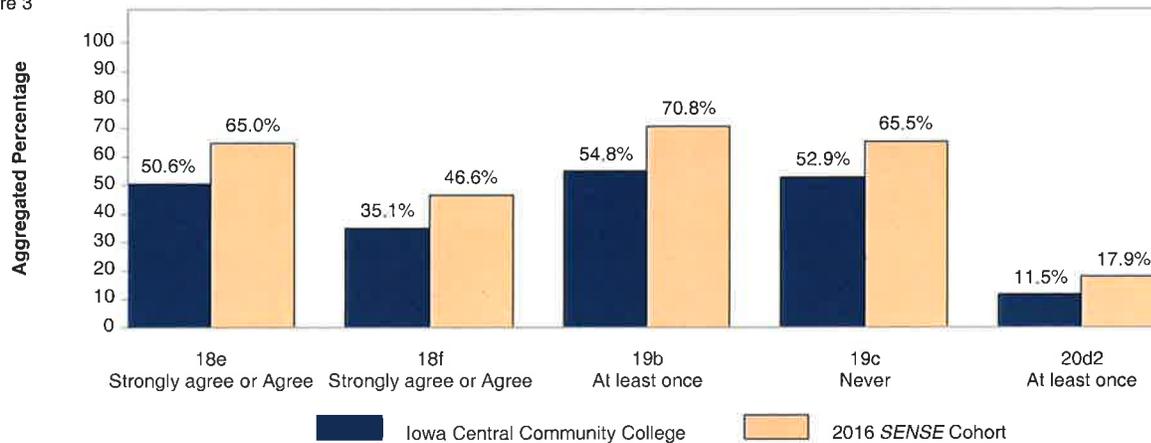


Table 2

Benchmark	Item Number	Item
Clear Academic Plan and Pathway	18e	An advisor helped me to select a course of study, program, or major
Clear Academic Plan and Pathway	18f	An advisor helped me to set academic goals and to create a plan for achieving them
Engaged Learning	19b	Frequency: Prepared at least two drafts of a paper or assignment before turning it in
High Expectations and Aspirations	19c	Frequency: Turned in an assignment late
Engaged Learning	20d2	Frequency: Used face-to-face tutoring

Notes:

For Item(s) 18, *strongly agree* and *agree* responses are combined.

For Item(s) 19, except 19c, 19d, 19f, and 19s, *once*, *two or three times*, and *four or more times* responses are combined.

For Item(s) 19c, d, f, and s, responses have been reversed. The frequency displayed is the percentage of students who report *never* doing the activities described in the items.

For Item(s) 20, *once*, *two or three times*, and *four or more times* responses are combined.

Academic Advising and Planning

SENSE special-focus modules allow participating colleges and researchers to delve more deeply into areas of early student experience and institutional practices that are related to entering student success. The bar charts across pages 6 and 7 display frequency results for five items from the Academic Advising and Planning (AA&P) module, several of which focus on a student’s first advising session. Figure 4 focuses on whether or not students were required to meet with an advisor prior to registering for classes, and Figures 5 and 6 focus on how long the first advising session lasted and if the advisor communicated information regarding academic support services. Figure 7 asks students whether their perception of how long it would take to complete their goals changed after meeting with an advisor, while Figure 8 asks if during their first advising session students discussed when their next advising appointment would be. To access complete frequency reports, please visit the SENSE online reporting system via www.cccse.org.

Figure 4: Were you required to meet (in person or online) with an academic advisor prior to registering for classes your first academic term at this college?

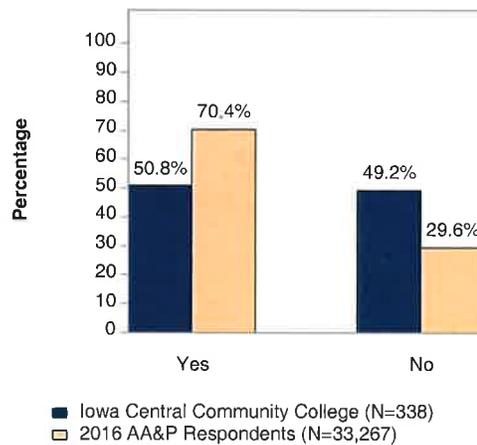


Figure 5: How long did your first academic advising session at this college last?

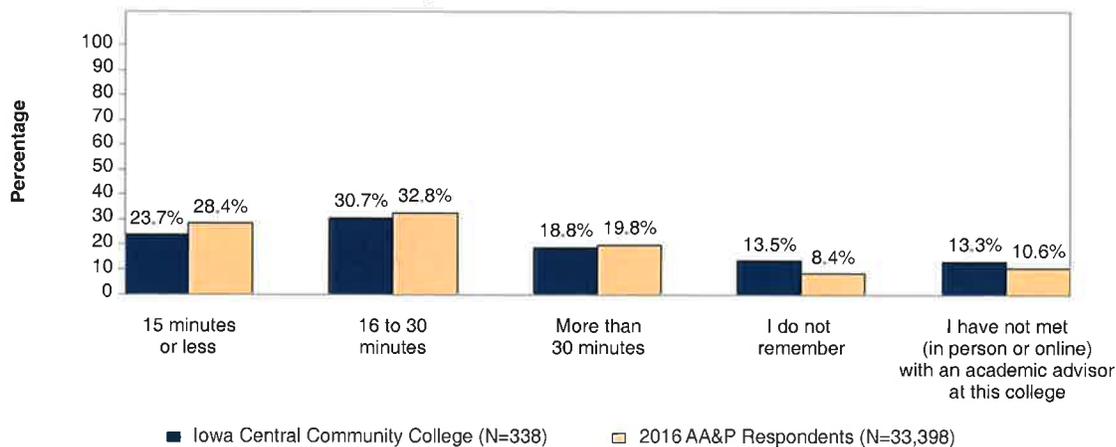


Figure 6: At this college, an academic advisor has provided me with information about academic support services (tutoring services, writing center, math skill lab, etc.).

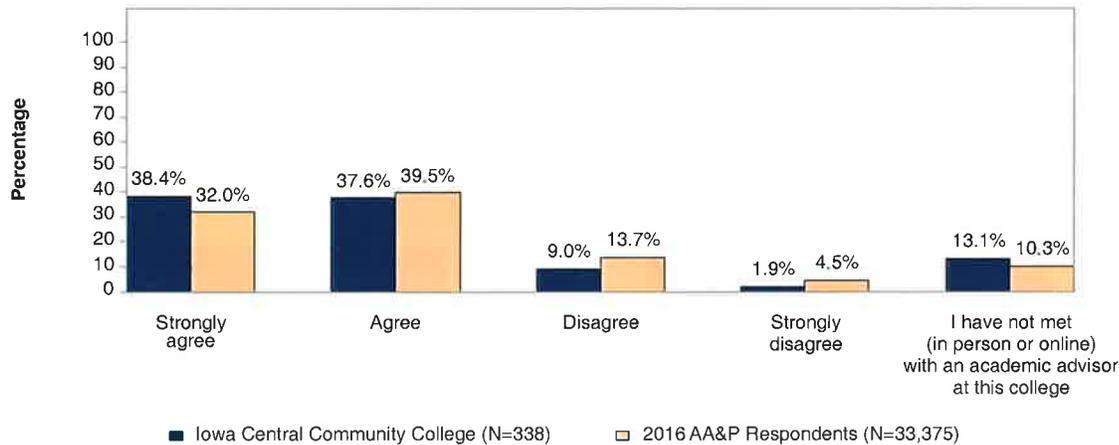


Figure 7: After first meeting (in person or online) with an academic advisor at this college, my understanding of how long it would take to complete my academic goals...

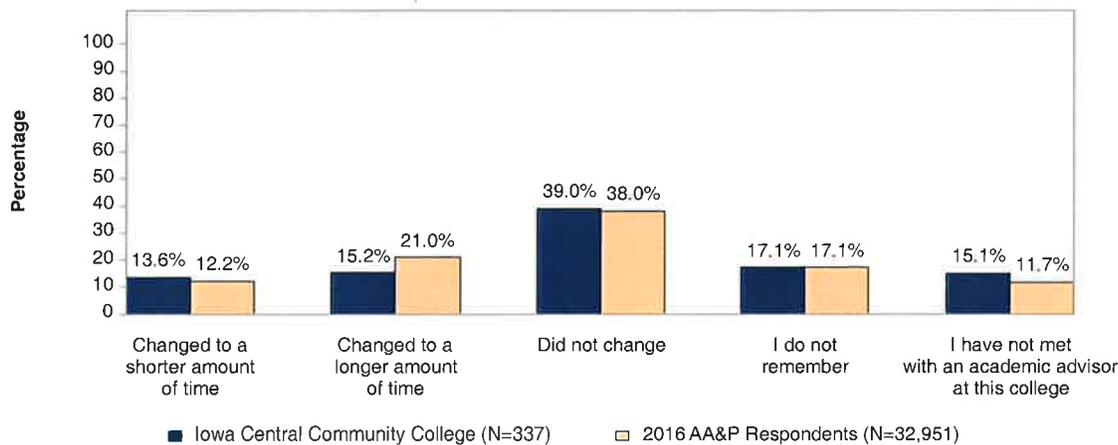
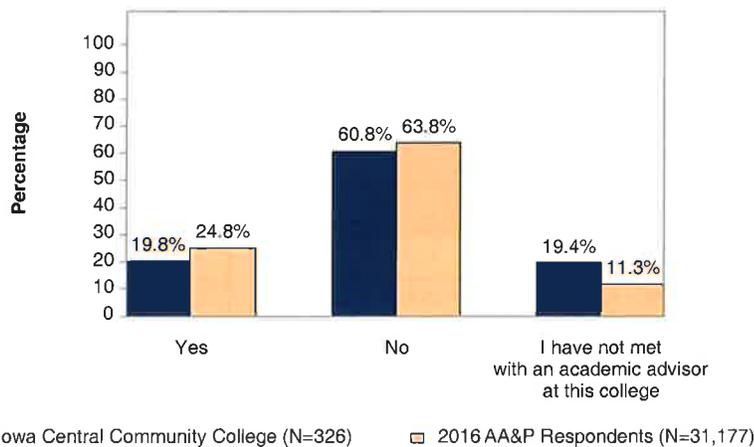


Figure 8: During your first meeting (in person or online) with an academic advisor at this college, he or she discussed when your next advising session should be.



Academic Goal Setting and Planning

Most community colleges have academic and goal setting policies that are intended to help all students *start right*. Yet, often these policies, even when they are ostensibly mandatory, might not be implemented in ways that ensure success for all students. The disaggregated data below illustrate the student experience with academic goal setting and planning at your college. Nationally, more than 60% of community college students are enrolled less than full time. Thus, while looking at these data, it is important to consider the institution's enrollment patterns. Are all of your entering students starting right?

Figure 9

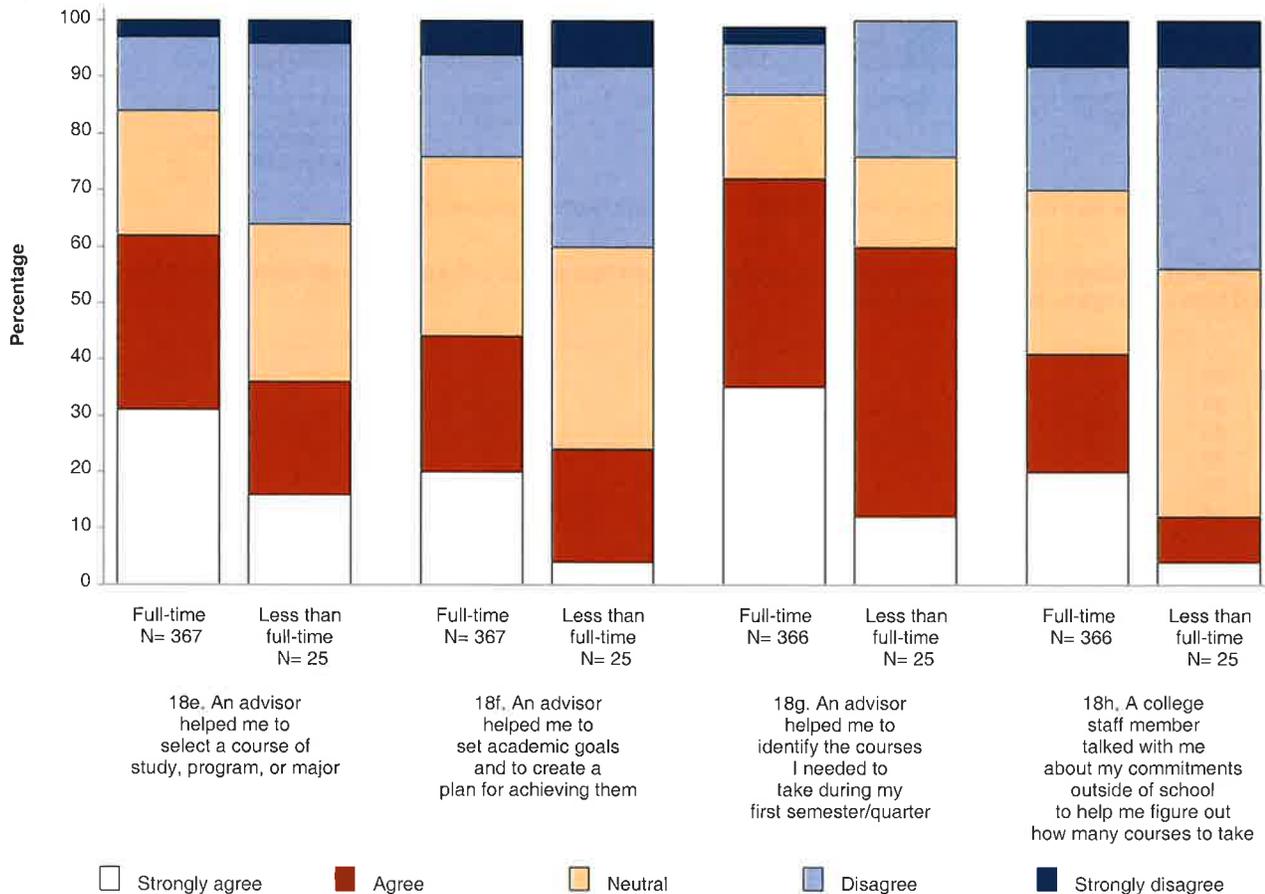
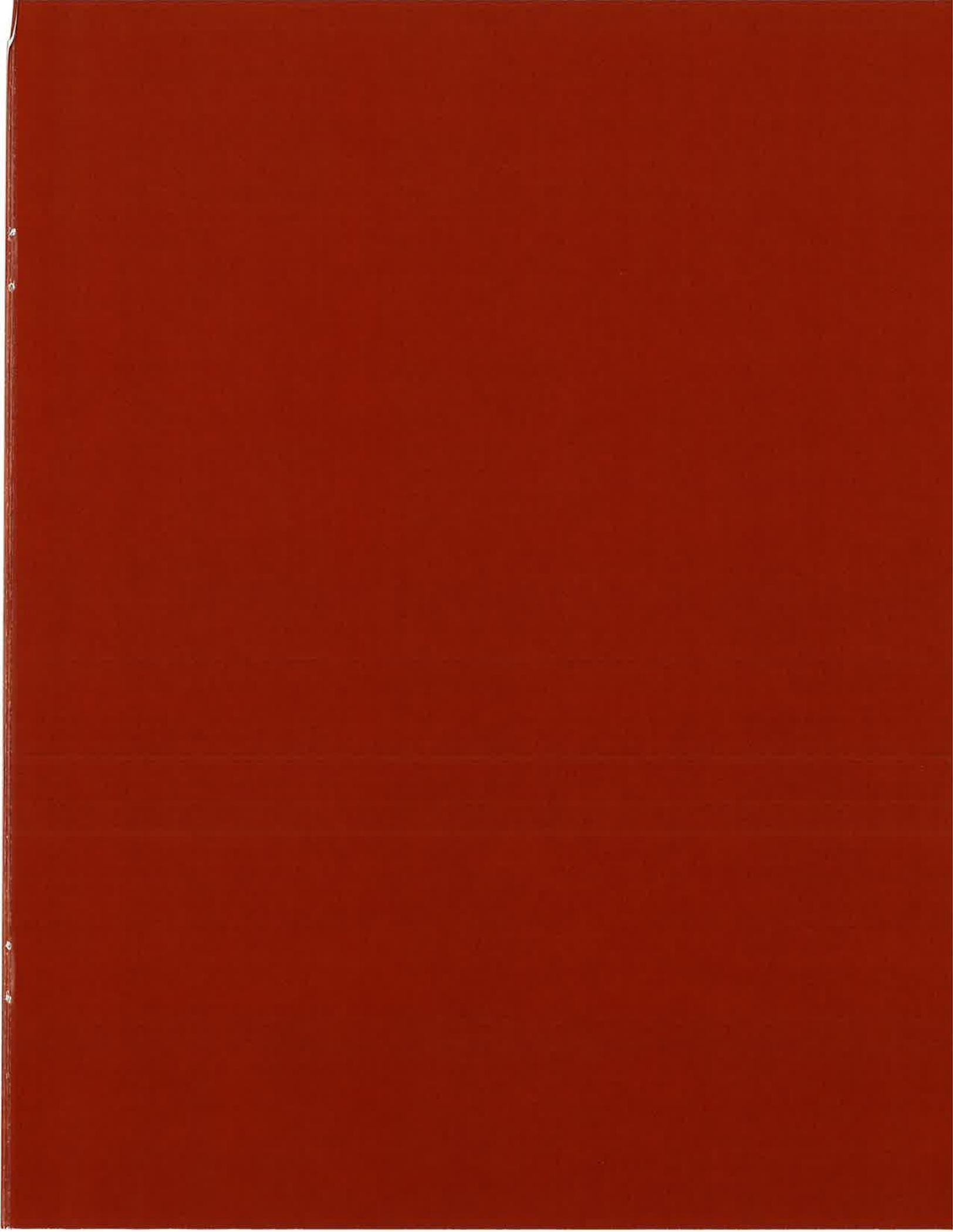


Table 3

Response	18e		18f		18g		18h	
	Full-time	Less than full-time						
Strongly agree	31.3%	16.0%	19.9%	4.0%	34.7%	12.0%	20.5%	4.0%
Agree	30.5%	20.0%	23.7%	20.0%	37.4%	48.0%	20.8%	8.0%
Neutral	21.5%	28.0%	32.2%	36.0%	15.3%	16.0%	28.7%	44.0%
Disagree	12.5%	32.0%	18.0%	32.0%	9.3%	24.0%	22.1%	36.0%
Strongly disagree	4.1%	4.0%	6.3%	8.0%	3.3%	N/A	7.9%	8.0%



Center for Community College Student Engagement

Program in Higher Education Leadership
Department of Educational Administration
College of Education
The University of Texas at Austin

3316 Grandview Street
Austin, TX 78705
T: 512.471.6807 | F: 512.471.4209
info@cccse.org | www.cccse.org