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# Case Western Reserve University

## *NSSE 2015 Major Field Report, Part I*

### *Within-Institution Comparisons*

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*Comparing your students' responses across groups of related majors within your institution*

*Note:*

*The Major Field Report was formatted for printing. When viewing on screen in Excel, some content may appear truncated or oddly formatted. This is normal. Increasing the zoom level or viewing the report in Print Preview will improve on-screen display.*

### About Your Major Field Report, Part I

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that can be found within key sub-populations such as major. NSSE urges institutions to "look within," calling attention to the need to examine variation in the student experience at your institution. This report provides an overview of your students' responses by groups of related majors.

### Related-Major Groups

Self-reported majors (first major given if two were reported) were identified from the survey. Your institution had the option to customize how these were grouped, using up to ten related-major groups. Institutions choosing not to customize their major categories receive NSSE's ten default groups. The groups used in this report are shown on page 3.

### Sample

This report is based on information from all randomly selected or census-administered students for your institution. Targeted and locally administered oversamples and other non-randomly selected students are not included.

### Class

Results are presented separately by institution-reported class level. Keep in mind that majors are student-reported. First-year students may report *intended* majors that have not yet been *declared*. Also, much of the first-year experience may take place outside of the major field. For these reasons, first-year results should be interpreted with caution.

### Technical Requirements

Related-major groups with fewer than 20 respondents in a given class are not reported (columns are blank). Although 20 is a minimum requirement, keep in mind that any statistical result requires a sufficient number of respondents per group to produce a reliable estimate. Due to the disaggregation of results by student-reported major, the Major Field Report results are unweighted.

### Report Sections

Composition of Related-Major Groups (p. 3)	How your <i>NSSE 2015 Major Field Report</i> categories were selected and which majors were included in each group.
Engagement Indicators (pp. 4-7)	Results on NSSE's ten Engagement Indicators (EIs) organized into four themes. See your <i>Engagement Indicators</i> report for more details.
High-Impact Practices (p. 8)	Results on student participation in six High-Impact Practices (HIPs). See your <i>High-Impact Practices</i> report for more details.
Frequency Distributions (pp. 9-42)	Response frequencies by related-major group for all survey items except demographics.
Item Summary Statistics (pp. 43-48)	Number of respondents, mean and standard deviation by related-major group for all survey items except demographics.
Respondent Profile (pp. 49-62)	Response frequencies for all demographic questions for your institution by related-major group.

### NSSE results included in MFR, Part I

- Engagement Indicators
- High-Impact Practices
- Frequency Distributions
- Item Summary Statistics
- Respondent Profile

# NSSE 2015 Major Field Report, Part I

## Composition of Related-Major Groups

### Case Western Reserve University

This page documents how your *NSSE 2015 Major Field Report* groups were selected and which majors were included in each related-major group. Students' self-reported majors (first major if two were reported) were assigned to a standard list of 139 majors. Institutions had the option to customize how these were grouped, using up to ten related-major groups. Institutions choosing not to customize receive NSSE's ten default groups (or, if available, the customized groups from your last participation in the updated survey (since 2013)).

Date Confirmed: 8/25/2015

Selection Method: CUSTOM GROUPS—Institution-selected

#### **A,H, & SS (First-year N=37, Senior N=38)**

Anthropology; Architecture; Art history; Arts, fine and applied; English (language and literature); Ethnic studies; French (language and literature); Gender studies; Geography; History; Humanities (general); International relations; Multi, Interdisciplinary studies; Music; Music or art education; Other education; Other fine and performing arts; Other humanities; Other language and literature; Other social sciences; Philosophy; Political science; Psychology; Religion; Social sciences (general); Sociology; Spanish (language and literature); Speech therapy; Theater or drama

#### **Math and Natural Sci (First-year N=57, Senior N=43)**

Agriculture; Astronomy; Atmospheric science (including meteorology); Biochemistry or biophysics; Biology (general); Biomedical science; Botany; Cell and molecular biology; Chemistry; Earth science (including geology); Environmental science/studies; Marine science; Mathematics; Microbiology or bacteriology; Natural resources and conservation; Natural science; Neuroscience; Nutrition and dietetics; Other agriculture and natural resources; Other biological sciences; Other physical sciences; Physical sciences (general); Physics; Physiology and developmental biology; Statistics; Zoology

#### **(Category Not Used)**

#### **(Category Not Used)**

#### **Business (First-year N=15, Senior N=23)**

Accounting; Business administration; Economics; Entrepreneurial studies; Finance; Hospitality and tourism; International business; Management; Management information systems; Marketing; Organizational leadership or behavior; Other business; Supply chain and operations management

#### **Comm, Media, PR (First-year N=0, Senior N=0)**

Broadcast communications; Communications (general); Journalism; Mass communications and media studies; Other communications; Public relations and advertising; Speech; Telecommunications

#### **Education (First-year N=0, Senior N=0)**

Business education; Early childhood education; Education (general); Elementary, middle school education; Mathematics education; Physical education; Secondary education; Social studies education; Special education

#### **Engineering (First-year N=106, Senior N=72)**

Aero-, astronomical engineering; Bioengineering; Biomedical engineering; Chemical engineering; Civil engineering; Computer engineering and technology; Computer science; Electrical or electronic engineering; Engineering (general); Industrial engineering; Materials engineering; Mechanical engineering; Other engineering; Petroleum engineering; Software engineering

#### **Health Professions (First-year N=22, Senior N=14)**

Nursing

#### **Social Svc Professions (First-year N=0, Senior N=0)**

Criminal justice; Criminology; Forensics; Justice administration; Law; Military science; Public administration, policy; Public safety and emergency management; Social work; Urban planning

#### **Unassigned Majors (First-year N=9, Senior N=0)**

Allied health; Computer information systems; Dentistry; Family and consumer studies; General studies; Health science; Health technology (medical, dental, laboratory); Healthcare administration and policy; Information systems; Information technology; Kinesiology; Liberal arts and sciences; Medicine; Network security and systems; Occupational safety and health; Occupational therapy; Other computer science and technology; Other health professions; Other, not listed; Parks, recreation, leisure studies, sports mgmt.; Pharmacy; Physical therapy; Professional studies (general); Rehabilitation sciences; Technical, vocational studies; Theological studies, ministry; Undecided, undeclared; Veterinary science

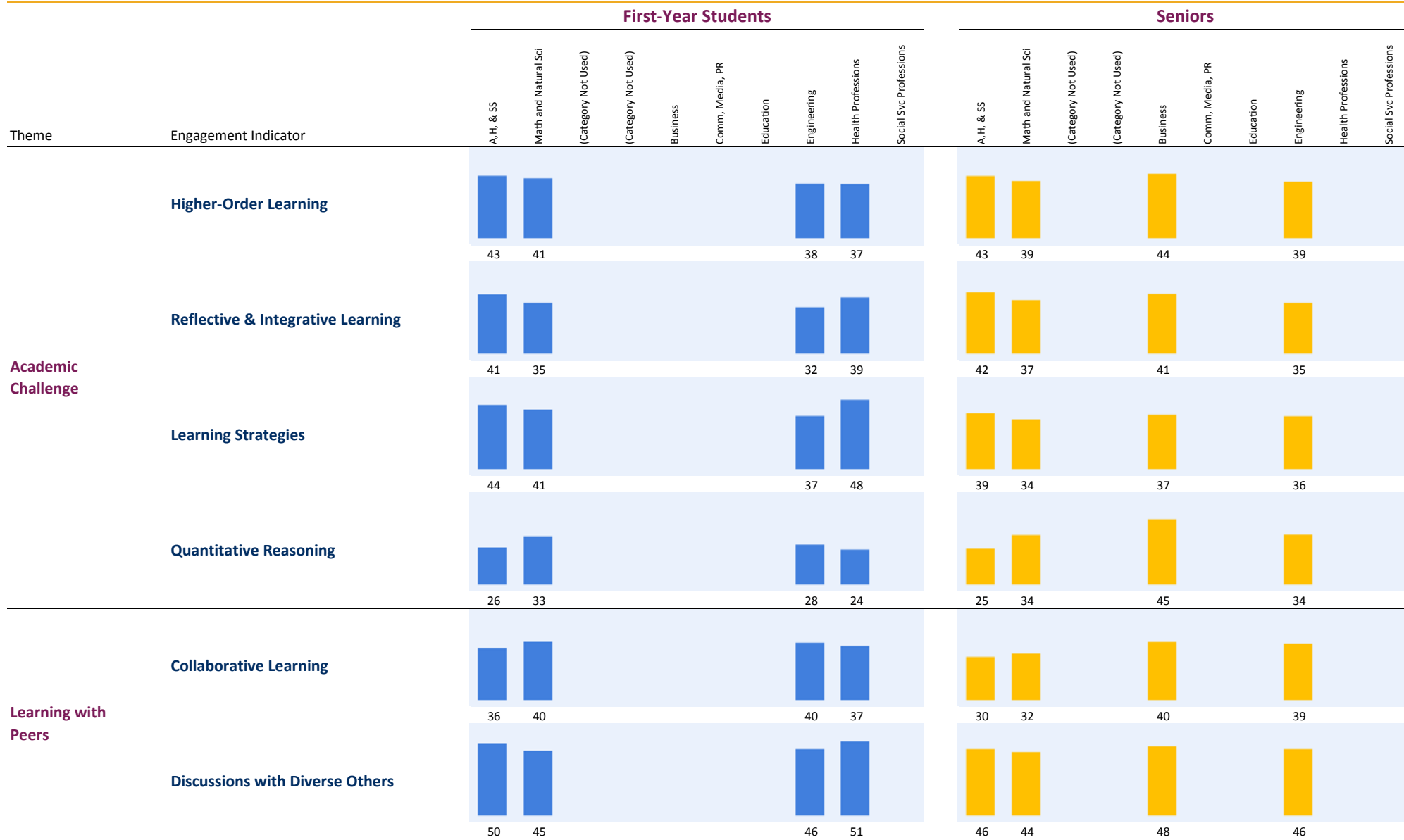
## Endnotes

- a. All results are unweighted. Major categories with fewer than 20 respondents in a given class are not reported (i.e., the column is blank). Engagement Indicators range from 0 to 60. For details on EI development and scores, visit [nsse.indiana.edu/html/engagement\\_indicators.cfm](http://nsse.indiana.edu/html/engagement_indicators.cfm)
- b. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- c. All results are unweighted. Major categories with fewer than 20 respondents in a given class are not reported (i.e., the column is blank). For High-Impact Practices, we report the percentage of students who responded "Done or in progress," except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project. For details on HIP development and scores, visit [nsse.indiana.edu/html/high\\_impact\\_practices.cfm](http://nsse.indiana.edu/html/high_impact_practices.cfm)
- d. All results are unweighted. Major categories with fewer than 20 respondents in a given class are not reported (i.e., the column is blank).
- e. Items that make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- f. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

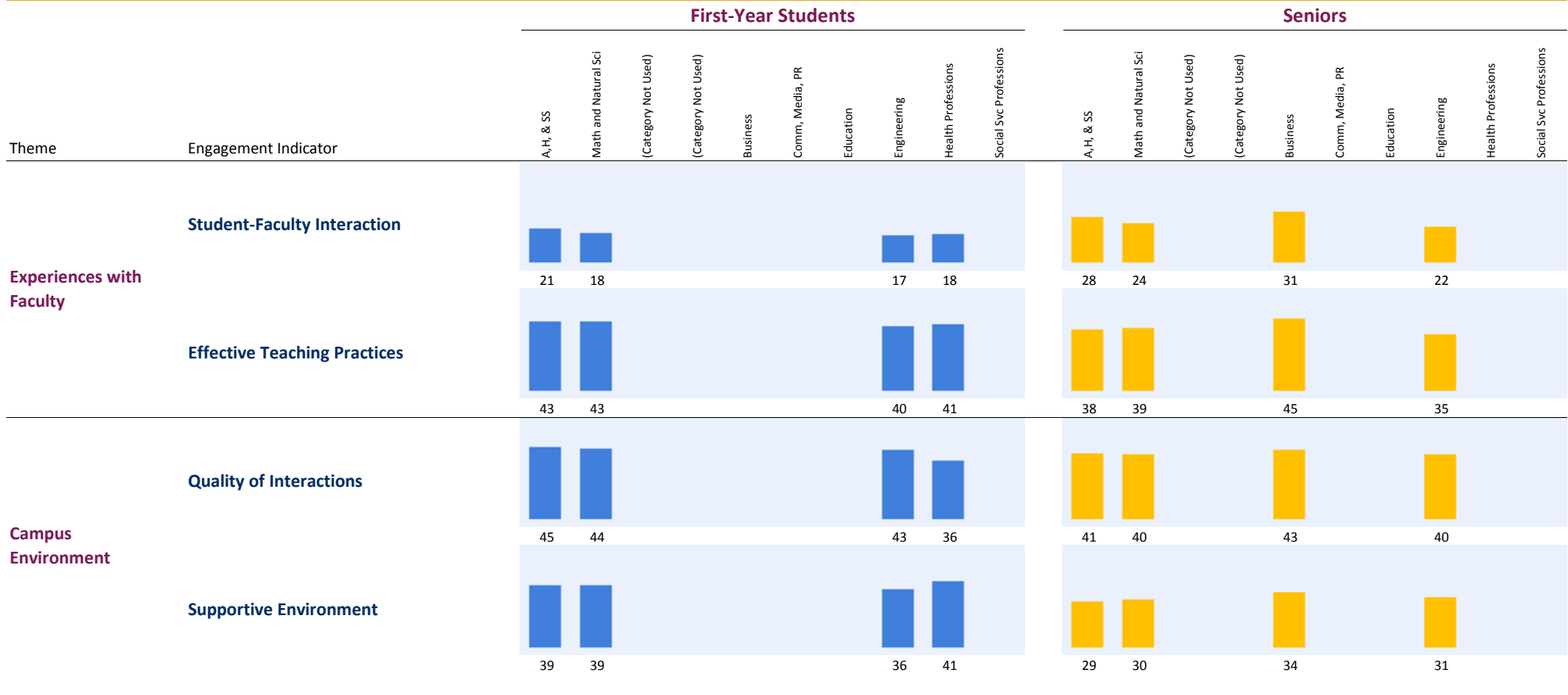
## Engagement Indicators<sup>a</sup> by Related-Major Group

### Case Western Reserve University



# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Engagement Indicators<sup>a</sup> by Related-Major Group Case Western Reserve University



# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Engagement Indicators<sup>a</sup> by Related-Major Group

### Case Western Reserve University

#### First-Year Students

Theme/ Engagement Indicator	Mean										Standard deviation <sup>b</sup>										N											
	A, H, & SS	Math and Natural Sci	(Category Not Used)	(Category Not Used)	Business	Comm, Media, PR	Education	Engineering	Health Professions	Social Svc Professions	A, H, & SS	Math and Natural Sci	(Category Not Used)	(Category Not Used)	Business	Comm, Media, PR	Education	Engineering	Health Professions	Social Svc Professions	A, H, & SS	Math and Natural Sci	(Category Not Used)	(Category Not Used)	Business	Comm, Media, PR	Education	Engineering	Health Professions	Social Svc Professions		
<b>Academic Challenge</b>																																
<b>Higher-Order Learning</b>	42.9	41.3					37.5	37.3			11.9	13.1						11.0	13.9			34	55							103	22	
<b>Reflective &amp; Integrative Learning</b>	41.0	35.0					31.9	38.7			11.7	12.2						11.8	9.4			37	57							106	22	
<b>Learning Strategies</b>	44.3	41.0					36.6	47.9			14.0	14.0						12.7	9.8			36	55							106	22	
<b>Quantitative Reasoning</b>	25.6	33.2					27.6	24.2			16.0	16.2						13.7	18.7			36	57							103	22	
<b>Learning with Peers</b>																																
<b>Collaborative Learning</b>	35.7	40.2					39.6	37.3			13.5	13.7						13.4	13.7			36	56							105	22	
<b>Discussions with Diverse Others</b>	49.9	44.6					45.8	51.1			12.8	14.5						13.4	10.1			36	57							106	22	
<b>Experiences with Faculty</b>																																
<b>Student-Faculty Interaction</b>	21.1	18.3					16.9	17.7			10.1	13.1						10.3	13.8			32	57							104	22	
<b>Effective Teaching Practices</b>	43.0	42.9					39.9	41.3			10.1	10.7						10.5	8.9			36	57							105	22	
<b>Campus Environment</b>																																
<b>Quality of Interactions</b>	44.7	43.8					43.0	36.2			8.4	11.7						8.2	11.9			36	53							101	21	
<b>Supportive Environment</b>	38.6	38.5					36.0	41.2			11.8	12.4						11.0	11.5			36	56							106	22	

## Seniors

Theme/ Engagement Indicator	Mean										Standard deviation <sup>b</sup>										N																																																																																																			
	A, H, & SS	Math and Natural Sci	(Category Not Used)	(Category Not Used)	Business	Comm, Media, PR	Education	Engineering	Health Professions	Social Svc Professions	A, H, & SS	Math and Natural Sci	(Category Not Used)	(Category Not Used)	Business	Comm, Media, PR	Education	Engineering	Health Professions	Social Svc Professions	A, H, & SS	Math and Natural Sci	(Category Not Used)	(Category Not Used)	Business	Comm, Media, PR	Education	Engineering	Health Professions	Social Svc Professions																																																																																										
<b>Academic Challenge</b>																																																																																																																								
<b>Higher-Order Learning</b>	42.8	39.4			44.3					38.9											13.6	14.2																	9.8																		15.1																				38	42									22																				72													
<b>Reflective &amp; Integrative Learning</b>	42.4	36.8			41.3					35.0											10.6	13.2																			11.6																			12.2																				38	43									22																				71										
<b>Learning Strategies</b>	38.6	34.2			37.5					36.5											16.0	15.6																			11.8																			16.2																				38	40									21																				70										
<b>Quantitative Reasoning</b>	24.9	34.1			44.9					34.4											15.2	16.7																			15.5																				16.2																				38	43									23																				72									
<b>Learning with Peers</b>																																																																																																																								
<b>Collaborative Learning</b>	29.9	32.0			40.0					38.9											13.0	14.6																			13.2																				12.8																				37	43									22																				72									
<b>Discussions with Diverse Others</b>	45.8	43.7			47.8					45.8											13.0	13.2																			12.7																				14.6																				38	43									23																				72									
<b>Experiences with Faculty</b>																																																																																																																								
<b>Student-Faculty Interaction</b>	28.2	24.3			31.4					22.3											13.6	12.7																			17.0																				13.0																				37	43									22																				71									
<b>Effective Teaching Practices</b>	38.0	38.9			44.7					35.0											11.8	12.4																			10.4																				12.3																				38	43									23																				72									
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<b>Quality of Interactions</b>	40.8	40.2			43.0					40.1											10.5	11.2																			10.9																				11.5																				37	42									23																				72									
<b>Supportive Environment</b>	28.7	29.8			34.3					31.1											13.8	10.7																			13.0																				13.4																				38	42									23																				70									



# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## High-Impact Practices<sup>C</sup> by Related-Major Group Case Western Reserve University

This table displays the percentage of your students who participated in a High-Impact Practice by major-field group, as well as the percentage who participated overall (at least one, two or more).

Item #	High-Impact Practice	First-Year Students										Seniors									
		A, H, & SS %	Math and Natural Sci %	(Category Not Used) %	(Category Not Used) %	Business %	Comm, Media, PR %	Education %	Engineering %	Health Professions %	Social Svc Professions %	A, H, & SS %	Math and Natural Sci %	(Category Not Used) %	(Category Not Used) %	Business %	Comm, Media, PR %	Education %	Engineering %	Health Professions %	Social Svc Professions %
11c.	Learning community	8	11					4	32			29	29			14			19		
12.	Service-learning	33	26					27	100			37	58			68			31		
11e.	Research with faculty	14	18					13	9			68	81			22			57		
11a.	Internship or field exp.											55	71			77			79		
11d.	Study abroad											34	21			22			15		
11f.	Culminating senior exp.											100	93			96			87		
	<i>Participated in at least one</i>	41	44					36	95			100	100			96			96		
	<i>Participated in two or more</i>	14	11					7	36			92	86			91			93		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count
<b>1. During the current school year, about how often have you done the following?</b>																								
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	0	0	1	2											1	1	0	0			
		2	Sometimes	6	16	21	37												46	44	8	36		
		3	Often	14	38	22	39												40	38	8	36		
		4	Very often	17	46	13	23												17	16	6	27		
		Total		37	100	57	100												104	100	22	100		
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	4	11	6	11											23	22	7	32			
		2	Sometimes	19	51	27	48												48	46	8	36		
		3	Often	9	24	13	23												27	26	3	14		
		4	Very often	5	14	10	18												7	7	4	18		
		Total		37	100	56	100												105	100	22	100		
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	2	5	2	4											2	2	1	5			
		2	Often	3	8	4	7												14	13	5	23		
		3	Sometimes	20	54	32	57												64	61	14	64		
		4	Never	12	32	18	32												25	24	2	9		
		Total		37	100	56	100												105	100	22	100		
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	3	8	5	9											23	22	4	18			
		2	Sometimes	14	38	29	52												41	39	11	50		
		3	Often	11	30	12	21												28	27	7	32		
		4	Very often	9	24	10	18												12	12	0	0		
		Total		37	100	56	100												104	100	22	100		
e. Asked another student to help you understand course material	CLaskhelp	1	Never	2	5	4	7											1	1	0	0			
		2	Sometimes	12	32	16	29												24	23	8	36		
		3	Often	12	32	15	27												36	34	8	36		
		4	Very often	11	30	21	38												44	42	6	27		
		Total		37	100	56	100												105	100	22	100		
f. Explained course material to one or more students	CLexplain	1	Never	0	0	0	0											1	1	0	0			
		2	Sometimes	15	41	10	18												28	26	6	27		
		3	Often	12	32	30	53												48	45	13	59		
		4	Very often	10	27	17	30												29	27	3	14		
		Total		37	100	57	100												106	100	22	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions					
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%				
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	3	8	4	7											9	8	3	14						
		2	Sometimes	13	36	14	25												26	25	5	23					
		3	Often	10	28	17	30													38	36	7	32				
		4	Very often	10	28	22	39														33	31	7	32			
		Total		36	100	57	100														106	100	22	100			
h. Worked with other students on course projects or assignments	CLproject	1	Never	1	3	1	2												2	2	0	0					
		2	Sometimes	17	46	19	33													38	36	10	45				
		3	Often	13	35	20	35														36	34	5	23			
		4	Very often	6	16	17	30														30	28	7	32			
		Total		37	100	57	100														106	100	22	100			
i. Given a course presentation	present	1	Never	1	3	1	2													12	11	1	5				
		2	Sometimes	22	59	38	67														75	71	10	45			
		3	Often	11	30	12	21														16	15	10	45			
		4	Very often	3	8	6	11															3	3	1	5		
		Total		37	100	57	100															106	100	22	100		

### 2. During the current school year, about how often have you done the following?

a. Combined ideas from different courses when completing assignments	RIntegrate	1	Never	1	3	4	7												9	8	0	0							
		2	Sometimes	12	32	22	39														54	51	8	36					
		3	Often	16	43	20	35															29	27	8	36				
		4	Very often	8	22	11	19															14	13	6	27				
		Total		37	100	57	100															106	100	22	100				
b. Connected your learning to societal problems or issues	RSocietal	1	Never	1	3	5	9													12	11	1	5						
		2	Sometimes	12	34	26	46															59	56	6	27				
		3	Often	10	29	18	32															27	25	10	45				
		4	Very often	12	34	8	14																8	8	5	23			
		Total		35	100	57	100																106	100	22	100			
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	0	0	6	11														15	14	1	5					
		2	Sometimes	14	38	26	46																50	47	8	36			
		3	Often	11	30	16	29																31	29	10	45			
		4	Very often	12	32	8	14																	10	9	3	14		
		Total		37	100	56	100																	106	100	22	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	0	0	1	2											9	8	2	9			
		2	Sometimes	9	24	18	32												34	32	4	18		
		3	Often	19	51	27	47												47	44	14	64		
		4	Very often	9	24	11	19												16	15	2	9		
		Total		37	100	57	100												106	100	22	100		
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	0	0	5	9											3	3	0	0			
		2	Sometimes	7	19	16	28												39	37	4	18		
		3	Often	17	46	22	39												42	40	13	59		
		4	Very often	13	35	14	25												21	20	5	23		
		Total		37	100	57	100												105	100	22	100		
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	0	0	3	5											5	5	0	0			
		2	Sometimes	8	22	19	33												42	40	4	18		
		3	Often	16	43	24	42												42	40	12	55		
		4	Very often	13	35	11	19												17	16	6	27		
		Total		37	100	57	100												106	100	22	100		
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	0	0	1	2											2	2	0	0			
		2	Sometimes	3	8	10	18												22	21	2	9		
		3	Often	19	51	21	38												57	54	13	59		
		4	Very often	15	41	24	43												24	23	7	32		
		Total		37	100	56	100												105	100	22	100		
<b>3. During the current school year, about how often have you done the following?</b>																								
a. Talked about career plans with a faculty member	SFcareer	1	Never	4	11	16	28											20	19	3	14			
		2	Sometimes	21	60	28	49												70	66	15	68		
		3	Often	8	23	11	19												13	12	3	14		
		4	Very often	2	6	2	4												3	3	1	5		
		Total		35	100	57	100												106	100	22	100		
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	13	37	28	49											58	55	12	55			
		2	Sometimes	12	34	20	35												37	35	7	32		
		3	Often	8	23	7	12												7	7	1	5		
		4	Very often	2	6	2	4												4	4	2	9		
		Total		35	100	57	100												106	100	22	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	4	11	14	25											32	30	10	45			
		2	Sometimes	23	64	31	54												59	56	8	36		
		3	Often	7	19	9	16												11	10	2	9		
		4	Very often	2	6	3	5												4	4	2	9		
		Total		36	100	57	100												106	100	22	100		
d. Discussed your academic performance with a faculty member	SFperform	1	Never	3	9	16	28												26	25	5	23		
		2	Sometimes	27	79	32	56												64	62	14	64		
		3	Often	4	12	4	7												11	11	2	9		
		4	Very often	0	0	5	9												3	3	1	5		
		Total		34	100	57	100												104	100	22	100		
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																								
a. Memorizing course material	memorize	1	Very little	2	6	2	4												6	6	0	0		
		2	Some	9	26	13	23												22	21	2	9		
		3	Quite a bit	15	43	24	43												60	57	10	45		
		4	Very much	9	26	17	30												17	16	10	45		
		Total		35	100	56	100												105	100	22	100		
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	1	3	2	4												0	0	2	9		
		2	Some	7	20	5	9												12	11	3	14		
		3	Quite a bit	15	43	26	46												49	47	7	32		
		4	Very much	12	34	23	41												44	42	10	45		
		Total		35	100	56	100												105	100	22	100		
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	1	3	1	2												3	3	0	0		
		2	Some	4	12	9	16												23	22	6	27		
		3	Quite a bit	14	41	29	53												55	52	10	45		
		4	Very much	15	44	16	29												24	23	6	27		
		Total		34	100	55	100												105	100	22	100		
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	0	0	3	5												6	6	2	9		
		2	Some	6	17	14	25												41	40	9	41		
		3	Quite a bit	17	49	22	39												45	44	7	32		
		4	Very much	12	34	17	30												11	11	4	18		
		Total		35	100	56	100												103	100	22	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	3	3	5											6	6	1	5			
		2	Some	6	17	10	18												36	35	8	36		
		3	Quite a bit	18	51	29	52												50	48	9	41		
		4	Very much	10	29	14	25												12	12	4	18		
		Total		35	100	56	100												104	100	22	100		
<b>5. During the current school year, to what extent have your instructors done the following?</b>																								
a. Clearly explained course goals and requirements	ETgoals	1	Very little	0	0	0	0												1	1	0	0		
		2	Some	5	14	6	11												23	22	2	9		
		3	Quite a bit	18	50	23	40												45	43	11	50		
		4	Very much	13	36	28	49												36	34	9	41		
		Total		36	100	57	100												105	100	22	100		
b. Taught course sessions in an organized way	ETorganize	1	Very little	0	0	0	0												0	0	0	0		
		2	Some	2	6	6	11												14	13	4	18		
		3	Quite a bit	23	64	31	54												52	50	13	59		
		4	Very much	11	31	20	35												38	37	5	23		
		Total		36	100	57	100												104	100	22	100		
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	0	0	1	2												0	0	0	0		
		2	Some	3	8	5	9												17	16	1	5		
		3	Quite a bit	18	50	20	35												52	50	13	59		
		4	Very much	15	42	31	54												35	34	8	36		
		Total		36	100	57	100												104	100	22	100		
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	2	6	0	0												6	6	2	9		
		2	Some	8	22	19	33												41	39	6	27		
		3	Quite a bit	14	39	27	47												34	33	10	45		
		4	Very much	12	33	11	19												23	22	4	18		
		Total		36	100	57	100												104	100	22	100		
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	1	3	3	5												3	3	1	5		
		2	Some	9	25	17	30												34	33	4	18		
		3	Quite a bit	17	47	24	42												48	47	13	59		
		4	Very much	9	25	13	23												18	17	4	18		
		Total		36	100	57	100												103	100	22	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

#### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count
<b>6. During the current school year, about how often have you done the following?</b>																								
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	6	17	4	7											4	4	9	41			
		2	Sometimes	16	44	11	19												26	25	4	18		
		3	Often	8	22	25	44												50	48	6	27		
		4	Very often	6	17	17	30												24	23	3	14		
		Total		36	100	57	100													104	100	22	100	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	10	28	9	16											28	27	7	32			
		2	Sometimes	16	44	23	40												49	47	8	36		
		3	Often	8	22	16	28												19	18	4	18		
		4	Very often	2	6	9	16												8	8	3	14		
		Total		36	100	57	100													104	100	22	100	
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	5	14	7	12											19	18	6	27			
		2	Sometimes	18	50	22	39												55	53	5	23		
		3	Often	7	19	16	28												22	21	8	36		
		4	Very often	6	17	12	21												7	7	3	14		
		Total		36	100	57	100													103	100	22	100	
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																								
a. Up to 5 pages	wrshortnum	0	None	1	3	0	0											0	0	0	0			
		1.5	1-2	2	6	3	5												13	13	1	5		
		4	3-5	7	19	25	45												36	35	7	32		
		8	6-10	8	22	15	27												33	32	6	27		
		13	11-15	10	28	8	14												12	12	3	14		
		18	16-20	5	14	5	9												3	3	5	23		
		23	More than 20	3	8	0	0												7	7	0	0		
		Total		36	100	56	100													104	100	22	100	
b. Between 6 and 10 pages	wrmednum	0	None	4	11	6	11												9	9	4	18		
		1.5	1-2	17	46	23	41												58	57	11	50		
		4	3-5	10	27	19	34												28	27	6	27		
		8	6-10	6	16	6	11												5	5	1	5		
		13	11-15	0	0	2	4												2	2	0	0		
		18	16-20	0	0	0	0												0	0	0	0		
		23	More than 20	0	0	0	0												0	0	0	0		
		Total		37	100	56	100													102	100	22	100	

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
c. 11 pages or more  <i>(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrlongnum	0	None	23	62	28	54											62	64	18	82		
		1.5	1-2	14	38	18	35											28	29	4	18		
		4	3-5	0	0	5	10											7	7	0	0		
		8	6-10	0	0	1	2											0	0	0	0		
		13	11-15	0	0	0	0											0	0	0	0		
		18	16-20	0	0	0	0											0	0	0	0		
		23	More than 20	0	0	0	0											0	0	0	0		
	Total			37	100	52	100										97	100	22	100			

### 8. During the current school year, about how often have you had discussions with people from the following groups?

a. People of a race or ethnicity other than your own	DDrace	1	Never	0	0	1	2											0	0	0	0		
		2	Sometimes	2	5	9	16											15	14	1	5		
		3	Often	6	16	17	30											31	29	3	14		
		4	Very often	29	78	30	53											60	57	18	82		
			Total			37	100	57	100										106	100	22	100	
b. People from an economic background other than your own	DDeconomic	1	Never	1	3	1	2											1	1	1	5		
		2	Sometimes	5	14	14	25											20	19	3	14		
		3	Often	6	16	14	25											39	37	4	18		
		4	Very often	25	68	28	49											46	43	14	64		
			Total			37	100	57	100										106	100	22	100	
c. People with religious beliefs other than your own	DDreligion	1	Never	0	0	1	2											2	2	0	0		
		2	Sometimes	6	16	8	14											16	15	3	14		
		3	Often	6	16	17	30											30	28	3	14		
		4	Very often	25	68	31	54											58	55	16	73		
			Total			37	100	57	100										106	100	22	100	
d. People with political views other than your own	DDpolitical	1	Never	1	3	1	2											5	5	0	0		
		2	Sometimes	7	19	19	33											21	20	4	18		
		3	Often	9	25	16	28											33	31	4	18		
		4	Very often	19	53	21	37											47	44	14	64		
			Total			36	100	57	100										106	100	22	100	



# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
<b>9. During the current school year, about how often have you done the following?</b>																								
a. Identified key information from reading assignments	LSreading	1	Never	1	3	0	0											1	1	0	0			
		2	Sometimes	2	5	8	14												18	17	0	0		
		3	Often	14	38	25	44												57	54	7	32		
		4	Very often	20	54	24	42												30	28	15	68		
			Total	37	100	57	100													106	100	22	100	
b. Reviewed your notes after class	LSnotes	1	Never	2	5	3	5												3	3	0	0		
		2	Sometimes	8	22	19	33												39	37	3	14		
		3	Often	14	38	14	25												39	37	7	32		
		4	Very often	13	35	21	37												25	24	12	55		
			Total	37	100	57	100													106	100	22	100	
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	1	3	2	4												10	9	0	0		
		2	Sometimes	5	14	16	29												45	42	6	27		
		3	Often	17	47	22	40												30	28	8	36		
		4	Very often	13	36	15	27												21	20	8	36		
			Total	36	100	55	100													106	100	22	100	
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																								
challenge		1	Not at all	0	0	0	0												0	0	0	0		
		2		0	0	0	0												1	1	0	0		
		3		1	3	2	4												2	2	0	0		
		4		1	3	7	12												12	11	0	0		
		5		10	27	16	28												27	25	8	36		
		6		18	49	18	32												48	45	12	55		
		7	Very much	7	19	14	25												16	15	2	9		
			Total	37	100	57	100													106	100	22	100	

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

#### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions				
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%			
<b>11. Which of the following have you done or do you plan to do before you graduate?</b>																										
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		6	16	4	7											12	11	0	0					
			Do not plan to do	0	0	3	5												2	2	0	0				
			Plan to do	27	73	47	82													86	81	5	23			
			Done or in progress	4	11	3	5													6	6	17	77			
			Total	37	100	57	100														106	100	22	100		
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		11	30	14	25												25	24	3	14				
			Do not plan to do	0	0	3	5													13	12	6	27			
			Plan to do	17	46	27	47													45	42	9	41			
			Done or in progress	9	24	13	23														23	22	4	18		
			Total	37	100	57	100														106	100	22	100		
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		13	35	21	38												46	44	6	27				
			Do not plan to do	11	30	13	24													40	38	7	32			
			Plan to do	10	27	15	27														14	13	2	9		
			Done or in progress	3	8	6	11														4	4	7	32		
			Total	37	100	55	100														104	100	22	100		
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		10	27	13	23												35	34	3	14				
			Do not plan to do	3	8	6	11													25	24	2	9			
			Plan to do	23	62	34	60														35	34	16	73		
			Done or in progress	1	3	4	7														9	9	1	5		
			Total	37	100	57	100														104	100	22	100		
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		10	28	4	7												23	22	8	36				
			Do not plan to do	0	0	0	0													10	10	9	41			
			Plan to do	21	58	42	75														58	55	3	14		
			Done or in progress	5	14	10	18														14	13	2	9		
			Total	36	100	56	100														105	100	22	100		
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		3	9	0	0												13	12	0	0				
			Do not plan to do	0	0	1	2													0	0	0	0			
			Plan to do	32	91	52	95														91	86	21	95		
			Done or in progress	0	0	2	4														2	2	1	5		
			Total	35	100	55	100														106	100	22	100		

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### Case Western Reserve University

#### First-Year Students

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																							
	servcourse	1	None	24	67	42	74											77	73	0	0		
		2	Some	12	33	14	25											26	25	19	90		
		3	Most	0	0	1	2											3	3	2	10		
		4	All	0	0	0	0											0	0	0	0		
			Total	36	100	57	100											106	100	21	100		
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																							
a. Students	QIstudent	1	Poor	0	0	1	2											2	2	0	0		
		2		0	0	0	0											0	0	0	0		
		3		1	3	2	4											4	4	1	5		
		4		2	5	2	4											4	4	3	14		
		5		8	22	11	19											22	21	7	32		
		6		15	41	24	42											44	42	6	27		
		7	Excellent	11	30	17	30											30	28	5	23		
		—	Not applicable	0	0	0	0											0	0	0	0		
			Total	37	100	57	100											106	100	22	100		
b. Academic advisors	QIadvisor	1	Poor	0	0	0	0											2	2	3	14		
		2		1	3	4	7											4	4	1	5		
		3		2	5	5	9											12	11	5	23		
		4		2	5	8	14											17	16	6	27		
		5		11	30	16	28											34	32	3	14		
		6		13	35	10	18											19	18	2	9		
		7	Excellent	8	22	12	21											17	16	1	5		
		—	Not applicable	0	0	2	4											1	1	1	5		
			Total	37	100	57	100											106	100	22	100		
c. Faculty	QIfaculty	1	Poor	0	0	2	4											0	0	1	5		
		2		0	0	1	2											0	0	0	0		
		3		2	5	0	0											2	2	2	9		
		4		4	11	9	16											16	15	1	5		
		5		9	24	15	27											42	40	11	50		
		6		19	51	15	27											32	30	5	23		
		7	Excellent	3	8	14	25											13	12	2	9		
		—	Not applicable	0	0	0	0											0	0	0	0		
			Total	37	100	56	100											105	100	22	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

#### First-Year Students

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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	0	0	2	4											1	1	1	5			
		2		1	3	3	5												0	0	1	5		
		3		2	5	0	0												5	5	3	14		
		4		6	16	5	9												18	17	6	27		
		5		8	22	14	25												21	20	5	23		
		6		15	41	14	25												30	29	2	9		
		7	Excellent	4	11	14	25												15	14	3	14		
		—	Not applicable	1	3	4	7												14	13	1	5		
	Total			37	100	56	100											104	100	22	100			
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	0	0	4	7											2	2	2	9			
		2		3	8	1	2												2	2	1	5		
		3		0	0	0	0												3	3	1	5		
		4		6	16	8	15												20	19	6	27		
		5		9	24	15	27												25	24	3	14		
		6		11	30	11	20												24	23	5	23		
		7	Excellent	4	11	8	15												13	12	1	5		
		—	Not applicable	4	11	8	15												17	16	3	14		
	Total			37	100	55	100											106	100	22	100			
<b>14. How much does your institution emphasize the following?</b>																								
a. Spending significant amounts of time studying and on academic works	empstudy	1	Very little	1	3	0	0											0	0	0	0			
		2	Some	2	6	3	5											5	5	1	5			
		3	Quite a bit	11	31	23	40												39	37	4	18		
		4	Very much	22	61	31	54												62	58	17	77		
			Total			36	100	57	100											106	100	22	100	
b. Providing support to help students succeed academically	SEacademic	1	Very little	0	0	0	0											1	1	1	5			
		2	Some	5	14	5	9											10	9	1	5			
		3	Quite a bit	13	36	23	40											48	45	9	43			
		4	Very much	18	50	29	51											47	44	10	48			
			Total			36	100	57	100										106	100	21	100		
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	0	0	3	5											2	2	1	5			
		2	Some	4	11	6	11											22	21	0	0			
		3	Quite a bit	14	40	20	35											37	35	7	32			
		4	Very much	17	49	28	49											45	42	14	64			
			Total			35	100	57	100										106	100	22	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	3	8	6	11											7	7	1	5			
		2	Some	10	28	12	21												41	39	5	23		
		3	Quite a bit	15	42	22	39												36	34	5	23		
		4	Very much	8	22	17	30												22	21	11	50		
		Total		36	100	57	100												106	100	22	100		
e. Providing opportunities to be involved socially	SEsocial	1	Very little	1	3	3	5												1	1	0	0		
		2	Some	10	28	5	9												30	28	4	18		
		3	Quite a bit	12	33	31	54												47	44	6	27		
		4	Very much	13	36	18	32												28	26	12	55		
		Total		36	100	57	100												106	100	22	100		
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	2	6	3	5												1	1	0	0		
		2	Some	4	11	10	18												31	29	5	23		
		3	Quite a bit	21	58	25	44												43	41	10	45		
		4	Very much	9	25	19	33												31	29	7	32		
		Total		36	100	57	100												106	100	22	100		
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	4	11	11	19												21	20	4	18		
		2	Some	19	53	28	49												52	49	12	55		
		3	Quite a bit	10	28	12	21												24	23	2	9		
		4	Very much	3	8	6	11												9	8	4	18		
		Total		36	100	57	100												106	100	22	100		
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	1	3	5	9												9	8	1	5		
		2	Some	12	33	17	30												42	40	7	32		
		3	Quite a bit	14	39	23	41												41	39	8	36		
		4	Very much	9	25	11	20												14	13	6	27		
		Total		36	100	56	100												106	100	22	100		
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	6	17	4	7												9	9	2	9		
		2	Some	7	19	21	38												46	44	5	23		
		3	Quite a bit	14	39	21	38												39	37	9	41		
		4	Very much	9	25	9	16												11	10	6	27		
		Total		36	100	55	100												105	100	22	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																								
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	0	0												0	0	0	0		
		3	1-5 hrs	2	5	1	2												4	4	1	5		
		8	6-10 hrs	2	5	4	7												8	8	5	23		
	(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)	13	11-15 hrs	11	30	12	21												22	21	4	18		
		18	16-20 hrs	7	19	14	25												30	29	7	32		
		23	21-25 hrs	5	14	13	23												21	20	3	14		
		28	26-30 hrs	5	14	6	11												10	10	1	5		
		33	More than 30 hrs	5	14	7	12												10	10	1	5		
	Total			37	100	57	100												105	100	22	100		
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	1	3	8	14												11	10	9	41		
		3	1-5 hrs	14	38	14	25												30	28	4	18		
	(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	11	30	19	33												34	32	5	23		
		13	11-15 hrs	7	19	8	14												15	14	4	18		
		18	16-20 hrs	1	3	4	7												10	9	0	0		
		23	21-25 hrs	3	8	3	5												3	3	0	0		
		28	26-30 hrs	0	0	1	2												1	1	0	0		
		33	More than 30 hrs	0	0	0	0												2	2	0	0		
	Total			37	100	57	100												106	100	22	100		
c. Working for pay on campus	tmworkonhrs	0	0 hrs	25	68	44	77												82	77	15	68		
		3	1-5 hrs	3	8	7	12												6	6	4	18		
	(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	8	6-10 hrs	5	14	4	7												11	10	1	5		
		13	11-15 hrs	4	11	1	2												5	5	1	5		
		18	16-20 hrs	0	0	1	2												2	2	1	5		
		23	21-25 hrs	0	0	0	0												0	0	0	0		
		28	26-30 hrs	0	0	0	0												0	0	0	0		
		33	More than 30 hrs	0	0	0	0												0	0	0	0		
	Total			37	100	57	100												106	100	22	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

#### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions				
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%			
d. Working for pay off campus	tmworkoffhrs  <i>(Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	26	70	51	89											102	97	19	86					
		3	1-5 hrs	4	11	3	5												1	1	2	9				
		8	6-10 hrs	3	8	3	5													1	1	0	0			
		13	11-15 hrs	3	8	0	0													0	0	0	0			
		18	16-20 hrs	1	3	0	0														1	1	1	5		
		23	21-25 hrs	0	0	0	0														0	0	0	0		
		28	26-30 hrs	0	0	0	0														0	0	0	0		
		33	More than 30 hrs	0	0	0	0														0	0	0	0		
			Total			37	100	57	100												105	100	22	100		
		e. Doing community service or volunteer work	tmservicehrs  <i>(Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	12	33	28	49												66	63	11	52		
3	1-5 hrs			15	42	23	40													33	31	9	43			
8	6-10 hrs			7	19	3	5														5	5	1	5		
13	11-15 hrs			1	3	3	5														0	0	0	0		
18	16-20 hrs			0	0	0	0														1	1	0	0		
23	21-25 hrs			1	3	0	0														0	0	0	0		
28	26-30 hrs			0	0	0	0														0	0	0	0		
33	More than 30 hrs			0	0	0	0														0	0	0	0		
	Total					36	100	57	100												105	100	21	100		
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs  <i>(Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)</i>			0	0 hrs	1	3	1	2													2	2	0	0	
		3	1-5 hrs	7	19	7	13														9	8	4	19		
		8	6-10 hrs	15	41	24	44														30	28	7	33		
		13	11-15 hrs	8	22	7	13														26	25	6	29		
		18	16-20 hrs	2	5	5	9														18	17	4	19		
		23	21-25 hrs	4	11	6	11														9	8	0	0		
		28	26-30 hrs	0	0	0	0														4	4	0	0		
		33	More than 30 hrs	0	0	4	7														8	8	0	0		
			Total			37	100	54	100												106	100	21	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
g. Providing care for dependents (children, parents, etc.)	tmcarehrs  <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	31	84	52	93											103	97	20	91				
		3	1-5 hrs	4	11	3	5												1	1	2	9			
		8	6-10 hrs	0	0	1	2												0	0	0	0			
		13	11-15 hrs	1	3	0	0												0	0	0	0			
		18	16-20 hrs	1	3	0	0												1	1	0	0			
		23	21-25 hrs	0	0	0	0												1	1	0	0			
		28	26-30 hrs	0	0	0	0												0	0	0	0			
		33	More than 30 hrs	0	0	0	0												0	0	0	0			
			Total			37	100	56	100											106	100	22	100		
		h. Commuting to campus (driving, walking, etc.)	tmcommutehrs  <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	17	47	22	39											43	41	12	55		
3	1-5 hrs			11	31	25	45												48	46	6	27			
8	6-10 hrs			5	14	8	14												11	10	4	18			
13	11-15 hrs			2	6	1	2												1	1	0	0			
18	16-20 hrs			1	3	0	0												2	2	0	0			
23	21-25 hrs			0	0	0	0												0	0	0	0			
28	26-30 hrs			0	0	0	0												0	0	0	0			
33	More than 30 hrs			0	0	0	0												0	0	0	0			
	Total					36	100	56	100											105	100	22	100		

### 16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?

reading	1	Very little	3	8	3	5												16	15	0	0		
	2	Some	7	19	34	60												56	53	7	33		
	3	About half	9	25	13	23												26	25	4	19		
	4	Most	11	31	7	12												5	5	8	38		
	5	Almost all	6	17	0	0												3	3	2	10		
		Total			36	100	57	100											106	100	21	100	
tmreadinghrscol  <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	0	0	0	0												0	0	0	0		
	3	More than 0, up to 5 hrs	8	22	24	42												45	43	5	24		
	8	More than 5, up to 10 hrs	11	31	24	42												44	42	9	43		
	13	More than 10, up to 15 hrs	7	19	5	9												9	9	6	29		
	18	More than 15, up to 20 hrs	3	8	1	2												3	3	0	0		
	23	More than 20, up to 25 hrs	4	11	3	5												3	3	1	5		
	28	More than 25 hrs	3	8	0	0												1	1	0	0		
		Total			36	100	57	100											105	100	21	100	



# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

#### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count
<b>17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																								
a. Writing clearly and effectively	pgwrite	1	Very little	1	3	5	9											5	5	1	5			
		2	Some	6	16	16	29												43	41	7	32		
		3	Quite a bit	14	38	23	41												44	42	7	32		
		4	Very much	16	43	12	21												14	13	7	32		
		Total		37	100	56	100												106	100	22	100		
b. Speaking clearly and effectively	pgspeak	1	Very little	1	3	8	14											20	19	3	14			
		2	Some	10	27	25	45												49	46	8	36		
		3	Quite a bit	19	51	17	30												29	27	7	32		
		4	Very much	7	19	6	11												8	8	4	18		
		Total		37	100	56	100												106	100	22	100		
c. Thinking critically and analytically	pgthink	1	Very little	0	0	3	5											6	6	0	0			
		2	Some	8	22	3	5												19	18	3	14		
		3	Quite a bit	14	38	29	51												47	44	11	50		
		4	Very much	15	41	22	39												34	32	8	36		
		Total		37	100	57	100												106	100	22	100		
d. Analyzing numerical and statistical information	pganalyze	1	Very little	5	14	7	12												7	7	9	41		
		2	Some	17	47	11	19												26	25	7	32		
		3	Quite a bit	7	19	18	32												42	40	2	9		
		4	Very much	7	19	21	37												30	29	4	18		
		Total		36	100	57	100												105	100	22	100		
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	4	11	9	16												8	8	1	5		
		2	Some	15	43	22	39												43	41	5	23		
		3	Quite a bit	11	31	14	25												33	31	6	27		
		4	Very much	5	14	12	21												22	21	10	45		
		Total		35	100	57	100												106	100	22	100		
f. Working effectively with others	pgothers	1	Very little	3	8	6	11												6	6	1	5		
		2	Some	10	27	19	33												41	39	5	23		
		3	Quite a bit	15	41	21	37												40	38	8	36		
		4	Very much	9	24	11	19												18	17	8	36		
		Total		37	100	57	100												105	100	22	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

#### First-Year Students

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	5	14	11	19											25	24	4	18			
		2	Some	11	30	16	28											37	35	6	27			
		3	Quite a bit	16	43	19	33												30	29	7	32		
		4	Very much	5	14	11	19												13	12	5	23		
		Total		37	100	57	100												105	100	22	100		
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	3	8	12	21											14	13	2	9			
		2	Some	8	22	15	26											45	43	3	14			
		3	Quite a bit	16	43	16	28												30	29	6	27		
		4	Very much	10	27	14	25												16	15	11	50		
		Total		37	100	57	100												105	100	22	100		
i. Solving complex real-world problems	pgprobsolve	1	Very little	2	6	6	11											10	10	2	9			
		2	Some	14	39	21	37											45	43	7	32			
		3	Quite a bit	12	33	19	33												33	31	6	27		
		4	Very much	8	22	11	19												17	16	7	32		
		Total		36	100	57	100												105	100	22	100		
j. Being an informed and active citizen	pgcitizen	1	Very little	3	8	11	20											23	22	6	27			
		2	Some	11	30	19	34											50	48	5	23			
		3	Quite a bit	14	38	16	29												20	19	5	23		
		4	Very much	9	24	10	18												11	11	6	27		
		Total		37	100	56	100												104	100	22	100		
<b>18. How would you evaluate your entire educational experience at this institution?</b>																								
	evalexp	1	Poor	0	0	3	5											0	0	0	0			
		2	Fair	2	6	6	11											7	7	1	5			
		3	Good	11	31	15	26											49	46	10	45			
		4	Excellent	23	64	33	58											50	47	11	50			
		Total			36	100	57	100										106	100	22	100			
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																								
	sameinst	1	Definitely no	0	0	3	5											2	2	0	0			
		2	Probably no	6	16	5	9											11	10	2	9			
		3	Probably yes	15	41	26	46											43	41	7	32			
		4	Definitely yes	16	43	23	40											50	47	13	59			
		Total			37	100	57	100										106	100	22	100			

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>1. During the current school year, about how often have you done the following?</b>																							
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	0	0	0	0					1	4					0	0				
		2	Sometimes	5	13	15	35					5	22					29	40				
		3	Often	10	26	12	28					6	26					23	32				
		4	Very often	23	61	16	37					11	48					20	28				
			Total	38	100	43	100					23	100					72	100				
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	9	24	13	32					3	14					27	38				
		2	Sometimes	15	39	14	34					12	55					28	39				
		3	Often	7	18	11	27					3	14					10	14				
		4	Very often	7	18	3	7					4	18					7	10				
			Total	38	100	41	100					22	100					72	100				
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	3	8	4	10					3	13					6	8				
		2	Often	8	21	8	19					1	4					16	22				
		3	Sometimes	21	55	23	55					14	61					35	49				
		4	Never	6	16	7	17					5	22					15	21				
			Total	38	100	42	100					23	100					72	100				
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	6	16	6	14					6	27					17	24				
		2	Sometimes	17	45	26	60					8	36					27	38				
		3	Often	8	21	8	19					5	23					20	28				
		4	Very often	7	18	3	7					3	14					7	10				
			Total	38	100	43	100					22	100					71	100				
e. Asked another student to help you understand course material	CLaskhelp	1	Never	3	8	7	16					3	14					1	1				
		2	Sometimes	21	55	15	35					8	36					33	46				
		3	Often	10	26	13	30					7	32					20	28				
		4	Very often	4	11	8	19					4	18					18	25				
			Total	38	100	43	100					22	100					72	100				
f. Explained course material to one or more students	CLexplain	1	Never	1	3	2	5					0	0					1	1				
		2	Sometimes	17	46	15	35					5	22					23	32				
		3	Often	12	32	17	40					9	39					22	31				
		4	Very often	7	19	9	21					9	39					26	36				
			Total	37	100	43	100					23	100					72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	7	18	8	19					3	13					9	13				
		2	Sometimes	18	47	15	35					7	30					19	26				
		3	Often	9	24	14	33					6	26					24	33				
		4	Very often	4	11	6	14					7	30					20	28				
		Total		38	100	43	100					23	100					72	100				
h. Worked with other students on course projects or assignments	CLproject	1	Never	3	8	3	7					0	0					0	0				
		2	Sometimes	13	34	15	35					1	4					12	17				
		3	Often	15	39	17	40					7	30					31	43				
		4	Very often	7	18	8	19					15	65					29	40				
		Total		38	100	43	100					23	100					72	100				
i. Given a course presentation	present	1	Never	1	3	1	2					1	4					5	7				
		2	Sometimes	9	24	16	37					2	9					20	28				
		3	Often	16	42	17	40					6	26					27	38				
		4	Very often	12	32	9	21					14	61					19	27				
		Total		38	100	43	100					23	100					71	100				

### 2. During the current school year, about how often have you done the following?

a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	0	0	2	5					0	0					0	0				
		2	Sometimes	9	24	14	33					6	27					22	31				
		3	Often	14	37	15	35					6	27					29	40				
		4	Very often	15	39	12	28					10	45					21	29				
		Total		38	100	43	100					22	100					72	100				
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	1	3	5	12					2	10					9	13				
		2	Sometimes	8	21	15	35					7	33					30	42				
		3	Often	10	26	12	28					6	29					23	32				
		4	Very often	19	50	11	26					6	29					10	14				
		Total		38	100	43	100					21	100					72	100				
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	0	0	7	16					1	5					23	32				
		2	Sometimes	10	26	13	30					9	41					29	40				
		3	Often	14	37	14	33					7	32					14	19				
		4	Very often	14	37	9	21					5	23					6	8				
		Total		38	100	43	100					22	100					72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	1	3	3	7					0	0					4	6				
		2	Sometimes	7	18	11	26					5	24					28	39				
		3	Often	20	53	16	37					10	48					24	34				
		4	Very often	10	26	13	30					6	29					15	21				
		Total		38	100	43	100					21	100					71	100				
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	0	0	3	7					0	0					3	4				
		2	Sometimes	11	30	12	28					3	14					23	32				
		3	Often	16	43	16	37					12	55					24	33				
		4	Very often	10	27	12	28					7	32					22	31				
		Total		37	100	43	100					22	100					72	100				
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	2	5	0	0					0	0					3	4				
		2	Sometimes	12	32	11	26					6	27					20	28				
		3	Often	14	37	23	53					8	36					29	41				
		4	Very often	10	26	9	21					8	36					19	27				
		Total		38	100	43	100					22	100					71	100				
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	0	0	1	2					0	0					0	0				
		2	Sometimes	2	5	7	16					2	10					11	15				
		3	Often	16	42	24	56					7	33					32	44				
		4	Very often	20	53	11	26					12	57					29	40				
		Total		38	100	43	100					21	100					72	100				
<b>3. During the current school year, about how often have you done the following?</b>																							
a. Talked about career plans with a faculty member	SFcareer	1	Never	2	5	4	9					1	5					11	15				
		2	Sometimes	15	39	21	49					9	41					35	49				
		3	Often	15	39	15	35					5	23					16	23				
		4	Very often	6	16	3	7					7	32					9	13				
		Total		38	100	43	100					22	100					71	100				
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	5	14	13	30					5	23					22	31				
		2	Sometimes	20	54	12	28					8	36					29	40				
		3	Often	8	22	14	33					4	18					12	17				
		4	Very often	4	11	4	9					5	23					9	13				
		Total		37	100	43	100					22	100					72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	6	16	9	21					3	14					17	24				
		2	Sometimes	19	50	16	37					9	41					33	46				
		3	Often	6	16	16	37					5	23					15	21				
		4	Very often	7	18	2	5					5	23					7	10				
		Total		38	100	43	100					22	100					72	100				
d. Discussed your academic performance with a faculty member	SFperform	1	Never	10	26	9	21					3	14					24	33				
		2	Sometimes	14	37	26	60					10	45					37	51				
		3	Often	7	18	7	16					4	18					10	14				
		4	Very often	7	18	1	2					5	23					1	1				
		Total		38	100	43	100					22	100					72	100				
<b>4. During the current school year, how much has your coursework emphasized the following?</b>																							
a. Memorizing course material	memorize	1	Very little	6	16	5	12					0	0					11	15				
		2	Some	12	32	8	19					12	55					23	32				
		3	Quite a bit	14	37	17	40					5	23					26	36				
		4	Very much	6	16	13	30					5	23					12	17				
		Total		38	100	43	100					22	100					72	100				
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	3	8	2	5					0	0					3	4				
		2	Some	5	13	6	14					2	9					5	7				
		3	Quite a bit	18	47	22	51					12	55					31	43				
		4	Very much	12	32	13	30					8	36					33	46				
		Total		38	100	43	100					22	100					72	100				
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	3	8	3	7					0	0					4	6				
		2	Some	3	8	8	19					1	5					11	15				
		3	Quite a bit	12	32	16	37					9	41					27	38				
		4	Very much	20	53	16	37					12	55					30	42				
		Total		38	100	43	100					22	100					72	100				
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	2	5	3	7					0	0					12	17				
		2	Some	5	13	15	35					2	9					24	33				
		3	Quite a bit	13	34	14	33					13	59					20	28				
		4	Very much	18	47	11	26					7	32					16	22				
		Total		38	100	43	100					22	100					72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	1	3	3	7					0	0					9	13				
		2	Some	9	24	10	24					8	36					18	25				
		3	Quite a bit	17	45	18	43					9	41					26	36				
		4	Very much	11	29	11	26					5	23					19	26				
		Total		38	100	42	100					22	100					72	100				
<b>5. During the current school year, to what extent have your instructors done the following?</b>																							
a. Clearly explained course goals and requirements	ETgoals	1	Very little	0	0	1	2					0	0					3	4				
		2	Some	7	18	5	12					0	0					14	19				
		3	Quite a bit	21	55	26	60					16	70					34	47				
		4	Very much	10	26	11	26					7	30					21	29				
		Total		38	100	43	100					23	100					72	100				
b. Taught course sessions in an organized way	ETorganize	1	Very little	1	3	1	2					0	0					3	4				
		2	Some	6	16	9	21					1	4					14	20				
		3	Quite a bit	21	55	24	56					14	61					35	49				
		4	Very much	10	26	9	21					8	35					19	27				
		Total		38	100	43	100					23	100					71	100				
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	3	1	2					0	0					1	1				
		2	Some	10	26	5	12					2	9					22	31				
		3	Quite a bit	18	47	22	51					9	41					25	35				
		4	Very much	9	24	15	35					11	50					24	33				
		Total		38	100	43	100					22	100					72	100				
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	5	13	7	16					1	4					17	24				
		2	Some	13	34	12	28					11	48					27	38				
		3	Quite a bit	14	37	15	35					4	17					22	31				
		4	Very much	6	16	9	21					7	30					6	8				
		Total		38	100	43	100					23	100					72	100				
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	3	8	3	7					0	0					10	14				
		2	Some	10	26	10	23					2	9					23	32				
		3	Quite a bit	13	34	19	44					10	43					31	43				
		4	Very much	12	32	11	26					11	48					8	11				
		Total		38	100	43	100					23	100					72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>6. During the current school year, about how often have you done the following?</b>																							
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	5	13	4	9					1	4					2	3				
		2	Sometimes	18	47	9	21					3	13					16	22				
		3	Often	11	29	16	37					8	35					24	33				
		4	Very often	4	11	14	33					11	48					30	42				
		Total		38	100	43	100					23	100					72	100				
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	10	26	9	21					2	9					16	22				
		2	Sometimes	15	39	11	26					2	9					23	32				
		3	Often	10	26	17	40					8	35					16	22				
		4	Very often	3	8	6	14					11	48					17	24				
		Total		38	100	43	100					23	100					72	100				
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	12	32	5	12					1	4					8	11				
		2	Sometimes	12	32	13	30					2	9					29	40				
		3	Often	8	21	14	33					10	43					22	31				
		4	Very often	6	16	11	26					10	43					13	18				
		Total		38	100	43	100					23	100					72	100				
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)</b>																							
a. Up to 5 pages	wrshortnum  <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	0	0	3	7					0	0					4	6				
		1.5	1-2	5	14	8	19					1	4					23	32				
		4	3-5	5	14	14	33					6	26					26	36				
		8	6-10	12	33	8	19					4	17					12	17				
		13	11-15	5	14	5	12					7	30					5	7				
		18	16-20	5	14	2	5					1	4					0	0				
		23	More than 20	4	11	3	7					4	17					2	3				
		Total		36	100	43	100					23	100					72	100				
b. Between 6 and 10 pages	wrmednum  <i>(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	2	5	2	5					4	17					12	17				
		1.5	1-2	7	19	18	44					8	35					34	49				
		4	3-5	12	32	15	37					6	26					18	26				
		8	6-10	11	30	3	7					3	13					5	7				
		13	11-15	3	8	0	0					0	0					0	0				
		18	16-20	0	0	1	2					2	9					1	1				
		23	More than 20	2	5	2	5					0	0					0	0				
		Total		37	100	41	100					23	100					70	100				



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				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
c. 11 pages or more  <i>(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrlongnum	0	None	2	6	14	33					6	26					25	36				
		1.5	1-2	14	40	22	52					12	52					26	37				
		4	3-5	13	37	4	10					3	13					10	14				
		8	6-10	5	14	1	2					0	0					7	10				
		13	11-15	1	3	1	2					1	4					1	1				
		18	16-20	0	0	0	0					1	4					0	0				
		23	More than 20	0	0	0	0					0	0					1	1				
		Total			35	100	42	100					23	100					70	100			

### 8. During the current school year, about how often have you had discussions with people from the following groups?

a. People of a race or ethnicity other than your own	DDrace	1	Never	0	0	0	0					0	0					1	1				
		2	Sometimes	4	11	5	12					2	9					7	10				
		3	Often	13	34	14	33					6	26					23	32				
		4	Very often	21	55	24	56					15	65					41	57				
		Total		38	100	43	100					23	100					72	100				
b. People from an economic background other than your own	DDeconomic	1	Never	1	3	2	5					0	0					3	4				
		2	Sometimes	5	13	9	21					3	13					16	22				
		3	Often	13	34	14	33					7	30					15	21				
		4	Very often	19	50	18	42					13	57					38	53				
		Total		38	100	43	100					23	100					72	100				
c. People with religious beliefs other than your own	DDreligion	1	Never	2	5	0	0					0	0					4	6				
		2	Sometimes	7	18	10	23					4	17					12	17				
		3	Often	7	18	14	33					8	35					16	22				
		4	Very often	22	58	19	44					11	48					40	56				
		Total		38	100	43	100					23	100					72	100				
d. People with political views other than your own	DDpolitical	1	Never	2	5	2	5					0	0					2	3				
		2	Sometimes	7	18	12	28					5	22					16	22				
		3	Often	14	37	14	33					7	30					18	25				
		4	Very often	15	39	15	35					11	48					36	50				
		Total		38	100	43	100					23	100					72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>9. During the current school year, about how often have you done the following?</b>																							
a. Identified key information from reading assignments	LSreading	1	Never	1	3	2	5					0	0					5	7				
		2	Sometimes	1	3	10	23					3	13					13	18				
		3	Often	12	32	14	33					10	43					26	36				
		4	Very often	24	63	17	40					10	43					28	39				
		Total		38	100	43	100					23	100					72	100				
b. Reviewed your notes after class	LSnotes	1	Never	5	13	6	14					0	0					7	10				
		2	Sometimes	17	45	17	40					12	52					27	38				
		3	Often	3	8	10	24					8	35					19	27				
		4	Very often	13	34	9	21					3	13					18	25				
		Total		38	100	42	100					23	100					71	100				
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	6	16	4	10					2	10					11	15				
		2	Sometimes	13	34	18	44					4	19					21	30				
		3	Often	9	24	11	27					12	57					20	28				
		4	Very often	10	26	8	20					3	14					19	27				
		Total		38	100	41	100					21	100					71	100				
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																							
challenge		1	Not at all	0	0	2	5					0	0					2	3				
		2		0	0	0	0					0	0					0	0				
		3		0	0	1	2					1	4					3	4				
		4		5	13	3	7					1	4					4	6				
		5		14	37	19	45					6	26					18	25				
		6		13	34	11	26					10	43					29	40				
		7	Very much	6	16	6	14					5	22					16	22				
		Total		38	100	42	100					23	100					72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

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### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>11. Which of the following have you done or do you plan to do before you graduate?</b>																									
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		1	3	1	2					1	5					1	1						
			Do not plan to do	15	39	9	21			2	9			2	9			7	10						
			Plan to do	1	3	2	5			2	9			2	9			7	10						
			Done or in progress	21	55	30	71			17	77			17	77			57	79						
			Total	38	100	42	100			22	100			22	100			72	100						
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		0	0	0	0					0	0					2	3						
			Do not plan to do	9	24	9	21			3	13			3	13			9	13						
			Plan to do	0	0	2	5			1	4			1	4			2	3						
			Done or in progress	29	76	31	74			19	83			19	83			59	82						
			Total	38	100	42	100			23	100			23	100			72	100						
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		1	3	3	7					1	5					2	3						
			Do not plan to do	24	63	27	64			16	73			16	73			54	75						
			Plan to do	2	5	0	0			2	9			2	9			2	3						
			Done or in progress	11	29	12	29			3	14			3	14			14	19						
			Total	38	100	42	100			22	100			22	100			72	100						
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		1	3	3	7					0	0					5	7						
			Do not plan to do	24	63	30	71			18	78			18	78			54	75						
			Plan to do	0	0	0	0			0	0			0	0			2	3						
			Done or in progress	13	34	9	21			5	22			5	22			11	15						
			Total	38	100	42	100			23	100			23	100			72	100						
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		0	0	1	2					0	0					1	1						
			Do not plan to do	11	29	6	14			14	61			14	61			24	34						
			Plan to do	1	3	1	2			4	17			4	17			5	7						
			Done or in progress	26	68	34	81			5	22			5	22			40	57						
			Total	38	100	42	100			23	100			23	100			70	100						
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided		0	0	0	0					0	0					1	1						
			Do not plan to do	0	0	0	0			0	0			0	0			1	1						
			Plan to do	0	0	3	7			1	4			1	4			7	10						
			Done or in progress	38	100	39	93			22	96			22	96			62	87						
			Total	38	100	42	100			23	100			23	100			71	100						

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																							
	servcourse	1	None	24	63	18	42					7	32					49	69				
		2	Some	14	37	24	56					14	64					21	30				
		3	Most	0	0	1	2					1	5					1	1				
		4	All	0	0	0	0					0	0					0	0				
			Total	38	100	43	100					22	100					71	100				
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																							
a. Students	QIstudent	1	Poor	1	3	0	0					0	0					1	1				
		2		2	5	1	2					0	0					2	3				
		3		1	3	2	5					2	9					1	1				
		4		5	13	0	0					1	4					2	3				
		5		7	18	12	29					7	30					12	17				
		6		11	29	15	36					7	30					32	44				
		7	Excellent	11	29	12	29					6	26					22	31				
		—	Not applicable	0	0	0	0					0	0					0	0				
			Total	38	100	42	100					23	100					72	100				
b. Academic advisors	QIadvisor	1	Poor	1	3	4	10					0	0					6	8				
		2		4	11	3	7					1	4					5	7				
		3		5	13	6	14					2	9					12	17				
		4		1	3	6	14					3	13					11	15				
		5		11	29	6	14					5	22					14	20				
		6		8	21	7	17					8	35					9	13				
		7	Excellent	8	21	10	24					4	17					14	20				
		—	Not applicable	0	0	0	0					0	0					0	0				
			Total	38	100	42	100					23	100					71	100				
c. Faculty	QIfaculty	1	Poor	0	0	1	2					0	0					1	1				
		2		0	0	2	5					1	4					4	6				
		3		4	11	4	10					0	0					4	6				
		4		3	8	4	10					1	4					13	18				
		5		14	37	11	26					3	13					19	26				
		6		12	32	13	31					9	39					17	24				
		7	Excellent	5	13	7	17					9	39					14	19				
		—	Not applicable	0	0	0	0					0	0					0	0				
			Total	38	100	42	100					23	100					72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	3	8	3	7					1	4					4	6				
		2		1	3	1	2					2	9					4	6				
		3		0	0	2	5					1	4					4	6				
		4		7	18	6	14					3	13					15	21				
		5		11	29	15	35					6	26					20	28				
		6		6	16	9	21					5	22					13	18				
		7	Excellent	6	16	7	16					5	22					11	15				
		—	Not applicable	4	11	0	0					0	0					0	0				
	Total			38	100	43	100					23	100					71	100				
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	2	5	2	5					1	5					3	4				
		2		2	5	4	10					0	0					4	6				
		3		3	8	2	5					4	18					6	8				
		4		7	18	5	12					6	27					8	11				
		5		11	29	16	38					6	27					25	35				
		6		5	13	4	10					3	14					14	19				
		7	Excellent	6	16	5	12					2	9					9	13				
		—	Not applicable	2	5	4	10					0	0					3	4				
	Total			38	100	42	100					22	100					72	100				
<b>14. How much does your institution emphasize the following?</b>																							
a. Spending significant amounts of time studying and on academic works	empstudy	1	Very little	0	0	0	0					0	0					0	0				
		2	Some	1	3	1	2					2	9					2	3				
		3	Quite a bit	13	34	15	36					7	30					10	14				
		4	Very much	24	63	26	62					14	61					60	83				
			Total			38	100	42	100					23	100					72	100		
b. Providing support to help students succeed academically	SEacademic	1	Very little	4	11	0	0					0	0					2	3				
		2	Some	11	30	10	24					6	26					19	26				
		3	Quite a bit	15	41	24	59					8	35					29	40				
		4	Very much	7	19	7	17					9	39					22	31				
			Total			37	100	41	100					23	100					72	100		
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	3	8	2	5					1	4					4	6				
		2	Some	9	24	13	32					5	22					20	29				
		3	Quite a bit	19	50	18	44					9	39					29	41				
		4	Very much	7	18	8	20					8	35					17	24				
			Total			38	100	41	100					23	100					70	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group Case Western Reserve University

### Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	7	18	6	14					4	17					15	21				
		2	Some	10	26	19	45					7	30					22	31				
		3	Quite a bit	13	34	12	29					7	30					22	31				
		4	Very much	8	21	5	12					5	22					12	17				
		Total		38	100	42	100					23	100					71	100				
e. Providing opportunities to be involved socially	SEsocial	1	Very little	4	11	2	5					0	0					5	7				
		2	Some	14	37	10	24					5	22					21	29				
		3	Quite a bit	12	32	26	62					13	57					28	39				
		4	Very much	8	21	4	10					5	22					18	25				
		Total		38	100	42	100					23	100					72	100				
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	7	18	3	7					5	22					11	15				
		2	Some	12	32	15	36					3	13					16	23				
		3	Quite a bit	16	42	17	40					9	39					28	39				
		4	Very much	3	8	7	17					6	26					16	23				
		Total		38	100	42	100					23	100					71	100				
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	16	43	19	45					6	27					26	37				
		2	Some	15	41	11	26					10	45					30	42				
		3	Quite a bit	6	16	10	24					3	14					11	15				
		4	Very much	0	0	2	5					3	14					4	6				
		Total		37	100	42	100					22	100					71	100				
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	8	21	9	21					3	14					9	13				
		2	Some	15	39	15	36					8	36					28	39				
		3	Quite a bit	11	29	14	33					9	41					25	35				
		4	Very much	4	11	4	10					2	9					9	13				
		Total		38	100	42	100					22	100					71	100				
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	8	21	8	19					1	4					14	20				
		2	Some	14	37	17	40					11	48					21	30				
		3	Quite a bit	12	32	15	36					6	26					25	36				
		4	Very much	4	11	2	5					5	22					10	14				
		Total		38	100	42	100					23	100					70	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>																							
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs	0	0 hrs	0	0	0	0					0	0					0	0				
		3	1-5 hrs	3	8	2	5					4	17					3	4				
		8	6-10 hrs	6	16	6	14					3	13					8	11				
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	13	11-15 hrs	4	11	9	21					4	17					13	18				
		18	16-20 hrs	10	26	13	31					5	22					13	18				
		23	21-25 hrs	6	16	8	19					3	13					12	17				
		28	26-30 hrs	4	11	1	2					3	13					6	8				
		33	More than 30 hrs	5	13	3	7					1	4					17	24				
			Total	38	100	42	100					23	100					72	100				
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	6	16	5	12					3	13					8	11				
		3	1-5 hrs	14	37	13	31					9	39					25	35				
		8	6-10 hrs	8	21	7	17					4	17					10	14				
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	13	11-15 hrs	2	5	9	21					1	4					9	13				
		18	16-20 hrs	4	11	2	5					3	13					10	14				
		23	21-25 hrs	2	5	4	10					2	9					2	3				
		28	26-30 hrs	0	0	1	2					0	0					3	4				
		33	More than 30 hrs	2	5	1	2					1	4					5	7				
			Total	38	100	42	100					23	100					72	100				
c. Working for pay on campus	tmworkonhrs	0	0 hrs	15	39	18	43					8	35					31	43				
		3	1-5 hrs	5	13	4	10					6	26					6	8				
		8	6-10 hrs	7	18	10	24					6	26					13	18				
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	13	11-15 hrs	5	13	7	17					2	9					12	17				
		18	16-20 hrs	5	13	2	5					0	0					10	14				
		23	21-25 hrs	0	0	0	0					0	0					0	0				
		28	26-30 hrs	0	0	1	2					0	0					0	0				
		33	More than 30 hrs	1	3	0	0					1	4					0	0				
			Total	38	100	42	100					23	100					72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	28	78	36	86					16	70					62	86						
		3	1-5 hrs	3	8	0	0					2	9					2	3						
		8	6-10 hrs	1	3	1	2					2	9					2	3						
		13	11-15 hrs	1	3	3	7					0	0					3	4						
		18	16-20 hrs	0	0	1	2					0	0					0	0						
		23	21-25 hrs	3	8	0	0					1	4					1	1						
		28	26-30 hrs	0	0	0	0					0	0					1	1						
		33	More than 30 hrs	0	0	1	2					2	9					1	1						
			Total			36	100	42	100					23	100					72	100				
		e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	16	42	13	31					6	26					31	44				
3	1-5 hrs			16	42	24	57					16	70					39	55						
8	6-10 hrs			3	8	4	10					0	0					1	1						
13	11-15 hrs			2	5	1	2					0	0					0	0						
18	16-20 hrs			0	0	0	0					0	0					0	0						
23	21-25 hrs			1	3	0	0					0	0					0	0						
28	26-30 hrs			0	0	0	0					0	0					0	0						
33	More than 30 hrs			0	0	0	0					1	4					0	0						
	Total					38	100	42	100					23	100					71	100				
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs			0	0 hrs	0	0	0	0					0	0					0	0				
		3	1-5 hrs	6	16	14	33					5	22					12	17						
		8	6-10 hrs	9	24	13	31					7	30					22	31						
		13	11-15 hrs	10	27	3	7					6	26					18	25						
		18	16-20 hrs	5	14	9	21					2	9					10	14						
		23	21-25 hrs	1	3	1	2					0	0					2	3						
		28	26-30 hrs	3	8	0	0					1	4					2	3						
		33	More than 30 hrs	3	8	2	5					2	9					6	8						
			Total			37	100	42	100					23	100					72	100				



# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions			
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
g. Providing care for dependents (children, parents, etc.)	tmcarehrs  <i>(Recoded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	32	84	38	90					18	82					67	94						
		3	1-5 hrs	3	8	3	7					1	5					3	4						
		8	6-10 hrs	1	3	0	0					2	9					1	1						
		13	11-15 hrs	0	0	0	0					0	0					0	0						
		18	16-20 hrs	1	3	1	2					0	0					0	0						
		23	21-25 hrs	0	0	0	0					0	0					0	0						
		28	26-30 hrs	0	0	0	0					0	0					0	0						
		33	More than 30 hrs	1	3	0	0					1	5					0	0						
		Total				38	100	42	100					22	100					71	100				
		h. Commuting to campus (driving, walking, etc.)	tmcommutehrs  <i>(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	9	24	9	21					7	30					15	21				
3	1-5 hrs			21	55	25	60					13	57					45	63						
8	6-10 hrs			6	16	6	14					2	9					10	14						
13	11-15 hrs			2	5	1	2					0	0					2	3						
18	16-20 hrs			0	0	1	2					0	0					0	0						
23	21-25 hrs			0	0	0	0					0	0					0	0						
28	26-30 hrs			0	0	0	0					0	0					0	0						
33	More than 30 hrs			0	0	0	0					1	4					0	0						
Total				38	100	42	100					23	100					72	100						

### 16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?

reading	1	Very little	3	8	6	14					1	5					25	36				
	2	Some	5	13	10	24					5	23					28	40				
	3	About half	8	21	10	24					10	45					11	16				
	4	Most	10	26	12	29					4	18					5	7				
	5	Almost all	12	32	4	10					2	9					1	1				
	Total			38	100	42	100					22	100					70	100			
tmreadinghrscol  <i>(Recoded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	0	0	0	0					0	0					0	0				
	3	More than 0, up to 5 hrs	10	26	14	33					6	27					38	54				
	8	More than 5, up to 10 hrs	11	29	18	43					11	50					22	31				
	13	More than 10, up to 15 hrs	5	13	5	12					1	5					5	7				
	18	More than 15, up to 20 hrs	7	18	2	5					4	18					3	4				
	23	More than 20, up to 25 hrs	2	5	3	7					0	0					1	1				
	28	More than 25 hrs	3	8	0	0					0	0					1	1				
	Total			38	100	42	100					22	100					70	100			

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>																							
a. Writing clearly and effectively	pgwrite	1	Very little	2	5	1	2					0	0					17	24				
		2	Some	10	27	9	21					4	17					18	25				
		3	Quite a bit	12	32	20	48					11	48					23	32				
		4	Very much	13	35	12	29					8	35					14	19				
			Total	37	100	42	100					23	100					72	100				
b. Speaking clearly and effectively	pgspeak	1	Very little	3	8	1	2					1	4					14	19				
		2	Some	11	30	8	19					3	13					18	25				
		3	Quite a bit	10	27	17	40					6	26					24	33				
		4	Very much	13	35	17	40					13	57					16	22				
			Total	37	100	43	100					23	100					72	100				
c. Thinking critically and analytically	pgthink	1	Very little	2	5	2	5					0	0					3	4				
		2	Some	2	5	2	5					0	0					8	11				
		3	Quite a bit	14	37	18	42					6	26					19	26				
		4	Very much	20	53	21	49					17	74					42	58				
			Total	38	100	43	100					23	100					72	100				
d. Analyzing numerical and statistical information	pganalyze	1	Very little	7	18	2	5					0	0					1	1				
		2	Some	14	37	6	14					0	0					4	6				
		3	Quite a bit	6	16	16	37					8	35					22	31				
		4	Very much	11	29	19	44					15	65					45	63				
			Total	38	100	43	100					23	100					72	100				
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	6	16	4	9					2	9					4	6				
		2	Some	10	26	11	26					2	9					15	21				
		3	Quite a bit	11	29	16	37					5	22					25	35				
		4	Very much	11	29	12	28					14	61					28	39				
			Total	38	100	43	100					23	100					72	100				
f. Working effectively with others	pgothers	1	Very little	3	8	1	2					1	4					4	6				
		2	Some	12	32	15	35					1	4					14	19				
		3	Quite a bit	15	39	16	37					8	35					29	40				
		4	Very much	8	21	11	26					13	57					25	35				
			Total	38	100	43	100					23	100					72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Frequency Distributions<sup>d</sup> by Related-Major Group

### Case Western Reserve University

## Seniors

Item wording or description	Variable name <sup>e</sup>	Values <sup>f</sup>	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
				Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	9	24	9	21					1	4					12	17				
		2	Some	8	21	8	19					6	26					28	39				
		3	Quite a bit	10	26	14	33					3	13					20	28				
		4	Very much	11	29	12	28					13	57					12	17				
		Total		38	100	43	100					23	100					72	100				
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	5	13	4	9					3	13					15	21				
		2	Some	7	18	11	26					4	17					19	26				
		3	Quite a bit	11	29	19	44					7	30					25	35				
		4	Very much	15	39	9	21					9	39					13	18				
		Total		38	100	43	100					23	100					72	100				
i. Solving complex real-world problems	pgprobsolve	1	Very little	6	16	3	7					1	4					3	4				
		2	Some	11	29	14	33					4	17					12	17				
		3	Quite a bit	13	34	18	42					9	39					28	39				
		4	Very much	8	21	8	19					9	39					29	40				
		Total		38	100	43	100					23	100					72	100				
j. Being an informed and active citizen	pgcitizen	1	Very little	9	24	7	17					2	9					20	28				
		2	Some	9	24	15	36					4	17					21	29				
		3	Quite a bit	9	24	13	31					13	57					24	33				
		4	Very much	11	29	7	17					4	17					7	10				
		Total		38	100	42	100					23	100					72	100				
<b>18. How would you evaluate your entire educational experience at this institution?</b>																							
	evalexp	1	Poor	2	5	0	0					0	0					3	4				
		2	Fair	9	24	5	12					1	5					6	8				
		3	Good	9	24	16	37					9	41					28	39				
		4	Excellent	18	47	22	51					12	55					35	49				
		Total			38	100	43	100					22	100				72	100				
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>																							
	sameinst	1	Definitely no	4	11	2	5					0	0					3	4				
		2	Probably no	8	21	7	17					2	9					9	13				
		3	Probably yes	8	21	13	31					12	55					32	44				
		4	Definitely yes	18	47	20	48					8	36					28	39				
		Total			38	100	42	100					22	100				72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	15	41	30	53							82	77	22	100					
		More than one	22	59	27	47								24	23	0	0				
		Total	37	100	57	100								106	100	22	100				
First major or expected first major, in NSSE's default related-major categories.  <i>(Does not reflect any customization made for the Major Field Report)</i>	MAJfirstcol  <i>(Recoded from MAJfirst.)</i>	Arts & Humanities	13	35	0	0							0	0	0	0					
		Biological Sci., Agriculture, & Natural Resources	0	0	32	56								0	0	0	0				
		Physical Sci., Mathematics, & Computer Science	0	0	24	42								12	11	0	0				
		Social Sciences	22	59	0	0								0	0	0	0				
		Business	0	0	0	0								0	0	0	0				
		Communications, Media, & Public Relations	0	0	0	0								0	0	0	0				
		Education	1	3	0	0								0	0	0	0				
		Engineering	0	0	0	0								94	89	0	0				
		Health Professions	0	0	1	2								0	0	22	100				
		Social Service Professions	0	0	0	0								0	0	0	0				
		All Other	1	3	0	0								0	0	0	0				
		Undecided, Undeclared	0	0	0	0								0	0	0	0				
		Total	37	100	57	100								106	100	22	100				
Second major or expected second major, in NSSE's default related-major categories.  <i>(Does not reflect any customization made for the Major Field Report)</i>	MAJsecondcol  <i>(Recoded from MAJsecond.)</i>	Arts & Humanities	5	23	5	19							5	21	0	0					
		Biological Sci., Agriculture, & Natural Resources	2	9	1	4								1	4	0	0				
		Physical Sci., Mathematics, & Computer Science	2	9	9	33								0	0	0	0				
		Social Sciences	9	41	9	33								4	17	0	0				
		Business	0	0	2	7								0	0	0	0				
		Communications, Media, & Public Relations	0	0	0	0								0	0	0	0				
		Education	0	0	0	0								0	0	0	0				
		Engineering	1	5	0	0								14	58	0	0				
		Health Professions	1	5	0	0								0	0	0	0				
		Social Service Professions	0	0	0	0								0	0	0	0				
		All Other	0	0	0	0								0	0	0	0				
		Undecided, Undeclared	2	9	1	4								0	0	0	0				
		Total	22	100	27	100								24	100	0	0				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Business		Education		Engineering		Health Professions		Social Svc Professions	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. What is your class level?	class	Freshman/First-year	36	100	57	100											102	96	22	100		
		Sophomore	0	0	0	0											4	4	0	0		
		Junior	0	0	0	0											0	0	0	0		
		Senior	0	0	0	0											0	0	0	0		
		Unclassified	0	0	0	0											0	0	0	0		
		Total	36	100	57	100											106	100	22	100		
22. Thinking about this current academic term, are you a full-time student?	fulltime	No	0	0	0	0										2	2	0	0			
		Yes	36	100	56	100										104	98	22	100			
		Total	36	100	56	100										106	100	22	100			
23a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	0											0	0	0	0			
		1	0	0	0	0										0	0	0	0			
		2	0	0	0	0										0	0	0	0			
		3	0	0	0	0										1	1	0	0			
		4	1	3	3	5										22	21	0	0			
		5	21	58	20	35										65	61	1	5			
		6	12	33	21	37										13	12	7	32			
		7 or more	2	6	13	23										5	5	14	64			
Total	36	100	57	100										106	100	22	100					
b. Of these, how many are entirely online ?	onlinenum	0	36	100	57	100										105	99	22	100			
		1	0	0	0	0										0	0	0	0			
		2	0	0	0	0										0	0	0	0			
		3	0	0	0	0										1	1	0	0			
		4	0	0	0	0										0	0	0	0			
		5	0	0	0	0										0	0	0	0			
		6	0	0	0	0										0	0	0	0			
		7 or more	0	0	0	0										0	0	0	0			
Total	36	100	57	100										106	100	22	100					
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum)	onlinecscol	No courses taken online	36	100	57	100										105	99	22	100			
		Some courses taken online	0	0	0	0										0	0	0	0			
		All courses taken online	0	0	0	0										1	1	0	0			
		Total	36	100	57	100										106	100	22	100			

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group

### Case Western Reserve University

#### First-Year Students

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	0	0									1	1	0	0		
		C	0	0	0	0									1	1	0	0		
		C+	0	0	0	0									6	6	0	0		
		B-	0	0	1	2									4	4	0	0		
		B	5	14	10	18									16	15	4	18		
		B+	5	14	3	5									18	17	2	9		
		A-	9	26	14	25									15	14	6	27		
		A	16	46	29	51									44	42	10	45		
Total	35	100	57	100									105	100	22	100				
25. Did you begin college at this institution or elsewhere?	begincol	Started here	34	97	55	96									103	98	22	100		
		Started elsewhere	1	3	2	4									2	2	0	0		
		Total	35	100	57	100									105	100	22	100		
26. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school	0	0	1	2									3	3	0	0		
	attend_com	Community or junior college	1	3	2	4									3	3	1	5		
	attend_col	4-year college or university other than this one	3	9	2	4									4	4	1	5		
	attend_none	None	30	86	50	88									95	91	20	91		
	attend_other	Other	1	3	2	4									0	0	0	0		
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's	0	0	2	4									1	1	0	0		
		Bachelor's degree	2	6	2	4									18	17	2	9		
		Master's degree	9	25	6	11									55	53	14	64		
		Doctoral or professional degree	25	69	47	82									30	29	6	27		
		Total	36	100	57	100									104	100	22	100		

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	0	0	0	0									1	1	0	0		
		High school diploma or G.E.D.	1	3	2	4									3	3	5	23		
		Attended college, but did not complete degree	3	8	2	4									3	3	0	0		
		Associate's degree (A.A., A.S., etc.)	1	3	3	5									3	3	2	9		
		Bachelor's degree (B.A., B.S., etc.)	6	17	14	25									35	33	6	27		
		Master's degree (M.A., M.S., etc.)	13	36	18	32									42	40	7	32		
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	12	33	18	32									18	17	2	9		
		Total	36	100	57	100									105	100	22	100		
First-generation status (No parent holds a bachelor's degree)	firstgen (Recoded from parented)	No	31	86	50	88									95	90	15	68		
		Yes	5	14	7	12									10	10	7	32		
		Total	36	100	57	100									105	100	22	100		
29. What is your gender identity?	genderid	Man	6	17	24	42									61	58	2	9		
		Woman	29	81	31	54									40	38	20	91		
		Another gender identity	1	3	2	4									1	1	0	0		
		I prefer not to respond	0	0	0	0									3	3	0	0		
		Total	36	100	57	100									105	100	22	100		
30. Enter your year of birth (e.g., 1994):	agecat	19 or younger	35	97	57	100									101	97	22	100		
		20-23	1	3	0	0									3	3	0	0		
		(Recoded from the information entered in birthyear)	0	0	0	0									0	0	0	0		
		24-29	0	0	0	0									0	0	0	0		
		30-39	0	0	0	0									0	0	0	0		
		40-55	0	0	0	0									0	0	0	0		
		Over 55	0	0	0	0									0	0	0	0		
Total	36	100	57	100									104	100	22	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
31a. Are you an international student?	internat	No	33	94	50	88									94	90	20	91		
		Yes	2	6	7	12									11	10	2	9		
		Total	35	100	57	100									105	100	22	100		
International student country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file. U.S. (domestic) students did not receive this question.	countrycol <i>(Recoded from country.)</i>	Africa Sub-Saharan	0	0	0	0									0	0	0	0		
		Asia	2	100	6	86									10	91	2	100		
		Canada	0	0	0	0									0	0	0	0		
		Europe	0	0	0	0									0	0	0	0		
		Latin America and Caribbean	0	0	0	0									1	9	0	0		
		Middle East and North Africa	0	0	1	14									0	0	0	0		
		Oceania	0	0	0	0									0	0	0	0		
		Unknown region/uncoded	0	0	0	0									0	0	0	0		
Total	2	100	7	100									11	100	2	100				
32. What is your racial or ethnic identification? (Select all that apply.)	re_amin re_asian re_black re_latino re_pacific re_white re_other re_pnr	American Indian or Alaska Native	0	0	0	0									0	0	0	0		
		Asian	11	31	15	26									30	29	6	27		
		Black or African American	4	11	5	9									4	4	1	5		
		Hispanic or Latino	3	8	5	9									6	6	1	5		
		Native Hawaiian/Other Pac. Islander	0	0	0	0									1	1	0	0		
		White	21	58	31	54									61	59	14	64		
		Other	2	6	1	2									3	3	0	0		
		I prefer not to respond	0	0	5	9									6	6	0	0		
Racial or ethnic identification	re_all <i>(Recoded from re_amin through re_pnr where each student is represented only once)</i>	American Indian or Alaska Native	0	0	0	0									0	0	0	0		
		Asian	9	25	14	25									28	27	6	27		
		Black or African American	3	8	4	7									3	3	1	5		
		Hispanic or Latino	2	6	2	4									3	3	1	5		
		Native Hawaiian/Other Pac. Islander	0	0	0	0									1	1	0	0		
		White	18	50	27	47									54	52	14	64		
		Other	1	3	0	0									2	2	0	0		
		Multiracial	3	8	5	9									7	7	0	0		
Total	36	100	57	100									104	100	22	100				
33. Are you a member of a social fraternity or sorority?	greek	No	31	86	35	61									72	69	16	76		
		Yes	5	14	22	39									33	31	5	24		
		Total	36	100	57	100									105	100	21	100		



# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
34. Which of the following best describes where you are living while attending college?	living	Dormitory or other campus housing (not fraternity or sorority house)	32	89	50	88									102	97	18	86		
		Fraternity or sorority house	0	0	0	0									0	0	0	0		
		Residence, <b>within</b> walking dist.	2	6	5	9									2	2	3	14		
		Residence, <b>farther than</b> walking dist.	1	3	2	4									1	1	0	0		
		None of the above	1	3	0	0									0	0	0	0		
		Total	36	100	57	100								105	100	21	100			
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	34	94	51	89								92	88	20	95			
		Yes	2	6	6	11								13	12	1	5			
		Total	36	100	57	100								105	100	21	100			
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	36	100	56	100								103	98	21	100			
		Yes	0	0	0	0								2	2	0	0			
		Total	36	100	56	100								105	100	21	100			
37a. Have you been diagnosed with any disability or impairment?	disability	No	33	92	51	89								93	89	20	91			
		Yes	3	8	5	9								8	8	2	9			
		I prefer not to respond	0	0	1	2									4	4	0	0		
		Total	36	100	57	100									105	100	22	100		
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment	0	0	0	0								1	13	0	0			
	dis_mobility	A mobility impairment	0	0	0	0								1	13	1	50			
	dis_learning	A learning disability	3	100	4	80								5	63	0	0			
	dis_mental	A mental health disorder	3	100	0	0								3	38	1	50			
	dis_other	A disability not listed	0	0	1	20								1	13	1	50			
Disability or impairment	disability_all	A sensory impairment	0	0	0	0								1	1	0	0			
		A mobility impairment	0	0	0	0								1	1	0	0			
	(Recoded from disability and	A learning disability	0	0	4	7								3	3	0	0			
	dis_sense	A mental health disorder	0	0	0	0								1	1	1	5			
	through	A disability not listed	0	0	1	2								0	0	0	0			
	dis_other where	More than one disability	3	8	0	0								2	2	1	5			
	each student is represented only once)	No disability or impairment	33	92	51	89								93	89	20	91			
	Prefer not to respond	0	0	1	2									4	4	0	0			
	Total	36	100	57	100									105	100	22	100			

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group Case Western Reserve University

### First-Year Students

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
38. Which of the following best describes your sexual orientation?  (Question administered per institution request)	sexorient14	Heterosexual	32	89	46	81										84	82	19	86		
		Gay	1	3	0	0										1	1	0	0		
		Lesbian	0	0	0	0										1	1	0	0		
		Bisexual	1	3	3	5										5	5	2	9		
		Another sexual orientation	0	0	2	4										0	0	0	0		
		Questioning or unsure	0	0	1	2										5	5	1	5		
		I prefer not to respond	2	6	5	9										7	7	0	0		
		Total		36	100	57	100									103	100	22	100		

### Institution-reported information

(Variables provided by your institution in your NSSE population file.)

Institution-reported sex	IRsex	Female	29	78	33	58									41	39	21	95			
		Male	8	22	24	42										65	61	1	5		
		Total	37	100	57	100										106	100	22	100		
Institution-reported race or ethnicity	IRrace	American Indian or Alaska Native	0	0	0	0									0	0	0	0			
		Asian	8	22	10	18									19	18	4	18			
		Black or African American	3	8	4	7									3	3	1	5			
		Hispanic or Latino	2	5	6	11									5	5	1	5			
		Native Hawaiian/Other Pac. Islander	0	0	0	0									0	0	0	0			
		White	19	51	29	51									60	57	14	64			
		Other	0	0	0	0									0	0	0	0			
		Foreign or nonresident alien	2	5	6	11									11	10	2	9			
		Two or more races/ethnicities	3	8	2	4									6	6	0	0			
Total		37	100	57	100									106	100	22	100				
Institution-reported class level	IRclass	Freshman/First-Year	37	100	57	100									106	100	22	100			
		Sophomore	0	0	0	0									0	0	0	0			
		Junior	0	0	0	0									0	0	0	0			
		Senior	0	0	0	0									0	0	0	0			
		Other	0	0	0	0									0	0	0	0			
Total		37	100	57	100									106	100	22	100				
Institution-reported first-time first-year (FTFY) status	IRftfy	No	1	3	0	0									0	0	0	0			
		Yes	36	97	57	100									106	100	22	100			
		Total	37	100	57	100									106	100	22	100			
Institution-reported enrollment status	IRenrollment	Not full-time	0	0	0	0									0	0	0	0			
		Full-time	37	100	57	100									106	100	22	100			
		Total	37	100	57	100									106	100	22	100			

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group Case Western Reserve University

### Seniors

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
20a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	18	47	33	77					20	87			60	83				
		More than one	20	53	10	23					3	13			12	17				
		Total	38	100	43	100					23	100			72	100				
First major or expected first major, in NSSE's default related-major categories.  (Does not reflect any customization made for the Major Field Report)	MAJfirstcol  (Recoded from MAJfirst.)	Arts & Humanities	8	21	0	0					0	0			0	0				
		Biological Sci., Agriculture, & Natural Resources	0	0	23	53					0	0			0	0				
		Physical Sci., Mathematics, & Computer Science	0	0	16	37					0	0			10	14				
		Social Sciences	26	68	0	0					5	22			0	0				
		Business	0	0	0	0					18	78			0	0				
		Communications, Media, & Public Relations	0	0	0	0					0	0			0	0				
		Education	2	5	0	0					0	0			0	0				
		Engineering	0	0	0	0					0	0			62	86				
		Health Professions	2	5	4	9					0	0			0	0				
		Social Service Professions	0	0	0	0					0	0			0	0				
		All Other	0	0	0	0					0	0			0	0				
		Undecided, Undeclared	0	0	0	0					0	0			0	0				
		Total	38	100	43	100					23	100			72	100				
Second major or expected second major, in NSSE's default related-major categories.  (Does not reflect any customization made for the Major Field Report)	MAJsecondcol  (Recoded from MAJsecond.)	Arts & Humanities	5	25	3	30					1	33			4	33				
		Biological Sci., Agriculture, & Natural Resources	5	25	2	20					0	0			0	0				
		Physical Sci., Mathematics, & Computer Science	2	10	2	20					0	0			0	0				
		Social Sciences	8	40	3	30					1	33			0	0				
		Business	0	0	0	0					1	33			0	0				
		Communications, Media, & Public Relations	0	0	0	0					0	0			0	0				
		Education	0	0	0	0					0	0			0	0				
		Engineering	0	0	0	0					0	0			8	67				
		Health Professions	0	0	0	0					0	0			0	0				
		Social Service Professions	0	0	0	0					0	0			0	0				
		All Other	0	0	0	0					0	0			0	0				
		Undecided, Undeclared	0	0	0	0					0	0			0	0				
		Total	20	100	10	100					3	100			12	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group

### Case Western Reserve University

#### Seniors

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
21. What is your class level?	class	Freshman/First-year	0	0	0	0					0	0			0	0				
		Sophomore	0	0	0	0					0	0			0	0				
		Junior	0	0	1	2					0	0			2	3				
		Senior	38	100	42	98					23	100			69	96				
		Unclassified	0	0	0	0					0	0			1	1				
		Total	38	100	43	100				23	100			72	100					
22. Thinking about this current academic term, are you a full-time student?	fulltime	No	3	8	1	2					1	4			5	7				
		Yes	34	92	42	98					22	96			66	93				
		Total	37	100	43	100					23	100			71	100				
23a. How many courses are you taking for credit this current academic term?	coursenum	0	0	0	0					0	0					4	6			
		1	2	5	0	0					0	0			1	1				
		2	3	8	0	0					1	4			0	0				
		3	1	3	2	5					2	9			3	4				
		4	11	29	16	37					5	22			23	32				
		5	14	37	15	35					6	26			26	36				
		6	3	8	8	19					6	26			10	14				
		7 or more	4	11	2	5					3	13			5	7				
		Total	38	100	43	100				23	100			72	100					
b. Of these, how many are entirely online ?	onlinenum	0	37	97	43	100					22	96			71	99				
		1	1	3	0	0					1	4			0	0				
		2	0	0	0	0					0	0			0	0				
		3	0	0	0	0					0	0			0	0				
		4	0	0	0	0					0	0			0	0				
		5	0	0	0	0					0	0			1	1				
		6	0	0	0	0					0	0			0	0				
		7 or more	0	0	0	0					0	0			0	0				
		Total	38	100	43	100				23	100			72	100					
Collapsed recode of courses taken online (Based on responses to coursenum and onlinenum)	onlinecrscol	No courses taken online	37	97	43	100					22	96			71	99				
		Some courses taken online	0	0	0	0					1	4			0	0				
		All courses taken online	1	3	0	0					0	0			1	1				
		Total	38	100	43	100					23	100			72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group

### Case Western Reserve University

#### Seniors

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your grades been up to now at this institution?	grades	C- or lower	0	0	0	0					0	0			0	0				
		C	0	0	2	5					0	0			2	3				
		C+	0	0	2	5					0	0			3	4				
		B-	1	3	1	2					0	0			4	6				
		B	4	11	6	14					5	22			21	29				
		B+	7	18	6	14					4	17			15	21				
		A-	9	24	8	19					4	17			9	13				
		A	17	45	18	42					10	43			18	25				
Total	38	100	43	100					23	100			72	100						
25. Did you begin college at this institution or elsewhere?	begincol	Started here	34	89	39	93					22	96			68	94				
		Started elsewhere	4	11	3	7					1	4			4	6				
		Total	38	100	42	100					23	100			72	100				
26. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc attend_com attend_col attend_none attend_other	Vocational or technical school	2	5	1	2					0	0			1	1				
		Community or junior college	3	8	2	5					3	13			2	3				
		4-year college or university other than this one	3	8	2	5					3	13			4	6				
		None	29	78	37	88					18	78			62	86				
		Other	2	5	1	2					0	0			3	4				
27. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's	0	0	0	0					0	0			0	0				
		Bachelor's degree	2	5	6	14					4	17			21	29				
		Master's degree	7	18	7	16					17	74			38	53				
		Doctoral or professional degree	29	76	30	70					2	9			13	18				
		Total	38	100	43	100					23	100			72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group

### Case Western Reserve University

#### Seniors

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	0	0	2	5					1	4			0	0				
		High school diploma or G.E.D.	3	8	2	5					2	9			5	7				
		Attended college, but did not complete degree	2	5	3	7					0	0			2	3				
		Associate's degree (A.A., A.S., etc.)	1	3	2	5					3	13			1	1				
		Bachelor's degree (B.A., B.S., etc.)	11	29	11	26					4	17			22	31				
		Master's degree (M.A., M.S., etc.)	8	21	10	24					9	39			17	24				
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	13	34	12	29					4	17			25	35				
		Total	38	100	42	100					23	100			72	100				
First-generation status (No parent holds a bachelor's degree)	firstgen (Recoded from parented)	No	32	84	33	79					17	74			64	89				
		Yes	6	16	9	21					6	26			8	11				
		Total	38	100	42	100					23	100			72	100				
29. What is your gender identity?	genderid	Man	17	45	16	37					15	65			49	68				
		Woman	21	55	27	63					8	35			22	31				
		Another gender identity	0	0	0	0					0	0			0	0				
		I prefer not to respond	0	0	0	0					0	0			1	1				
		Total	38	100	43	100					23	100			72	100				
30. Enter your year of birth (e.g., 1994):	agecat (Recoded from the information entered in birthyear)	19 or younger	0	0	0	0					0	0			0	0				
		20-23	34	92	40	93					21	95			69	96				
		24-29	2	5	2	5					1	5			3	4				
		30-39	0	0	1	2					0	0			0	0				
		40-55	1	3	0	0					0	0			0	0				
		Over 55	0	0	0	0					0	0			0	0				
		Total	37	100	43	100					22	100			72	100				

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group Case Western Reserve University

### Seniors

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
31a. Are you an international student?	internat	No	38	100	37	86					19	83			68	94					
		Yes	0	0	6	14					4	17			4	6					
		Total	38	100	43	100					23	100			72	100					
	International student country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file. U.S. (domestic) students did not receive this question.	countrycol <i>(Recoded from country.)</i>	Africa Sub-Saharan	0	0	0	0					0	0			0	0				
			Asia	0	0	4	67					4	100			3	75				
			Canada	0	0	0	0					0	0			0	0				
			Europe	0	0	2	33					0	0			0	0				
			Latin America and Caribbean	0	0	0	0					0	0			1	25				
			Middle East and North Africa	0	0	0	0					0	0			0	0				
Oceania			0	0	0	0					0	0			0	0					
Unknown region/uncoded			0	0	0	0					0	0			0	0					
Total	0	0	6	100					4	100			4	100							
32. What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	0	0	0	0					1	4			0	0					
	re_asian	Asian	6	16	13	30					7	30			12	17					
	re_black	Black or African American	1	3	1	2					1	4			1	1					
	re_latino	Hispanic or Latino	2	5	0	0					0	0			2	3					
	re_pacific	Native Hawaiian/Other Pac. Islander	1	3	1	2					0	0			0	0					
	re_white	White	29	76	27	63					12	52			58	81					
	re_other	Other	1	3	4	9					2	9			0	0					
	re_pnr	I prefer not to respond	1	3	1	2					0	0			1	1					
Racial or ethnic identification	re_all	American Indian or Alaska Native	0	0	0	0					1	4			0	0					
		Asian	5	13	11	26					7	30			12	17					
		Black or African American	1	3	1	2					1	4			1	1					
		Hispanic or Latino	1	3	0	0					0	0			0	0					
		Native Hawaiian/Other Pac. Islander	0	0	0	0					0	0			0	0					
		White	27	71	24	56					12	52			56	78					
		Other	1	3	2	5					2	9			0	0					
		Multiracial	2	5	4	9					0	0			2	3					
	I prefer not to respond	1	3	1	2					0	0			1	1						
	Total	38	100	43	100					23	100			72	100						
33. Are you a member of a social fraternity or sorority?	greek	No	19	50	25	58					12	52			37	51					
		Yes	19	50	18	42					11	48			35	49					
		Total	38	100	43	100					23	100			72	100					

# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group Case Western Reserve University

### Seniors

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
34. Which of the following best describes where you are living while attending college?	living	Dormitory or other campus housing (not fraternity or sorority house)	18	47	22	51					6	26			21	29				
		Fraternity or sorority house	5	13	5	12					4	17			19	26				
		Residence, <b>within</b> walking dist.	10	26	11	26					10	43			23	32				
		Residence, <b>farther than</b> walking dist.	5	13	4	9					2	9			8	11				
		None of the above	0	0	1	2					1	4			1	1				
		Total	38	100	43	100					23	100			72	100				
35. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	37	97	39	93					19	83			65	90				
		Yes	1	3	3	7					4	17			7	10				
		Total	38	100	42	100					23	100			72	100				
36. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	38	100	41	100					22	96			70	99				
		Yes	0	0	0	0					1	4			1	1				
		Total	38	100	41	100					23	100			71	100				
37a. Have you been diagnosed with any disability or impairment?	disability	No	35	92	40	95					21	95			60	83				
		Yes	3	8	1	2					1	5			11	15				
		I prefer not to respond	0	0	1	2					0	0			1	1				
		Total	38	100	42	100					22	100			72	100				
b. [If answered "yes"] Which of the following has been diagnosed? (Select all that apply.)	dis_sense	A sensory impairment	0	0	1	100				1	100			1	9					
	dis_mobility	A mobility impairment	0	0	0	0				0	0			0	0					
	dis_learning	A learning disability	2	67	0	0				0	0			5	45					
	dis_mental	A mental health disorder	0	0	1	100				0	0			6	55					
	dis_other	A disability not listed	1	33	0	0				0	0			2	18					
	Disability or impairment	disability_all	A sensory impairment	0	0	0	0				1	5			1	1				
		A mobility impairment	0	0	0	0				0	0			0	0					
		A learning disability	2	5	0	0				0	0			2	3					
		A mental health disorder	0	0	0	0				0	0			4	6					
		A disability not listed	1	3	0	0				0	0			1	1					
		More than one disability	0	0	1	2				0	0			3	4					
		No disability or impairment	35	92	40	95				21	95			60	83					
		Prefer not to respond	0	0	1	2				0	0			1	1					
	Total	38	100	42	100					22	100			72	100					



# NSSE 2015 Major Field Report, Part I: Within-Institution Comparisons

## Respondent Profile<sup>d</sup> by Related-Major Group Case Western Reserve University

### Seniors

Item wording or description	Variable name	Response options	A,H, & SS		Math and Natural Sci		(Category Not Used)		(Category Not Used)		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
38. Which of the following best describes your sexual orientation?  (Question administered per institution request)	sexorient14	Heterosexual	32	84	39	91					20	87			63	88				
		Gay	1	3	2	5					0	0			1	1				
		Lesbian	0	0	0	0					0	0			0	0				
		Bisexual	3	8	0	0					2	9			3	4				
		Another sexual orientation	1	3	0	0					0	0			0	0				
		Questioning or unsure	1	3	1	2					0	0			1	1				
		I prefer not to respond	0	0	1	2					1	4			4	6				
		Total		38	100	43	100					23	100			72	100			

### Institution-reported information

(Variables provided by your institution in your NSSE population file.)

Institution-reported sex	IRsex	Female	21	55	27	63					8	35			22	31				
		Male	17	45	16	37					15	65			50	69				
		Total	38	100	43	100					23	100			72	100				
Institution-reported race or ethnicity	IRrace	American Indian or Alaska Native	0	0	0	0					0	0			0	0				
		Asian	4	11	8	19					3	13			9	13				
		Black or African American	1	3	1	2					1	4			1	1				
		Hispanic or Latino	2	5	0	0					1	4			3	4				
		Native Hawaiian/Other Pac. Islander	0	0	0	0					0	0			0	0				
		White	25	66	22	51					10	43			49	68				
		Other	0	0	0	0					0	0			0	0				
		Foreign or nonresident alien	0	0	5	12					4	17			3	4				
		Two or more races/ethnicities	3	8	3	7					1	4			2	3				
Total		38	100	43	100					23	100			72	100					
Institution-reported class level	IRclass	Freshman/First-Year	0	0	0	0					0	0			0	0				
		Sophomore	0	0	0	0					0	0			0	0				
		Junior	0	0	0	0					0	0			0	0				
		Senior	38	100	43	100					23	100			72	100				
		Other	0	0	0	0					0	0			0	0				
Total		38	100	43	100					23	100			72	100					
Institution-reported first-time first-year (FTFY) status	IRftfy	No	38	100	43	100					23	100			72	100				
		Yes	0	0	0	0					0	0			0	0				
		Total	38	100	43	100					23	100			72	100				
Institution-reported enrollment status	IRenrollment	Not full-time	3	8	0	0					0	0			1	1				
		Full-time	35	92	43	100					23	100			71	99				
		Total	38	100	43	100					23	100			72	100				