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# NSSE 2016

## Frequencies and Statistical Comparisons

University of Houston-Downtown

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**Please note:** The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

# NSSE 2016 Frequencies and Statistical Comparisons

## About This Report

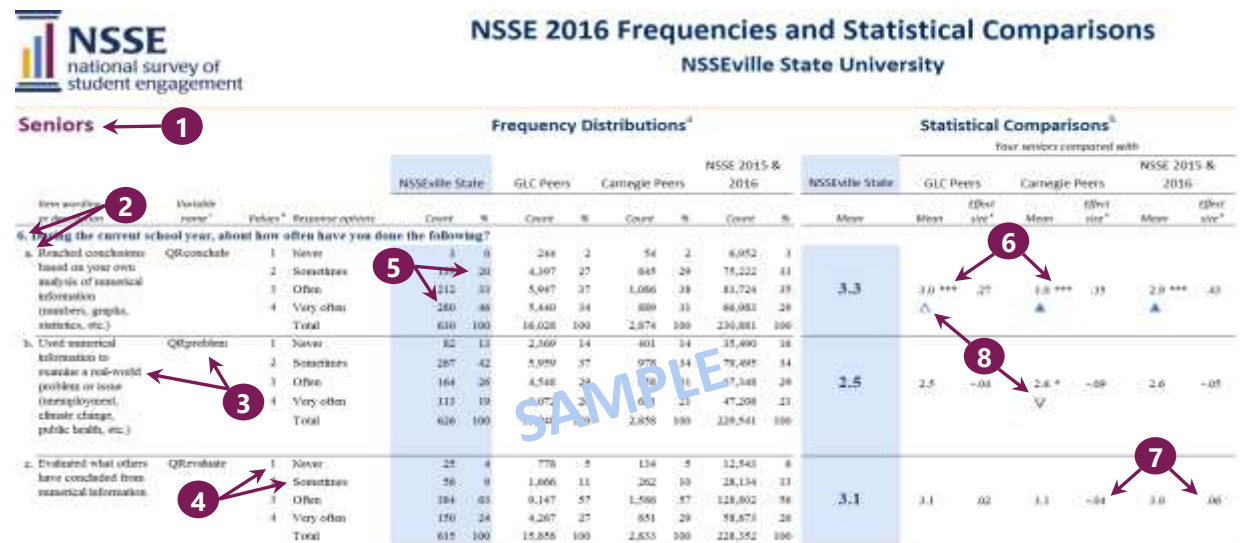
The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website ([nsse.indiana.edu](http://nsse.indiana.edu)) or contact a member of the NSSE team.

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.

- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

**Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: [nsse.indiana.edu/html/weighting.cfm](http://nsse.indiana.edu/html/weighting.cfm)

- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels ( $*p < .05$ ,  $**p < .01$ ,  $***p < .001$ ). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent *t*-tests. Exceptions are items 11 a-f which are compared using a *z*-test.



		Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>												
		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016		NSSEville State		GLC Peers		Carnegie Peers		NSSE 2015 & 2016						
Item #	Item Wording	Variable Name	Never	Sometimes	Often	Very often	Total	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>c</sup>	Mean	Effect size <sup>c</sup>	Mean	Effect size <sup>c</sup>
6	During the current school year, about how often have you done the following?	Q6conclude	1	2	3	4										3.3	3.0 ***	.27	3.0 ***	.33	2.9 ***	.43
	a. Reached conclusions based on your own analysis of statistical information (numbers, graphs, statistics, etc.)		82	287	164	113	636	82	13	287	42	164	26	113	19	3.3	2.5	.25	2.5	-.04	2.8 *	-.09
	b. Used numerical information to make a real-world problem or issue (unemployment, climate change, public health, etc.)		82	287	164	113	636	82	13	287	42	164	26	113	19	3.3	2.5	.25	2.5	-.04	2.8 *	-.09
	c. Evaluated what others have concluded from statistical information		28	76	184	150	638	28	4	76	11	184	29	150	24	3.1	3.1	.02	3.1	-.04	3.0	.00

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent *t*-tests use Cohen's *d*; *z*-tests use Cohen's *h*. Cohen's *d* is calculated by dividing the mean difference by the pooled standard deviation. Cohen's *h* is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

8. **Key to symbols:**

- ▲ **Your students' average** was significantly higher ( $p < .05$ ) with an effect size at least .3 in magnitude.
- △ **Your students' average** was significantly higher ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▽ **Your students' average** was significantly lower ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▼ **Your students' average** was significantly lower ( $p < .05$ ) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context.



# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<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	6	5	706	5	193	3	6,448	3	<b>2.7</b>	2.7	-.02	2.9 **	-.24	2.9 *	-.20		
		2	Sometimes	51	43	5,968	40	2,353	32	72,096	34									
		3	Often	36	30	5,187	34	2,807	37	76,241	35									
		4	Very often	24	22	3,352	22	2,201	28	59,596	28									
		Total		117	100	15,213	100	7,554	100	214,381	100									
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	9	6	2,745	19	1,021	13	33,325	16	<b>2.7</b>	2.5 ***	.29	2.6	.14	2.5 *	.21		
		2	Sometimes	41	36	5,028	34	2,565	34	73,668	34									
		3	Often	41	35	4,341	28	2,306	32	62,993	30									
		4	Very often	25	23	2,949	18	1,603	21	42,654	20									
		Total		116	100	15,063	100	7,495	100	212,640	100									
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	10	8	917	6	335	5	11,307	6	<b>3.0</b>	3.0	.06	3.1	-.08	3.0	-.02		
		2	Often	11	11	2,140	15	834	11	26,467	13									
		3	Sometimes	60	51	8,368	55	4,202	56	118,591	55									
		4	Never	33	29	3,557	23	2,078	28	55,195	26									
		Total		114	100	14,982	100	7,449	100	211,560	100									
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	52	45	5,467	37	2,605	38	73,402	38	<b>1.9</b>	2.0	-.05	2.0	-.03	2.0	-.03		
		2	Sometimes	33	28	5,733	39	2,842	37	81,867	38									
		3	Often	19	17	2,335	15	1,286	16	35,410	16									
		4	Very often	10	10	1,389	9	708	9	19,930	9									
		Total		114	100	14,924	100	7,441	100	210,609	100									
e. Asked another student to help you understand course material	CLaskhelp	1	Never	9	8	1,183	9	633	10	17,600	10	<b>2.7</b>	2.6	.09	2.6	.16	2.6	.13		
		2	Sometimes	42	39	5,561	38	2,894	39	79,624	39									
		3	Often	34	28	5,364	35	2,626	34	73,581	34									
		4	Very often	29	25	2,767	18	1,262	16	39,239	18									
		Total		114	100	14,875	100	7,415	100	210,044	100									
f. Explained course material to one or more students	CLexplain	1	Never	9	9	647	4	339	5	9,646	6	<b>2.6</b>	2.7	-.13	2.7	-.09	2.7	-.09		
		2	Sometimes	41	34	5,396	37	2,714	37	76,118	37									
		3	Often	48	42	5,811	39	2,972	39	82,717	38									
		4	Very often	16	15	2,946	20	1,379	18	40,615	19									
		Total		114	100	14,800	100	7,404	100	209,096	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	22	19	2,013	14	1,027	15	28,481	16	<b>2.5</b>	2.6	-.09	2.5	-.03	2.5	-.05
		2	Sometimes	38	33	5,097	35	2,641	36	72,418	35							
		3	Often	32	28	4,533	30	2,260	30	64,924	30							
		4	Very often	21	20	3,135	21	1,453	19	43,011	20							
		Total		113	100	14,778	100	7,381	100	208,834	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	6	5	1,059	8	571	9	14,929	9	<b>2.7</b>	2.7	.06	2.6	.12	2.6	.10
		2	Sometimes	45	42	5,406	38	2,780	38	78,361	38							
		3	Often	37	30	5,369	35	2,683	36	75,023	35							
		4	Very often	24	23	2,884	19	1,321	17	39,510	18							
		Total		112	100	14,718	100	7,355	100	207,823	100							
i. Given a course presentation	present	1	Never	10	9	3,219	24	1,153	17	36,012	19	<b>2.6</b>	2.2 *** ▲	.45	2.4 ** ▲	.26	2.3 *** ▲	.33
		2	Sometimes	47	40	6,488	43	3,118	42	91,388	43							
		3	Often	36	32	3,417	22	2,128	28	54,938	26							
		4	Very often	20	18	1,556	10	931	12	24,729	12							
		Total		113	100	14,680	100	7,330	100	207,067	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	3	2	1,136	8	544	8	13,883	7	<b>2.7</b>	2.6	.16	2.6	.15	2.6	.10
		2	Sometimes	46	42	5,612	40	2,838	39	77,112	38							
		3	Often	40	35	5,161	36	2,610	36	74,956	37							
		4	Very often	20	21	2,369	16	1,184	17	36,371	18							
		Total		109	100	14,278	100	7,176	100	202,322	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	12	11	1,424	11	646	10	16,184	9	<b>2.6</b>	2.5	.10	2.6	.05	2.6	.01
		2	Sometimes	36	34	5,552	39	2,776	38	75,910	38							
		3	Often	41	38	4,966	34	2,536	35	73,092	36							
		4	Very often	20	18	2,230	16	1,171	17	35,564	18							
		Total		109	100	14,172	100	7,129	100	200,750	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIDiverse	1	Never	7	6	1,577	12	738	11	18,715	10	<b>2.6</b>	2.5	.10	2.6	.08	2.6	.05
		2	Sometimes	45	42	5,366	39	2,754	38	76,627	38							
		3	Often	37	34	4,769	32	2,403	33	68,989	34							
		4	Very often	19	18	2,434	17	1,217	17	35,944	18							
		Total		108	100	14,146	100	7,112	100	200,275	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	4	3	724	5	323	5	9,312	5	<b>2.8</b>	2.8	.06	2.8	.03	2.8	.02
		2	Sometimes	37	34	4,599	33	2,320	32	63,891	32							
		3	Often	45	42	5,978	42	3,066	43	85,970	43							
		4	Very often	22	21	2,777	20	1,388	20	40,277	20							
		Total		108	100	14,078	100	7,097	100	199,450	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	3	3	496	4	239	4	6,539	4	<b>2.9</b>	2.9	.01	2.9	.02	2.9	.00
		2	Sometimes	33	30	3,991	29	2,073	29	56,298	28							
		3	Often	44	40	6,032	43	3,044	43	86,763	43							
		4	Very often	27	26	3,527	25	1,715	24	49,143	25							
		Total		107	100	14,046	100	7,071	100	198,743	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	3	2	445	3	191	3	5,810	3	<b>3.0</b>	2.8	.17	2.9	.14	2.9	.14
		2	Sometimes	29	28	4,383	32	2,197	32	59,925	31							
		3	Often	42	40	5,975	42	3,037	42	85,755	43							
		4	Very often	32	30	3,182	22	1,618	23	46,463	23							
		Total		106	100	13,985	100	7,043	100	197,953	100							
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	1	1	249	2	89	1	2,785	2	<b>3.0</b>	3.0	.01	3.0	-.03	3.1	-.06
		2	Sometimes	30	29	3,323	24	1,594	23	41,792	22							
		3	Often	42	39	6,335	45	3,227	45	91,552	46							
		4	Very often	32	31	4,016	29	2,099	30	60,951	31							
		Total		105	100	13,923	100	7,009	100	197,080	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	24	24	2,860	21	1,373	22	40,269	22	<b>2.3</b>	2.2	.06	2.2	.06	2.2	.08
		2	Sometimes	44	39	6,123	45	3,160	44	89,902	45							
		3	Often	22	21	3,297	23	1,623	22	44,595	22							
		4	Very often	16	16	1,632	11	871	12	22,452	11							
		Total		106	100	13,912	100	7,027	100	197,218	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	49	45	6,683	49	3,285	50	96,427	51	<b>2.0</b>	1.8	.16	1.8 *	.20	1.8	.22
		2	Sometimes	28	28	4,152	30	2,263	30	60,964	30							
		3	Often	15	12	2,008	14	951	13	26,119	13							
		4	Very often	14	14	1,033	8	498	7	13,061	7							
		Total		106	100	13,876	100	6,997	100	196,571	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	38	35	4,720	34	2,078	32	61,643	33	<b>2.1</b>	2.0	.08	2.0	.04	2.0	.08
		2	Sometimes	39	37	5,528	40	2,985	41	83,475	41							
		3	Often	15	14	2,498	18	1,332	19	35,729	18							
		4	Very often	14	14	1,097	8	585	8	15,297	8							
		Total		106	100	13,843	100	6,980	100	196,144	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	21	20	3,592	27	1,562	24	46,281	25	<b>2.3</b>	2.1 *	.26	2.2	.22	2.1 *	.24
		2	Sometimes	46	43	6,122	44	3,239	45	91,273	46							
		3	Often	22	20	2,865	20	1,531	21	40,733	20							
		4	Very often	17	17	1,233	9	643	9	17,508	9							
		Total		106	100	13,812	100	6,975	100	195,795	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	5	6	479	4	255	4	7,458	4	<b>3.0</b>	3.0	.00	2.9	.07	2.9	.05
		2	Some	19	19	3,232	24	1,785	26	48,230	25							
		3	Quite a bit	50	47	6,202	44	3,097	44	86,344	44							
		4	Very much	31	28	3,932	28	1,836	26	54,110	27							
		Total		105	100	13,845	100	6,973	100	196,142	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	2	2	555	4	231	4	6,621	4	<b>2.9</b>	2.9	.01	2.9	.02	3.0	-.02
		2	Some	32	31	3,473	25	1,782	26	46,216	24							
		3	Quite a bit	38	36	6,132	44	3,134	45	88,486	45							
		4	Very much	32	30	3,610	27	1,803	25	53,948	27							
		Total		104	100	13,770	100	6,950	100	195,271	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	2	2	560	4	277	4	6,932	4	<b>3.1</b>	2.9 *	.25	2.9 **	.27	3.0 *	.21
		2	Some	17	17	3,501	26	1,810	26	47,163	25							
		3	Quite a bit	47	45	5,868	43	2,987	44	84,116	43							
		4	Very much	38	35	3,756	27	1,841	26	56,110	29							
		Total		104	100	13,685	100	6,915	100	194,321	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	3	3	614	5	257	4	7,513	4	<b>3.2</b>	2.9 ***	.33	2.9 ***	.33	2.9 **	.30
		2	Some	16	16	3,563	27	1,859	27	49,625	26							
		3	Quite a bit	44	43	5,937	43	3,024	44	85,322	44							
		4	Very much	41	39	3,594	26	1,765	25	51,834	26							
		Total		104	100	13,708	100	6,905	100	194,294	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	2	2	632	5	268	4	8,269	5	<b>3.1</b>	2.9 *	.22	2.9 *	.22	2.9 *	.21
		2	Some	22	22	3,649	27	1,915	28	51,148	27							
		3	Quite a bit	46	43	5,903	43	3,000	43	83,982	43							
		4	Very much	34	33	3,491	25	1,716	25	50,465	26							
		Total		104	100	13,675	100	6,899	100	193,864	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	2	3	328	3	135	2	3,841	2	<b>3.1</b>	3.1	.04	3.1	.01	3.1	.02
		2	Some	23	24	2,660	19	1,244	18	36,037	19							
		3	Quite a bit	36	32	6,055	44	3,163	45	88,708	45							
		4	Very much	44	42	4,718	34	2,386	35	66,367	34							
		Total		105	100	13,761	100	6,928	100	194,953	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	6	6	522	4	212	3	5,675	3	<b>3.0</b>	3.0	.00	3.1	-.05	3.1	-.02
		2	Some	22	22	2,729	20	1,287	19	37,529	20							
		3	Quite a bit	36	33	6,083	44	3,123	44	89,503	45							
		4	Very much	40	39	4,392	32	2,293	34	61,832	32							
		Total		104	100	13,726	100	6,915	100	194,539	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	3	3	517	4	221	4	6,074	4	<b>3.1</b>	3.0	.06	3.1	.01	3.1	.04
		2	Some	26	26	2,929	21	1,287	19	39,452	21							
		3	Quite a bit	32	30	5,572	41	2,932	42	81,559	41							
		4	Very much	42	41	4,666	34	2,458	35	67,013	34							
		Total		103	100	13,684	100	6,898	100	194,098	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	6	6	1,151	9	430	7	13,792	8	<b>3.0</b>	2.8	.18	2.9	.05	2.9	.11
		2	Some	29	29	3,993	30	1,726	25	53,390	28							
		3	Quite a bit	29	28	4,838	35	2,623	38	70,998	36							
		4	Very much	41	37	3,716	26	2,124	30	55,837	29							
		Total		105	100	13,698	100	6,903	100	194,017	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	6	7	1,331	10	460	7	15,497	8	<b>2.9</b>	2.7	.17	2.8	.03	2.8	.10
		2	Some	30	30	4,350	32	1,914	28	58,083	30							
		3	Quite a bit	34	32	4,776	35	2,728	39	72,549	37							
		4	Very much	31	31	3,197	23	1,789	26	47,282	25							
		Total		101	100	13,654	100	6,891	100	193,411	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<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	7	6	1,603	11	871	13	24,579	12	<b>2.7</b>	2.6	.07	2.6	.14	2.6	.11	
		2	Sometimes	40	37	4,760	34	2,555	35	69,154	35								
		3	Often	40	40	4,862	36	2,388	35	67,913	35								
		4	Very often	17	17	2,483	19	1,106	17	32,823	18								
		Total		104	100	13,708	100	6,920	100	194,469	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	10	9	2,848	21	1,494	22	41,409	21	<b>2.6</b>	2.3 *	.25	2.3 **	.30	2.3 **	.28	
		2	Sometimes	44	41	5,252	38	2,774	39	77,303	39								
		3	Often	34	35	3,800	28	1,844	27	52,295	27								
		4	Very often	16	16	1,786	13	784	12	23,091	13								
		Total		104	100	13,686	100	6,896	100	194,098	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	17	14	2,759	20	1,488	22	39,175	20	<b>2.5</b>	2.3	.19	2.3 *	.25	2.3 *	.20	
		2	Sometimes	42	42	5,641	41	2,889	41	80,894	41								
		3	Often	26	25	3,680	27	1,806	27	52,686	27								
		4	Very often	18	19	1,567	12	695	10	20,831	11								
		Total		103	100	13,647	100	6,878	100	193,586	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	1	1	905	8	273	5	7,641	5	<b>5.7</b>	5.8	-.02	7.0 **	-.22	6.8 *	-.19	
		1.5	1-2	19	21	2,823	23	1,094	18	32,543	19								
		4	3-5	36	39	4,123	33	1,936	31	56,445	32								
		8	6-10	27	29	2,794	22	1,563	25	45,087	25								
		13	11-15	7	8	1,047	8	728	10	19,268	10								
		18	16-20	1	1	397	3	369	5	8,740	5								
		23	More than 20	2	2	428	4	396	6	9,271	5								
Total		93	100	12,517	100	6,359	100	178,995	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	26	29	5,230	44	1,963	32	55,643	34	<b>2.8</b>	1.9 *	.28	2.2	.20	2.2	.19	
		1.5	1-2	34	35	4,151	34	2,558	41	71,549	40								
		4	3-5	20	24	1,735	14	1,145	19	32,179	18								
		8	6-10	6	8	739	6	399	6	11,103	6								
		13	11-15	3	3	188	2	83	1	2,545	2								
		18	16-20	1	2	46	0	29	0	804	0								
		23	More than 20	0	0	62	1	19	0	768	1								
Total		90	100	12,151	100	6,196	100	174,591	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. 11 pages or more	wrlongnum	0	None	58	65	9,709	81	4,410	72	129,800	76	<b>1.4</b>	.8	.22	.9	.24	.9	.22	
	<i>(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)</i>	1.5	1-2	19	22	1,414	12	1,277	21	29,880	17								
		4	3-5	2	3	332	3	197	4	5,334	3								
		8	6-10	7	7	220	2	108	2	2,766	2								
		13	11-15	1	1	145	1	44	1	1,526	1								
		18	16-20	1	2	39	0	17	0	573	0								
		23	More than 20	0	0	71	1	21	0	825	1								
		Total			88	100	11,930	100	6,074	100	170,704	100							
Estimated number of assigned pages of student writing.	wrpages		<i>(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)</i>									<b>57.2</b>	43.5	.20	50.1	.12	49.2	.13	
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	8	7	722	6	381	7	8,338	5	<b>3.0</b>	3.1	-.12	2.9	.03	3.1	-.11	
		2	Sometimes	25	27	2,722	21	1,694	27	42,633	23								
		3	Often	27	27	3,918	31	1,916	29	55,452	31								
		4	Very often	37	39	5,281	42	2,415	36	74,044	41								
			Total	97	100	12,643	100	6,406	100	180,467	100								
b. People from an economic background other than your own	DDeconomic	1	Never	9	9	681	6	342	6	8,049	5	<b>2.9</b>	3.1	-.12	3.0	-.04	3.1	-.11	
		2	Sometimes	25	26	2,740	22	1,530	25	40,434	23								
		3	Often	26	28	4,305	34	2,235	34	62,680	34								
		4	Very often	37	38	4,878	39	2,288	35	68,760	38								
			Total	97	100	12,604	100	6,395	100	179,923	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	10	9	840	7	442	7	11,857	7	<b>2.9</b>	3.0	-.11	2.9	.00	3.0	-.08	
		2	Sometimes	28	29	3,020	24	1,812	28	46,156	25								
		3	Often	24	24	3,853	30	1,953	31	55,045	31								
		4	Very often	35	38	4,880	39	2,179	34	66,736	37								
			Total	97	100	12,593	100	6,386	100	179,794	100								
d. People with political views other than your own	DDpolitical	1	Never	7	7	831	7	431	7	11,474	7	<b>2.8</b>	3.0	-.18	2.9	-.12	3.0	-.15	
		2	Sometimes	36	39	2,993	24	1,647	26	46,128	25								
		3	Often	20	21	4,050	32	2,082	32	58,101	32								
		4	Very often	32	34	4,677	37	2,208	34	63,493	36								
			Total	95	100	12,551	100	6,368	100	179,196	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<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	0	0	255	2	111	2	2,823	2	<b>3.1</b>	3.0	.02	3.1	-.02	3.1	-.07	
		2	Sometimes	24	27	2,739	22	1,242	20	34,136	20								
		3	Often	40	41	5,607	45	2,951	46	79,802	44								
		4	Very often	33	32	3,915	31	2,052	31	62,195	34								
		Total		97	100	12,516	100	6,356	100	178,956	100								
b. Reviewed your notes after class	LSnotes	1	Never	2	2	585	5	294	5	8,446	5	<b>3.1</b>	2.9 *	.22	2.9	.18	2.9	.18	
		2	Sometimes	23	25	3,675	30	1,786	28	51,699	29								
		3	Often	31	33	4,279	34	2,227	36	60,977	34								
		4	Very often	41	39	3,958	30	2,035	31	57,441	32								
		Total		97	100	12,497	100	6,342	100	178,563	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	4	5	949	8	389	6	10,875	6	<b>2.8</b>	2.8	.05	2.8	.00	2.8	-.02	
		2	Sometimes	32	36	3,869	32	1,909	30	53,540	30								
		3	Often	31	31	4,316	35	2,377	38	64,848	37								
		4	Very often	26	28	3,271	25	1,633	25	47,811	27								
		Total		93	100	12,405	100	6,308	100	177,074	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	1	2	73	1	32	1	847	1	<b>5.6</b>	5.5	.10	5.5	.09	5.5	.06	
		2		0	0	132	1	64	1	1,651	1								
		3		4	5	392	3	225	4	5,276	3								
		4		7	9	1,343	11	655	11	17,653	10								
		5		27	27	4,181	34	2,021	32	58,141	32								
		6		31	31	3,519	28	1,896	29	54,458	30								
		7	Very much	27	27	2,843	22	1,443	23	40,482	23								
		Total		97	100	12,483	100	6,336	100	178,508	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		17	17	1,401	12	832	14	18,482	12	<b>12%</b>	8%	.11	9%	.08	9%	.10	
		Do not plan to do		5	6	584	5	309	6	7,283	5								
		Plan to do		64	66	9,445	75	4,602	70	136,893	75								
		Done or in progress		10	12	1,035	8	588	9	15,499	9								
		Total		96	100	12,465	100	6,331	100	178,157	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	29	29	3,266	26	1,771	28	47,901	27	<b>12%</b>	13%	-.02	12%	.01	12%	.01
			Do not plan to do	24	27	2,699	22	1,784	30	39,506	24							
			Plan to do	31	32	4,924	39	2,012	30	68,894	37							
			Done or in progress	11	12	1,545	13	749	12	21,223	12							
			Total	95	100	12,434	100	6,316	100	177,524	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	24	23	3,745	30	2,284	35	56,319	31	<b>20%</b>	14%	.15	10% **	.29	15%	.14
			Do not plan to do	18	20	3,005	24	1,711	29	46,252	27							
			Plan to do	33	37	3,942	31	1,686	26	48,231	27							
			Done or in progress	19	20	1,704	14	614	10	26,305	15							
			Total	94	100	12,396	100	6,295	100	177,107	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	27	27	3,413	28	1,895	30	48,240	28	<b>13%</b>	4% ***	.33	3% ***	.38	4% ***	.35
			Do not plan to do	19	20	3,150	26	1,936	32	45,456	28							
			Plan to do	39	41	5,334	42	2,270	34	77,152	41							
			Done or in progress	11	13	504	4	193	3	6,172	4							
			Total	96	100	12,401	100	6,294	100	177,020	100							
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	32	32	4,304	34	2,440	38	66,211	37	<b>11%</b>	6% *	.19	5% **	.24	5% *	.21
			Do not plan to do	20	21	3,036	24	1,568	26	40,059	23							
			Plan to do	33	36	4,288	36	1,963	32	60,733	34							
			Done or in progress	10	11	740	6	307	5	9,468	5							
			Total	95	100	12,368	100	6,278	100	176,471	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	33	33	4,003	33	1,912	31	53,731	31	<b>7%</b>	3%	.16	3%	.17	3% *	.19
			Do not plan to do	11	12	1,327	11	656	12	16,664	10							
			Plan to do	45	49	6,637	53	3,537	54	101,559	55							
			Done or in progress	6	7	379	3	172	3	4,576	3							
			Total	95	100	12,346	100	6,277	100	176,530	100							

#### 12. About how many of your courses at this institution have included a community-based project (service-learning)?

	servcourse	1 None	20	23	5,504	45	2,415	40	81,279	48	<b>2.1</b>	1.7 ***	.57	1.7 ***	.48	1.6 ***	.62
		2 Some	57	55	5,648	45	3,191	50	79,335	44							
		3 Most	15	16	981	8	574	9	12,873	7							
		4 All	4	6	200	2	90	2	2,481	2							
		Total	96	100	12,333	100	6,270	100	175,968	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	Q1student	1	Poor	2	2	213	2	89	2	2,752	2	<b>5.6</b>	5.4	.08	5.5	.05	5.5	.05	
		2		0	0	273	2	140	2	3,598	2								
		3		3	3	639	5	319	5	8,350	5								
		4		15	16	1,560	12	692	11	19,135	11								
		5		25	26	3,059	24	1,555	25	43,045	24								
		6		17	17	3,190	26	1,621	25	49,924	28								
		7	Excellent	31	33	3,402	27	1,827	29	49,424	27								
		—	Not applicable	3	4	91	1	48	1	1,181	1								
			Total	96	100	12,427	100	6,291	100	177,409	100								
b. Academic advisors	Q1advisor	1	Poor	8	7	437	4	199	4	6,322	4	<b>5.0</b>	5.2	-.13	5.2	-.14	5.2	-.13	
		2		2	2	616	5	311	5	8,543	5								
		3		9	9	1,026	8	526	9	13,778	8								
		4		18	21	1,726	14	757	12	23,190	13								
		5		13	15	2,380	19	1,216	19	34,823	19								
		6		14	13	2,584	21	1,324	20	37,962	21								
		7	Excellent	28	29	3,461	28	1,838	29	48,863	28								
		—	Not applicable	3	4	176	2	116	2	3,569	2								
			Total	95	100	12,406	100	6,287	100	177,050	100								
c. Faculty	Q1faculty	1	Poor	2	2	338	3	96	2	3,339	2	<b>5.1</b>	5.2	-.06	5.4	-.22	5.3	-.13	
		2		7	8	482	4	170	3	5,114	3								
		3		4	4	912	7	328	5	10,455	6								
		4		18	20	1,676	14	706	12	23,095	13								
		5		15	17	3,003	24	1,496	23	44,032	25								
		6		22	22	3,215	26	1,785	28	49,637	27								
		7	Excellent	23	24	2,588	21	1,627	26	38,960	22								
		—	Not applicable	4	4	134	1	57	1	1,668	1								
			Total	95	100	12,348	100	6,265	100	176,300	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Student services staff (career services, student activities, housing, etc.)	Qlstaff	1	Poor	9	9	585	5	275	5	7,546	5	<b>4.8</b>	5.0	-.14	5.0	-.15	5.0	-.13	
		2		10	9	631	5	275	5	8,054	5								
		3		5	5	901	7	433	7	12,536	7								
		4		10	13	1,645	13	762	12	23,754	13								
		5		14	15	2,529	20	1,213	19	36,526	20								
		6		16	16	2,640	22	1,384	21	38,079	21								
		7	Excellent	24	24	2,463	20	1,237	20	34,253	19								
		—	Not applicable	8	9	969	8	681	12	15,750	11								
Total				96	100	12,363	100	6,260	100	176,498	100								
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	4	5	639	5	228	4	8,010	5	<b>4.8</b>	4.9	-.08	5.1	-.21	4.9	-.10	
		2		9	7	711	6	296	5	9,404	5								
		3		11	12	1,018	8	486	8	14,170	8								
		4		16	19	1,884	16	840	13	25,700	14								
		5		12	14	2,633	21	1,324	21	37,440	21								
		6		15	15	2,510	20	1,434	22	37,011	20								
		7	Excellent	23	23	2,345	19	1,417	23	33,586	19								
		—	Not applicable	4	5	647	6	248	4	11,420	7								
Total				94	100	12,387	100	6,273	100	176,741	100								
<b>14. How much does your institution emphasize the following?</b>																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	3	4	224	2	81	2	2,611	2	<b>3.1</b>	3.1	-.03	3.2	-.05	3.2	-.07	
		2	Some	15	18	2,017	18	1,001	18	25,589	16								
		3	Quite a bit	35	40	5,171	44	2,677	45	75,139	45								
		4	Very much	38	38	4,228	36	2,184	36	64,122	37								
		Total				91	100	11,640	100	5,943	100								167,461
b. Providing support to help students succeed academically	SEacademic	1	Very little	5	6	419	4	180	4	5,451	4	<b>3.1</b>	3.1	-.02	3.1	-.04	3.1	-.03	
		2	Some	16	21	2,258	20	1,075	19	30,683	19								
		3	Quite a bit	32	36	4,607	40	2,435	41	68,154	41								
		4	Very much	38	38	4,252	36	2,208	36	61,818	36								
		Total				91	100	11,536	100	5,898	100								166,106
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	8	10	575	5	279	5	8,175	5	<b>3.1</b>	3.1	-.05	3.1	-.03	3.1	-.02	
		2	Some	14	18	1,922	17	950	17	27,456	17								
		3	Quite a bit	18	22	4,058	36	2,177	37	60,316	37								
		4	Very much	49	49	4,975	42	2,489	41	70,043	41								
		Total				89	100	11,530	100	5,895	100								165,990

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	8	9	1,162	10	650	12	17,946	11	<b>3.0</b>	2.8 *	.25	2.7 **	.31	2.8 **	.28
		2	Some	15	18	3,198	28	1,655	29	46,776	28							
		3	Quite a bit	28	32	3,913	34	2,026	34	56,101	34							
		4	Very much	38	40	3,265	28	1,566	26	45,266	27							
		Total		89	100	11,538	100	5,897	100	166,089	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	7	7	608	5	310	6	8,782	6	<b>3.0</b>	3.0	-.07	2.9	.01	3.0	-.04
		2	Some	21	26	2,464	22	1,327	25	35,479	22							
		3	Quite a bit	27	30	4,409	39	2,333	39	64,243	38							
		4	Very much	35	36	4,038	34	1,922	31	57,375	33							
		Total		90	100	11,519	100	5,892	100	165,879	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	12	13	711	6	358	7	10,509	7	<b>2.8</b>	3.0	-.18	2.9	-.11	3.0	-.14
		2	Some	19	24	2,559	22	1,385	25	36,458	23							
		3	Quite a bit	25	29	4,296	38	2,288	38	63,510	38							
		4	Very much	32	34	3,928	34	1,849	31	55,068	32							
		Total		88	100	11,494	100	5,880	100	165,545	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	12	13	2,234	20	1,199	21	33,576	21	<b>2.7</b>	2.4 **	.30	2.4 **	.36	2.4 **	.34
		2	Some	25	29	3,818	34	2,079	35	58,121	35							
		3	Quite a bit	25	31	3,465	30	1,671	28	46,850	28							
		4	Very much	25	27	1,979	16	918	16	26,909	16							
		Total		87	100	11,496	100	5,867	100	165,456	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	13	16	798	7	416	8	13,107	10	<b>2.7</b>	2.9 *	-.27	2.9	-.18	2.9	-.16
		2	Some	24	30	2,636	23	1,420	26	38,805	24							
		3	Quite a bit	18	21	4,329	38	2,224	37	62,362	37							
		4	Very much	31	33	3,699	32	1,800	29	50,803	29							
		Total		86	100	11,462	100	5,860	100	165,077	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	10	13	1,616	14	746	14	22,766	15	<b>2.8</b>	2.6 *	.25	2.6 *	.26	2.6 **	.28
		2	Some	22	26	3,674	33	1,927	34	53,313	33							
		3	Quite a bit	21	25	3,700	32	1,931	32	54,212	32							
		4	Very much	33	36	2,423	21	1,237	20	34,417	20							
		Total		86	100	11,413	100	5,841	100	164,708	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<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	78	1	19	0	782	1	<b>12.9</b>	13.6	-.09	13.1	-.04	14.3	-.17	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	17	1,805	16	939	18	21,509	14								
	8	6-10 hrs	24	28	2,949	26	1,470	25	38,387	24									
	13	11-15 hrs	19	22	2,510	22	1,292	21	36,134	22									
	18	16-20 hrs	14	15	1,910	16	993	16	30,818	18									
	23	21-25 hrs	9	11	1,116	10	600	9	18,619	11									
	28	26-30 hrs	4	4	549	5	292	5	9,899	6									
	33	More than 30 hrs	2	3	587	5	271	4	9,492	6									
	Total			88	100	11,504	100	5,876	100	165,640	100								
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcurrhrs	0	0 hrs	41	47	3,809	33	2,028	39	50,444	34	<b>4.9</b>	5.6	-.10	5.1	-.04	5.5	-.08	
	(Recorded version of tmcurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	21	21	3,603	31	1,891	31	55,678	32								
	8	6-10 hrs	10	12	1,905	17	808	13	27,300	16									
	13	11-15 hrs	9	12	1,037	9	500	8	14,771	9									
	18	16-20 hrs	3	3	591	5	320	5	8,840	5									
	23	21-25 hrs	2	3	255	2	152	2	4,005	2									
	28	26-30 hrs	0	0	108	1	64	1	1,531	1									
	33	More than 30 hrs	1	2	144	1	78	1	2,073	1									
	Total			87	100	11,452	100	5,841	100	164,642	100								
c. Working for pay on campus	tmworkonhrs	0	0 hrs	70	79	9,329	82	4,345	75	126,867	79	<b>2.8</b>	2.5	.05	2.6	.03	2.4	.07	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	4	283	3	374	5	8,058	4								
	8	6-10 hrs	2	3	448	4	565	9	13,697	7									
	13	11-15 hrs	4	6	522	4	283	5	8,372	5									
	18	16-20 hrs	4	5	604	5	184	3	5,424	3									
	23	21-25 hrs	2	3	170	1	56	1	1,456	1									
	28	26-30 hrs	0	0	46	0	21	0	492	0									
	33	More than 30 hrs	0	0	58	1	32	1	732	1									
	Total			85	100	11,460	100	5,860	100	165,098	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	42	46	7,716	69	3,619	60	113,952	67	<b>10.4</b>	5.2 ***	.55	7.5 *	.25	5.7 ***	.47
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	5	560	5	302	5	8,162	5							
		8	6-10 hrs	5	7	553	5	319	5	8,761	5							
		13	11-15 hrs	5	8	551	5	320	5	8,151	5							
		18	16-20 hrs	9	10	739	6	372	7	8,681	5							
		23	21-25 hrs	6	7	571	5	320	6	5,911	4							
		28	26-30 hrs	3	4	330	3	184	3	3,612	2							
		33	More than 30 hrs	10	12	410	4	404	9	7,275	6							
		Total			85	100	11,430	100	5,840	100	164,505	100						
Estimated number of hours working for pay	tmworkhrs											<b>12.5</b>	7.6 **	.43	10.1	.20	8.0 **	.40
	(Continuous variable created by NSSE)																	
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	37	45	5,762	52	3,093	54	90,231	56	<b>4.2</b>	2.9	.24	2.6 *	.34	2.5 *	.35
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	30	32	3,854	33	1,993	33	54,260	32							
		8	6-10 hrs	6	7	888	8	408	7	10,347	6							
		13	11-15 hrs	6	8	412	4	160	3	4,367	3							
		18	16-20 hrs	5	6	219	2	84	2	2,379	2							
		23	21-25 hrs	1	2	123	1	40	1	1,066	1							
		28	26-30 hrs	0	0	35	0	15	0	404	0							
		33	More than 30 hrs	0	0	55	1	16	0	661	0							
		Total			85	100	11,348	100	5,809	100	163,715	100						
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	5	6	247	2	123	3	2,996	2	<b>9.6</b>	12.0 **	-.28	11.5 *	-.23	12.1 **	-.30
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	28	29	2,713	23	1,436	25	35,677	22							
		8	6-10 hrs	21	23	3,115	27	1,625	27	45,573	27							
		13	11-15 hrs	22	27	2,265	20	1,128	18	33,726	20							
		18	16-20 hrs	7	8	1,404	13	743	13	21,609	13							
		23	21-25 hrs	2	3	720	6	317	5	10,715	7							
		28	26-30 hrs	0	0	329	3	164	3	4,891	3							
		33	More than 30 hrs	3	3	639	6	293	5	9,171	6							
		Total			88	100	11,432	100	5,829	100	164,358	100						

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016				
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
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	44	50	8,415	74	4,188	69	124,912	73	<b>6.8</b>	▲	2.7 ***	.62	▲	3.8 **	.36	▲	3.3 **	.45
		3	1-5 hrs	16	17	1,340	12	739	13	17,310	11										
		8	6-10 hrs	4	4	605	5	284	5	7,394	5										
		13	11-15 hrs	11	15	390	3	177	3	4,363	3										
		18	16-20 hrs	0	0	227	2	94	2	2,794	2										
		23	21-25 hrs	3	3	117	1	60	1	1,478	1										
		28	26-30 hrs	0	0	56	1	33	1	815	1										
		33	More than 30 hrs	9	10	252	2	243	5	5,036	4										
			Total			87	100	11,402	100	5,818	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	9	11	3,315	30	2,456	37	71,711	41	<b>7.3</b>	▲	4.7 ***	.43	▲	4.0 ***	.55	▲	3.8 ***	.62
		3	1-5 hrs	40	45	5,054	43	2,257	42	60,597	37										
		8	6-10 hrs	17	18	1,747	15	633	12	18,538	12										
		13	11-15 hrs	11	14	615	5	231	4	6,785	5										
		18	16-20 hrs	8	9	346	3	104	2	3,357	2										
		23	21-25 hrs	2	3	136	1	57	1	1,422	1										
		28	26-30 hrs	0	0	65	1	25	0	662	0										
		33	More than 30 hrs	1	2	167	1	83	2	1,692	1										
	Total			88	100	11,445	100	5,846	100	164,764	100										
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																					
	tmreadinghrs <i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>	1	Very little	8	9	1,457	13	604	11	17,671	11	<b>3.1</b>	▲	2.7 ***	.40	▲	2.8 *	.23	▲	2.8 *	.26
		2	Some	21	25	3,833	35	1,763	30	50,968	32										
		3	About half	28	30	3,465	30	1,819	32	49,135	30										
		4	Most	16	19	1,960	17	1,195	20	33,954	20										
		5	Almost all	15	17	706	5	460	8	12,635	7										
			Total			88	100	11,421	100	5,841	100										
											<b>7.2</b>		6.0	.20		6.4	.14		6.7	.07	

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016				
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	tmreadinghrscol	1	0 hrs	0	0	73	1	17	0	719	1								
		2	More than zero, up to 5 hrs	43	49	6,180	55	2,950	53	78,661	50								
		3	More than 5, up to 10 hrs	20	23	3,193	28	1,704	28	49,052	29								
		4	More than 10, up to 15 hrs	15	17	940	8	560	9	17,578	10								
		5	More than 15, up to 20 hrs	6	6	501	4	297	5	9,038	5								
		6	More than 20, up to 25 hrs	1	1	325	3	192	3	6,118	3								
		7	More than 25 hrs	3	4	148	1	88	1	2,411	1								
		Total		88	100	11,360	100	5,808	100	163,577	100								

#### 17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

a. Writing clearly and effectively	pgwrite	1	Very little	1	1	957	9	318	6	11,764	8	<b>3.2</b>	▲	2.8 ***	.40	▲	2.9 **	.29	▲	2.9 ***	.34
		2	Some	15	18	2,992	27	1,469	24	42,606	26										
		3	Quite a bit	38	46	4,609	40	2,501	43	67,689	41										
		4	Very much	32	35	2,853	24	1,538	27	42,458	26										
		Total		86	100	11,411	100	5,826	100	164,517	100										
b. Speaking clearly and effectively	pgspeak	1	Very little	5	6	1,274	12	515	9	17,594	11	<b>2.9</b>	▲	2.7 *	.25	▲	2.7	.17	▲	2.7 *	.22
		2	Some	22	27	3,421	30	1,747	30	49,723	30										
		3	Quite a bit	36	40	4,258	37	2,266	39	61,053	37										
		4	Very much	24	28	2,424	21	1,264	22	35,629	22										
		Total		87	100	11,377	100	5,792	100	163,999	100										
c. Thinking critically and analytically	pgthink	1	Very little	1	1	396	4	195	4	5,352	4	<b>3.2</b>	▲	3.1	.16	▲	3.1	.13	▲	3.1	.12
		2	Some	16	20	2,300	21	1,098	19	30,569	19										
		3	Quite a bit	33	39	4,880	43	2,535	43	70,891	43										
		4	Very much	36	40	3,800	33	1,981	34	57,227	35										
		Total		86	100	11,376	100	5,809	100	164,039	100										
d. Analyzing numerical and statistical information	pganalyze	1	Very little	6	6	1,331	11	811	13	23,610	14	<b>2.9</b>	▲	2.7 *	.26	▲	2.6 **	.34	▲	2.6 **	.32
		2	Some	22	29	3,604	31	1,899	32	51,888	31										
		3	Quite a bit	30	31	3,986	35	2,008	35	54,923	34										
		4	Very much	28	34	2,454	22	1,082	19	33,429	21										
		Total		86	100	11,375	100	5,800	100	163,850	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	7	7	1,642	15	705	13	21,818	14	<b>2.7</b>	2.6	.17	2.6	.13	2.6	.14
		2	Some	32	37	3,684	32	1,865	32	51,736	31							
		3	Quite a bit	25	30	3,728	33	1,997	33	55,015	33							
		4	Very much	22	26	2,319	20	1,238	21	35,389	21							
		Total		86	100	11,373	100	5,805	100	163,958	100							
f. Working effectively with others	pgothers	1	Very little	5	4	789	8	363	7	10,911	7	<b>3.0</b>	2.8	.21	2.8 *	.22	2.8 *	.21
		2	Some	20	26	3,062	27	1,605	28	44,090	27							
		3	Quite a bit	30	33	4,435	39	2,345	40	65,599	39							
		4	Very much	32	37	3,072	27	1,486	25	43,116	26							
		Total		87	100	11,358	100	5,799	100	163,716	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	6	7	1,402	13	607	11	18,571	13	<b>3.0</b>	2.7 **	.34	2.7 **	.31	2.7 **	.31
		2	Some	17	21	3,253	29	1,680	30	45,933	28							
		3	Quite a bit	34	38	4,028	35	2,080	35	58,658	35							
		4	Very much	30	35	2,664	23	1,418	24	40,623	24							
		Total		87	100	11,347	100	5,785	100	163,785	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	2	2	1,084	10	602	11	16,736	11	<b>3.0</b>	2.8 **	.27	2.8 **	.30	2.8 **	.29
		2	Some	22	27	2,979	27	1,627	28	46,099	28							
		3	Quite a bit	31	35	4,179	36	2,099	35	57,928	35							
		4	Very much	31	36	3,106	27	1,476	26	43,080	26							
		Total		86	100	11,348	100	5,804	100	163,843	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	5	6	1,410	13	711	13	19,533	12	<b>2.9</b>	2.6 **	.28	2.6 **	.29	2.6 *	.26
		2	Some	26	31	3,741	33	1,964	34	53,639	33							
		3	Quite a bit	29	33	3,843	33	1,986	34	56,711	34							
		4	Very much	27	30	2,341	21	1,144	20	33,823	21							
		Total		87	100	11,335	100	5,805	100	163,706	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	4	5	1,374	13	760	14	20,760	13	<b>2.9</b>	2.6 *	.27	2.6 **	.31	2.6 **	.29
		2	Some	30	34	3,548	31	1,911	33	52,012	32							
		3	Quite a bit	23	27	3,908	34	1,934	33	55,574	34							
		4	Very much	29	34	2,485	22	1,168	21	34,752	21							
		Total		86	100	11,315	100	5,773	100	163,098	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### First-Year Students

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your first-year students compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	1	2	191	2	101	2	2,893	2	<b>3.1</b>	3.2	-.14	3.2	-.13	3.2	-.13	
		2	Fair	15	19	1,380	12	688	13	19,032	12								
		3	Good	42	46	5,654	49	2,804	48	79,741	49								
		4	Excellent	29	33	4,180	37	2,234	37	62,917	37								
			Total	87	100	11,405	100	5,827	100	164,583	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	2	3	385	3	240	4	6,155	4	<b>3.3</b>	3.2	.03	3.2	.08	3.2	.05	
		2	Probably no	10	13	1,417	12	750	13	20,007	12								
		3	Probably yes	36	42	4,798	43	2,448	43	67,956	42								
		4	Definitely yes	39	43	4,814	42	2,396	40	70,662	42								
			Total	87	100	11,414	100	5,834	100	164,780	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<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	14	3	725	4	134	2	5,905	2	<b>3.1</b>	3.0 *	.08	3.3 ***	-.18	3.2	-.06	
		2	Sometimes	154	27	6,115	27	1,686	19	61,128	23								
		3	Often	159	28	7,287	32	2,865	32	84,827	31								
		4	Very often	252	42	8,789	37	4,371	48	120,583	43								
		Total		579	100	22,916	100	9,056	100	272,443	100								
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	76	13	4,501	20	1,602	17	54,936	20	<b>2.7</b>	2.5 ***	.27	2.5 ***	.19	2.4 ***	.28	
		2	Sometimes	159	29	7,692	34	3,121	34	94,069	34								
		3	Often	160	28	5,976	26	2,382	27	68,188	25								
		4	Very often	177	29	4,522	20	1,885	22	52,938	20								
		Total		572	100	22,691	100	8,990	100	270,131	100								
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	26	5	1,556	7	513	6	17,131	7	<b>3.1</b>	3.0 ***	.22	3.1 *	.10	3.0 ***	.19	
		2	Often	51	9	3,250	14	1,045	11	37,020	14								
		3	Sometimes	299	53	12,170	53	4,899	54	146,064	54								
		4	Never	190	33	5,607	25	2,492	29	68,666	26								
		Total		566	100	22,583	100	8,949	100	268,881	100								
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	322	57	10,597	48	3,550	43	112,399	44	<b>1.6</b>	1.8 ***	-.17	1.9 ***	-.28	1.8 ***	-.24	
		2	Sometimes	163	29	7,758	34	3,231	35	98,081	36								
		3	Often	55	10	2,510	11	1,272	13	34,239	12								
		4	Very often	24	4	1,624	7	879	9	22,935	8								
		Total		564	100	22,489	100	8,932	100	267,654	100								
e. Asked another student to help you understand course material	CLaskhelp	1	Never	94	17	3,049	15	1,027	13	35,799	15	<b>2.3</b>	2.4 ***	-.15	2.4 ***	-.15	2.4 **	-.13	
		2	Sometimes	281	50	9,679	43	3,931	45	116,289	44								
		3	Often	115	20	6,263	27	2,648	28	75,282	27								
		4	Very often	76	13	3,440	15	1,321	14	39,794	14								
		Total		566	100	22,431	100	8,927	100	267,164	100								
f. Explained course material to one or more students	CLexplain	1	Never	46	9	1,332	7	411	6	14,668	6	<b>2.6</b>	2.7 ***	-.16	2.8 ***	-.19	2.7 ***	-.17	
		2	Sometimes	235	41	7,883	35	3,039	35	93,266	36								
		3	Often	181	32	8,302	36	3,386	37	99,823	37								
		4	Very often	103	18	4,862	22	2,053	22	58,543	22								
		Total		565	100	22,379	100	8,889	100	266,300	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	117	22	4,003	19	1,416	18	47,654	19	<b>2.3</b>	2.5 ***	-0.14	2.5 **	-0.14	2.5 **	-0.13
		2	Sometimes	215	38	7,661	34	3,122	36	91,477	35							
		3	Often	142	25	6,096	27	2,547	28	73,139	27							
		4	Very often	85	15	4,574	20	1,794	19	53,689	20							
		Total		559	100	22,334	100	8,879	100	265,959	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	40	8	1,727	8	490	7	17,854	7	<b>2.8</b>	2.8	.00	2.8	-0.02	2.9	-0.04
		2	Sometimes	159	29	6,398	29	2,577	30	75,694	29							
		3	Often	205	37	7,686	34	3,213	36	92,636	34							
		4	Very often	151	27	6,472	29	2,583	28	79,025	30							
		Total		555	100	22,283	100	8,863	100	265,209	100							
i. Given a course presentation	present	1	Never	90	16	3,177	16	746	10	28,473	12	<b>2.5</b>	2.6	-0.03	2.8 ***	-0.24	2.7 ***	-0.16
		2	Sometimes	185	34	7,251	33	2,472	28	79,986	31							
		3	Often	164	29	6,643	29	3,072	34	85,505	31							
		4	Very often	118	21	5,111	22	2,546	27	70,198	26							
		Total		557	100	22,182	100	8,836	100	264,162	100							
<b>2. During the current school year, about how often have you done the following?</b>																		
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	27	5	833	4	278	4	8,037	3	<b>2.8</b>	2.9 **	-0.14	3.0 ***	-0.18	3.0 ***	-0.20
		2	Sometimes	176	33	5,775	27	2,264	26	66,010	26							
		3	Often	206	38	8,383	38	3,426	39	103,261	39							
		4	Very often	136	25	6,714	30	2,733	31	82,112	31							
		Total		545	100	21,705	100	8,701	100	259,420	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	35	7	1,578	8	456	6	14,672	6	<b>2.8</b>	2.8	.01	2.9 *	-0.10	2.9	-0.07
		2	Sometimes	175	32	6,593	31	2,501	29	75,316	30							
		3	Often	197	36	7,625	35	3,201	37	94,221	36							
		4	Very often	138	25	5,751	26	2,506	29	73,306	28							
		Total		545	100	21,547	100	8,664	100	257,515	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	76	15	2,984	15	724	9	26,214	11	<b>2.6</b>	2.6	.00	2.7 ***	-0.19	2.7 **	-0.12
		2	Sometimes	195	36	7,308	34	2,879	33	85,956	34							
		3	Often	158	29	6,430	29	2,900	33	82,460	31							
		4	Very often	114	21	4,797	21	2,140	25	62,513	24							
		Total		543	100	21,519	100	8,643	100	257,143	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Your seniors compared with					
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	27	5	1,110	6	348	4	11,091	5	<b>2.8</b>	2.8	.03	2.9	-.05	2.9	-.03
		2	Sometimes	170	31	6,502	31	2,485	29	73,687	29							
		3	Often	208	40	8,598	40	3,530	41	106,067	41							
		4	Very often	136	25	5,255	24	2,271	26	65,569	25							
		Total		541	100	21,465	100	8,634	100	256,414	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	Rlperspect	1	Never	22	4	775	4	233	3	7,861	3	<b>2.9</b>	2.9	-.07	3.0 **	-.14	3.0 **	-.12
		2	Sometimes	162	30	5,666	27	2,122	25	64,576	26							
		3	Often	217	40	8,771	41	3,712	43	107,596	42							
		4	Very often	140	26	6,181	28	2,538	29	75,581	29							
		Total		541	100	21,393	100	8,605	100	255,614	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	12	2	521	3	183	2	5,316	2	<b>2.9</b>	2.9	-.01	3.0	-.07	3.0	-.06
		2	Sometimes	165	31	6,124	29	2,331	27	68,688	28							
		3	Often	212	40	8,749	41	3,626	42	107,668	42							
		4	Very often	147	27	5,918	27	2,448	28	73,287	28							
		Total		536	100	21,312	100	8,588	100	254,959	100							
g. Connected ideas from your courses to your prior experiences and knowledge	Rlconnect	1	Never	3	1	270	1	91	1	2,504	1	<b>3.2</b>	3.2	.03	3.2	-.05	3.2	-.03
		2	Sometimes	93	18	3,513	17	1,265	15	38,399	16							
		3	Often	218	42	9,075	43	3,652	42	108,467	43							
		4	Very often	213	40	8,383	39	3,549	42	104,603	41							
		Total		527	100	21,241	100	8,557	100	253,973	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	151	30	4,428	22	1,271	17	43,403	19	<b>2.1</b>	2.3 ***	-.21	2.5 ***	-.37	2.4 ***	-.31
		2	Sometimes	222	42	8,350	39	3,227	38	98,455	39							
		3	Often	93	17	5,050	23	2,261	25	64,231	24							
		4	Very often	61	11	3,443	15	1,823	19	48,109	18							
		Total		527	100	21,271	100	8,582	100	254,198	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	306	59	9,882	48	3,313	42	107,479	45	<b>1.6</b>	1.9 ***	-.23	2.0 ***	-.34	1.9 ***	-.28
		2	Sometimes	130	24	5,786	27	2,589	29	74,128	28							
		3	Often	55	11	3,230	15	1,473	16	41,003	15							
		4	Very often	33	6	2,322	10	1,169	13	30,755	11							
		Total		524	100	21,220	100	8,544	100	253,365	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2015 & 2016								Your seniors compared with						
				UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Effect size <sup>e</sup>	Effect size <sup>e</sup>	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Effect size <sup>e</sup>	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	235	45	6,512	32	1,888	25	65,297	28	<b>1.8</b>	2.1 *** ▽	-.26	2.3 *** ▽	-.42	2.2 *** ▽	-.34
		2	Sometimes	174	33	8,121	38	3,353	38	99,998	39							
		3	Often	76	14	4,156	19	2,052	23	55,296	21							
		4	Very often	39	7	2,402	11	1,250	14	32,501	12							
		Total		524	100	21,191	100	8,543	100	253,092	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	180	35	5,331	27	1,591	21	56,119	24	<b>2.0</b>	2.1 *** ▽	-.18	2.3 *** ▽	-.33	2.2 *** ▽	-.25
		2	Sometimes	214	40	9,029	43	3,721	43	110,211	44							
		3	Often	87	16	4,459	20	2,061	23	55,575	21							
		4	Very often	44	8	2,335	10	1,144	13	30,706	11							
		Total		525	100	21,154	100	8,517	100	252,611	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	40	7	1,768	9	740	9	22,929	9	<b>2.8</b>	2.8	.06	2.7 * △	.12	2.7 * △	.08
		2	Some	137	26	6,346	30	2,777	33	78,236	31							
		3	Quite a bit	229	44	8,135	38	3,167	37	94,764	37							
		4	Very much	118	22	4,940	23	1,862	21	57,386	23							
		Total		524	100	21,189	100	8,546	100	253,315	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	15	3	659	3	228	3	6,709	3	<b>3.1</b>	3.1	-.04	3.1	-.04	3.1	-.06
		2	Some	100	20	3,858	19	1,542	18	45,105	18							
		3	Quite a bit	235	46	8,977	42	3,746	44	108,340	43							
		4	Very much	172	32	7,628	36	3,006	34	92,228	36							
		Total		522	100	21,122	100	8,522	100	252,382	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	20	4	761	4	283	3	8,363	4	<b>3.0</b>	3.1	-.04	3.1	-.05	3.1	-.06
		2	Some	102	20	4,251	20	1,661	20	49,278	20							
		3	Quite a bit	229	44	8,567	40	3,550	42	102,723	41							
		4	Very much	170	32	7,470	36	2,996	35	91,178	36							
		Total		521	100	21,049	100	8,490	100	251,542	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	28	6	1,160	6	356	4	12,376	5	<b>3.0</b>	2.9 * △	.09	3.0	.02	3.0	.06
		2	Some	92	18	4,907	24	1,934	22	57,101	23							
		3	Quite a bit	234	45	8,563	40	3,529	42	103,013	41							
		4	Very much	164	31	6,406	30	2,679	31	78,959	31							
		Total		518	100	21,036	100	8,498	100	251,449	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	22	5	959	5	294	4	10,677	5	<b>3.0</b>	3.0	.04	3.0	.00	3.0	.02
		2	Some	110	21	4,899	24	1,976	23	57,417	23							
		3	Quite a bit	226	44	8,678	41	3,561	42	104,916	42							
		4	Very much	159	30	6,473	30	2,642	31	77,930	31							
		Total		517	100	21,009	100	8,473	100	250,940	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	20	4	531	3	173	2	5,363	2	<b>3.1</b>	3.2 *	-10	3.2 *	-11	3.2 *	-10
		2	Some	116	22	3,423	16	1,387	16	40,940	17							
		3	Quite a bit	179	34	8,793	42	3,670	42	108,804	43							
		4	Very much	211	40	8,375	39	3,311	39	97,470	38							
		Total		526	100	21,122	100	8,541	100	252,577	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	28	5	706	4	227	3	7,099	3	<b>3.0</b>	3.1 *	-09	3.1 **	-12	3.1 *	-10
		2	Some	102	20	3,753	18	1,424	17	43,643	18							
		3	Quite a bit	215	41	8,869	42	3,784	44	111,220	44							
		4	Very much	182	34	7,739	36	3,081	36	90,029	36							
		Total		527	100	21,067	100	8,516	100	251,991	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	33	6	823	4	274	3	8,306	4	<b>3.0</b>	3.1 **	-13	3.1 ***	-17	3.1 ***	-15
		2	Some	115	23	3,863	19	1,459	18	44,681	18							
		3	Quite a bit	187	35	8,041	38	3,364	39	100,422	40							
		4	Very much	186	36	8,320	39	3,415	39	98,159	38							
		Total		521	100	21,047	100	8,512	100	251,568	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	68	13	2,402	12	742	9	25,294	11	<b>2.8</b>	2.7	.02	2.9 *	-11	2.8	-02
		2	Some	141	27	5,998	29	2,161	26	68,644	28							
		3	Quite a bit	158	31	6,565	31	2,923	34	84,329	33							
		4	Very much	157	29	6,063	28	2,682	31	73,167	28							
		Total		524	100	21,028	100	8,508	100	251,434	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	50	10	1,828	9	564	7	17,222	7	<b>2.8</b>	2.8	-02	2.9 *	-12	2.9	-07
		2	Some	146	27	5,555	27	2,038	24	65,749	27							
		3	Quite a bit	180	35	7,588	36	3,297	39	96,106	38							
		4	Very much	149	28	5,995	28	2,592	30	71,499	28							
		Total		525	100	20,966	100	8,491	100	250,576	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<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	61	11	2,522	12	1,076	12	31,028	12	<b>2.6</b>	2.7	-.03	2.6	.01	2.7	-.03	
		2	Sometimes	178	33	6,796	32	2,918	33	82,928	32								
		3	Often	187	37	7,257	34	2,886	34	84,508	34								
		4	Very often	97	19	4,491	22	1,652	20	53,644	22								
		Total		523	100	21,066	100	8,532	100	252,108	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	93	17	3,985	19	1,563	18	46,374	18	<b>2.4</b>	2.4	.00	2.4	.01	2.4	-.02	
		2	Sometimes	197	37	7,524	36	3,294	38	92,712	36								
		3	Often	159	31	5,960	28	2,314	28	70,172	28								
		4	Very often	74	14	3,559	17	1,337	16	42,441	17								
		Total		523	100	21,028	100	8,508	100	251,699	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	110	21	3,740	18	1,524	18	42,812	17	<b>2.3</b>	2.4 *	-.09	2.4	-.08	2.4 **	-.12	
		2	Sometimes	202	38	8,003	38	3,328	39	96,014	38								
		3	Often	146	28	6,044	29	2,446	29	73,190	29								
		4	Very often	65	13	3,205	15	1,208	14	39,195	16								
		Total		523	100	20,992	100	8,506	100	251,211	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	26	6	1,482	8	362	5	11,647	6	<b>6.9</b>	6.5	.08	8.0 ***	-.16	7.9 **	-.14	
		1.5	1-2	91	19	4,333	23	1,343	18	40,898	18								
		4	3-5	163	35	5,653	29	2,188	28	64,260	28								
		8	6-10	89	19	3,823	20	1,760	22	51,648	22								
		13	11-15	41	9	1,732	9	878	11	25,964	11								
		18	16-20	17	4	883	4	528	6	14,677	6								
		23	More than 20	39	8	1,231	6	834	10	22,749	10								
Total		466	100	19,137	100	7,893	100	231,843	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	112	25	5,330	29	1,555	21	45,437	21	<b>3.4</b>	3.0 *	.12	3.6	-.03	3.7	-.06	
		1.5	1-2	155	34	6,623	35	2,697	34	79,400	34								
		4	3-5	100	22	4,046	21	2,096	27	60,488	25								
		8	6-10	59	13	1,838	10	911	11	27,932	12								
		13	11-15	14	3	547	3	294	4	9,003	4								
		18	16-20	5	1	214	1	123	2	3,738	2								
		23	More than 20	8	2	209	1	105	1	3,404	2								
Total		453	100	18,807	100	7,781	100	229,402	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016		
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
c. 11 pages or more	wrlongnum	0	None	232	51	9,673	52	3,298	44	96,217	44	<b>2.1</b>	1.8	.08	1.9	.07	2.0	.03	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	126	28	5,752	31	2,973	38	85,131	36								
		4	3-5	45	10	1,740	9	879	11	27,213	12								
		8	6-10	20	4	648	3	298	4	8,904	4								
		13	11-15	15	3	362	2	125	2	3,926	2								
		18	16-20	5	1	149	1	54	1	1,872	1								
		23	More than 20	7	1	232	1	78	1	2,595	1								
		Total			450	100	18,556	100	7,705	100	225,858	100							
Estimated number of assigned pages of student writing.	wrpages											<b>77.8</b>	67.5 *	.12	78.3	-.01	80.8	-.03	
			(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)										△						
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	35	7	1,029	6	464	7	11,408	5	<b>3.2</b>	3.2	.00	3.0 ***	.23	3.1	.06	
		2	Sometimes	79	17	3,843	19	2,284	28	55,191	22								
		3	Often	131	27	5,625	28	2,312	28	68,831	29								
		4	Very often	237	49	9,165	47	3,010	37	102,277	44								
			Total	482	100	19,662	100	8,070	100	237,707	100								
b. People from an economic background other than your own	DDeconomic	1	Never	39	8	970	5	326	4	9,663	4	<b>3.1</b>	3.1	-.03	3.0	.10	3.1	-.01	
		2	Sometimes	89	19	3,997	21	2,036	26	51,918	22								
		3	Often	144	30	6,233	31	2,795	34	79,889	33								
		4	Very often	210	44	8,392	43	2,881	35	95,540	41								
			Total	482	100	19,592	100	8,038	100	237,010	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	44	9	1,244	7	464	6	14,508	6	<b>3.0</b>	3.1	-.09	2.9	.06	3.0	-.04	
		2	Sometimes	108	23	4,448	22	2,362	30	60,363	25								
		3	Often	139	29	5,776	29	2,422	30	70,991	30								
		4	Very often	188	39	8,119	42	2,783	34	90,873	39								
			Total	479	100	19,587	100	8,031	100	236,735	100								
d. People with political views other than your own	DDpolitical	1	Never	44	9	1,205	7	419	6	13,038	6	<b>2.9</b>	3.1 **	-.14	3.0	-.04	3.0 *	-.11	
		2	Sometimes	121	25	4,304	22	2,127	27	58,454	24								
		3	Often	138	29	6,041	30	2,645	33	75,405	32								
		4	Very often	174	37	7,956	41	2,814	35	88,958	38								
			Total	477	100	19,506	100	8,005	100	235,855	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<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	4	1	435	2	151	2	4,761	2	<b>3.3</b>	3.2 *	.10	3.2	.06	3.2	.06	
		2	Sometimes	68	14	3,306	17	1,343	17	37,989	16								
		3	Often	203	43	7,895	40	3,170	39	93,631	40								
		4	Very often	203	42	7,891	40	3,364	42	100,009	42								
		Total		478	100	19,527	100	8,028	100	236,390	100								
b. Reviewed your notes after class	LSnotes	1	Never	19	4	1,187	6	567	7	17,192	7	<b>3.0</b>	2.9 **	.12	2.9 ***	.15	2.9 ***	.17	
		2	Sometimes	113	24	5,412	28	2,391	29	70,155	29								
		3	Often	173	36	6,252	32	2,502	31	73,618	31								
		4	Very often	174	36	6,638	33	2,564	32	74,768	32								
		Total		479	100	19,489	100	8,024	100	235,733	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	18	4	1,305	7	496	6	15,627	7	<b>3.0</b>	2.9 *	.10	2.9 *	.09	2.9 *	.11	
		2	Sometimes	115	24	5,169	27	2,253	28	65,477	28								
		3	Often	190	40	6,793	35	2,813	36	82,084	35								
		4	Very often	149	31	6,066	31	2,399	31	70,602	30								
		Total		472	100	19,333	100	7,961	100	233,790	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	5	1	139	1	43	1	1,457	1	<b>5.9</b>	5.7 ***	.21	5.7 ***	.21	5.7 ***	.24	
		2		2	0	231	1	96	1	2,840	1								
		3		7	2	581	3	209	3	6,692	3								
		4		32	7	1,653	9	650	8	19,771	9								
		5		98	21	5,132	26	2,211	28	65,434	27								
		6		125	27	5,624	29	2,404	29	72,378	30								
		7	Very much	207	42	6,124	31	2,396	30	67,006	29								
		Total		476	100	19,484	100	8,009	100	235,578	100								
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	Have not decided		73	15	1,931	10	646	9	18,481	8	<b>28%</b>	41% ***	-.27	51% ***	-.46	50% ***	-.45	
		Do not plan to do	96	21	3,642	19	1,372	19	40,914	18									
		Plan to do	169	35	5,644	29	1,632	22	51,341	23									
		Done or in progress	139	28	8,223	41	4,357	51	124,789	50									
		Total	477	100	19,440	100	8,007	100	235,525	100									

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
b. Hold a formal leadership role in a student organization or group	leader	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	104	22	2,336	12	798	11	23,714	11	<b>13%</b>	31% ***	-0.42	33% ***	-0.48	35% ***	-0.52	
			Do not plan to do	248	52	8,964	47	3,657	48	104,093	46								
			Plan to do	59	12	1,926	10	569	8	17,626	8								
			Done or in progress	65	13	6,151	31	2,963	33	89,483	35								
			Total	476	100	19,377	100	7,987	100	234,916	100								
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	99	21	2,829	15	1,075	14	29,107	13	<b>16%</b>	22% **	-0.14	24% ***	-0.20	24% ***	-0.20	
			Do not plan to do	202	43	9,908	52	4,080	52	124,097	54								
			Plan to do	94	19	2,232	12	707	10	21,016	9								
			Done or in progress	80	16	4,368	22	2,102	24	60,146	24								
			Total	475	100	19,337	100	7,964	100	234,366	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	104	22	2,644	14	918	13	25,937	12	<b>4%</b>	10% ***	-0.24	11% ***	-0.27	14% ***	-0.37	
			Do not plan to do	289	61	12,692	66	5,480	70	155,222	67								
			Plan to do	59	13	1,917	10	500	7	16,265	7								
			Done or in progress	19	4	2,063	10	1,074	11	36,872	14								
			Total	471	100	19,316	100	7,972	100	234,296	100								
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	121	26	3,202	17	1,079	15	33,058	15	<b>13%</b>	20% ***	-0.20	26% ***	-0.34	24% ***	-0.29	
			Do not plan to do	224	47	9,059	47	3,764	47	113,620	49								
			Plan to do	64	14	3,033	16	925	13	27,684	13								
			Done or in progress	60	13	3,962	20	2,170	26	59,027	24								
			Total	469	100	19,256	100	7,938	100	233,389	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	81	16	2,195	11	581	8	19,821	9	<b>29%</b>	36% ***	-0.16	51% ***	-0.45	46% ***	-0.36	
			Do not plan to do	70	14	4,387	23	1,289	17	46,889	21								
			Plan to do	188	41	5,538	29	1,787	24	53,170	24								
			Done or in progress	135	29	7,176	36	4,321	51	114,211	46								
			Total	474	100	19,296	100	7,978	100	234,091	100								

#### 12. About how many of your courses at this institution have included a community-based project (service-learning)?

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
	servcourse		1 None	148	33	7,920	43	2,166	29	85,663	39	<b>1.9</b>	1.7 ***	0.20	1.9	-0.01	1.7 ***	0.18	
			2 Some	239	51	8,839	45	4,593	56	119,918	49								
			3 Most	70	14	2,074	10	1,048	12	23,894	10								
			4 All	14	3	451	2	164	2	4,454	2								
			Total	471	100	19,284	100	7,971	100	233,929	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>																			
a. Students	Q1student	1	Poor	6	1	259	1	86	1	2,606	1	<b>5.7</b>	5.6	.04	5.7	-.02	5.7	.03	
		2		10	2	318	2	102	1	3,534	2								
		3		24	5	815	4	269	4	8,788	4								
		4		40	9	1,805	9	676	9	20,697	9								
		5		90	20	4,242	22	1,743	21	53,178	23								
		6		112	23	5,203	27	2,337	29	68,797	29								
		7	Excellent	183	39	6,386	33	2,691	34	74,963	32								
		—	Not applicable	8	1	346	2	86	1	2,499	1								
			Total	473	100	19,374	100	7,990	100	235,062	100								
b. Academic advisors	Q1advisor	1	Poor	36	8	966	5	300	4	10,980	5	<b>4.8</b>	5.2 ***	-.19	5.4 ***	-.32	5.2 ***	-.21	
		2		33	7	948	5	347	5	11,569	5								
		3		40	9	1,515	8	451	6	16,538	7								
		4		66	14	2,315	12	824	10	26,702	12								
		5		78	16	3,425	17	1,310	17	41,010	17								
		6		91	19	3,796	19	1,757	21	48,890	20								
		7	Excellent	115	25	6,143	31	2,880	35	75,766	32								
		—	Not applicable	14	3	251	1	106	2	3,202	2								
			Total	473	100	19,359	100	7,975	100	234,657	100								
c. Faculty	Q1faculty	1	Poor	16	4	359	2	112	2	3,434	2	<b>5.4</b>	5.5	-.07	5.7 ***	-.19	5.5	-.10	
		2		16	3	496	3	148	2	4,808	2								
		3		22	5	932	5	292	4	9,962	5								
		4		60	13	1,966	10	697	9	23,405	10								
		5		85	18	4,088	21	1,592	20	51,201	22								
		6		123	26	5,407	28	2,412	29	70,907	30								
		7	Excellent	139	30	5,842	30	2,650	33	68,060	29								
		—	Not applicable	9	2	193	1	45	1	1,735	1								
			Total	470	100	19,283	100	7,948	100	233,512	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
d. Student services staff (career services, student activities, housing, etc.)	Qistaff	1	Poor	38	9	984	5	397	5	11,397	5	<b>4.7</b>	4.9 *	-0.13	5.0 **	-0.15	4.9 *	-0.12
		2		25	5	869	5	384	5	10,802	5							
		3		24	5	1,291	7	505	6	16,235	7							
		4		61	13	2,250	12	943	12	29,475	12							
		5		70	15	3,320	17	1,336	16	42,603	18							
		6		74	16	3,269	17	1,441	17	42,334	18							
		7	Excellent	77	16	3,565	18	1,510	19	40,571	17							
		—	Not applicable	100	21	3,718	20	1,443	20	40,544	19							
Total				469	100	19,266	100	7,959	100	233,961	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	43	9	1,044	6	357	5	12,418	6	<b>4.8</b>	4.9	-0.07	5.1 **	-0.17	4.9	-0.07
		2		32	7	1,025	5	424	5	12,882	6							
		3		29	6	1,538	8	618	8	19,343	8							
		4		62	13	2,771	14	1,050	13	34,663	15							
		5		80	17	3,841	20	1,698	21	49,221	21							
		6		107	23	3,865	19	1,725	21	48,113	20							
		7	Excellent	88	18	4,142	21	1,845	24	46,003	20							
		—	Not applicable	30	7	1,086	6	256	4	11,770	6							
Total				471	100	19,312	100	7,973	100	234,413	100							
<b>14. How much does your institution emphasize the following?</b>																		
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	12	3	381	2	144	2	4,374	2	<b>3.1</b>	3.2	-0.03	3.1	.00	3.2	-0.03
		2	Some	72	17	3,061	17	1,309	17	36,171	16							
		3	Quite a bit	194	44	8,003	44	3,415	44	99,014	44							
		4	Very much	165	36	6,977	38	2,785	36	85,417	37							
		Total				443	100	18,422	100	7,653	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	33	8	904	5	351	5	10,615	5	<b>2.8</b>	3.0 ***	-0.18	3.0 ***	-0.20	3.0 **	-0.17
		2	Some	126	29	4,154	23	1,634	22	50,434	23							
		3	Quite a bit	159	37	7,521	41	3,114	41	93,391	42							
		4	Very much	119	26	5,698	30	2,475	32	68,775	30							
		Total				437	100	18,277	100	7,574	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	39	10	1,635	9	611	8	17,952	8	<b>2.9</b>	2.9	.00	2.9	-0.01	2.9	.00
		2	Some	105	24	4,284	24	1,793	24	53,327	24							
		3	Quite a bit	148	34	6,639	36	2,821	37	83,626	37							
		4	Very much	147	32	5,727	30	2,355	31	68,384	30							
		Total				439	100	18,285	100	7,580	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.



# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>						
				UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	63	15	2,739	16	1,159	16	34,768	16	<b>2.7</b>	2.6	.06	2.6 *	.12	2.6 *	.10
		2	Some	123	28	5,326	29	2,408	32	69,364	31							
		3	Quite a bit	128	29	5,716	31	2,306	30	68,748	31							
		4	Very much	126	28	4,505	25	1,721	22	50,457	23							
		Total		440	100	18,286	100	7,594	100	223,337	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	52	13	1,539	9	592	9	18,363	9	<b>2.8</b>	2.9	-.10	2.8	-.06	2.8	-.08
		2	Some	112	26	4,493	25	1,965	27	56,157	26							
		3	Quite a bit	140	32	6,740	37	2,849	37	84,191	37							
		4	Very much	130	29	5,484	29	2,171	27	64,406	28							
		Total		434	100	18,256	100	7,577	100	223,117	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	81	19	2,158	12	862	12	25,330	12	<b>2.6</b>	2.8 ***	-.22	2.7 **	-.17	2.7 ***	-.20
		2	Some	131	30	4,682	26	2,098	28	58,684	27							
		3	Quite a bit	120	29	6,350	35	2,637	34	80,066	35							
		4	Very much	101	23	5,017	27	1,976	25	58,548	26							
		Total		433	100	18,207	100	7,573	100	222,628	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	165	38	6,000	33	2,428	33	74,035	34	<b>2.1</b>	2.1	-.03	2.1	-.03	2.1	.00
		2	Some	123	28	6,038	33	2,602	33	76,012	34							
		3	Quite a bit	86	20	3,834	21	1,610	21	46,149	20							
		4	Very much	60	14	2,357	13	922	12	26,375	12							
		Total		434	100	18,229	100	7,562	100	222,571	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	98	23	2,479	14	997	15	32,323	16	<b>2.5</b>	2.7 ***	-.23	2.6 **	-.15	2.6 **	-.17
		2	Some	127	30	5,041	28	2,217	30	61,822	28							
		3	Quite a bit	113	26	6,082	33	2,635	34	76,256	34							
		4	Very much	97	21	4,578	25	1,695	21	51,605	23							
		Total		435	100	18,180	100	7,544	100	222,006	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	85	20	3,670	21	1,348	19	43,106	21	<b>2.6</b>	2.4 **	.16	2.4 *	.12	2.4 **	.17
		2	Some	123	29	6,384	35	2,608	35	77,131	35							
		3	Quite a bit	115	27	5,033	28	2,295	30	65,049	29							
		4	Very much	108	25	3,044	17	1,275	17	36,241	16							
		Total		431	100	18,131	100	7,526	100	221,527	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<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	1	0	75	0	22	0	827	0	<b>14.5</b>	14.5	.00	14.4	.01	14.9	-.04	
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	74	17	2,782	15	1,130	16	30,195	14								
	8	6-10 hrs	104	24	4,485	25	1,823	25	51,948	23									
	13	11-15 hrs	79	18	3,518	19	1,480	19	44,686	20									
	18	16-20 hrs	72	17	3,025	16	1,297	17	38,987	17									
	23	21-25 hrs	35	8	1,770	10	757	10	23,378	10									
	28	26-30 hrs	32	7	1,100	6	493	6	14,292	6									
	33	More than 30 hrs	39	9	1,486	8	563	8	18,369	8									
	Total		436	100	18,241	100	7,565	100	222,682	100									
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	275	65	8,469	48	3,387	49	93,374	45	<b>2.6</b>	4.2 ***	-.24	4.4 ***	-.26	4.7 ***	-.30	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	97	22	5,041	28	2,091	26	62,768	27								
	8	6-10 hrs	23	5	2,147	11	825	10	28,964	12									
	13	11-15 hrs	18	4	1,129	6	491	6	15,691	7									
	18	16-20 hrs	10	2	705	4	359	4	10,167	4									
	23	21-25 hrs	5	1	321	2	206	2	5,011	2									
	28	26-30 hrs	2	0	127	1	65	1	2,264	1									
	33	More than 30 hrs	1	0	215	1	119	2	3,321	1									
Total		431	100	18,154	100	7,543	100	221,560	100										
c. Working for pay on campus	tmworkonhrs	0	0 hrs	395	91	13,654	76	5,027	70	152,922	72	<b>1.5</b>	3.8 ***	-.30	3.9 ***	-.34	3.7 ***	-.31	
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	3	1	448	2	453	5	11,595	4								
	8	6-10 hrs	6	1	789	4	754	8	20,139	8									
	13	11-15 hrs	5	1	956	5	492	6	14,756	6									
	18	16-20 hrs	15	3	1,437	8	481	6	13,719	6									
	23	21-25 hrs	2	1	431	2	162	2	4,179	2									
	28	26-30 hrs	1	0	153	1	56	1	1,662	1									
	33	More than 30 hrs	5	1	295	2	102	2	2,884	1									
Total		432	100	18,163	100	7,527	100	221,856	100										

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016				
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>		
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	120	27	7,647	42	2,969	38	96,240	42	<b>19.9</b>	▲	13.4 ***	.48	▲	14.2 ***	.42	▲	12.6 ***	.55
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	6	1	789	4	421	5	11,311	5										
		8	6-10 hrs	11	2	946	5	481	6	14,158	6										
		13	11-15 hrs	16	4	1,001	5	476	6	14,272	6										
		18	16-20 hrs	34	8	1,584	9	627	8	19,107	9										
		23	21-25 hrs	34	9	1,247	7	550	7	14,772	7										
		28	26-30 hrs	25	5	1,019	5	453	6	10,887	5										
		33	More than 30 hrs	185	44	3,874	23	1,518	24	40,236	20										
		Total			431	100	18,107	100	7,495	100	220,983	100									
Estimated number of hours working for pay	tmworkhrs											<b>21.4</b>	▲	17.0 ***	.31	▲	18.0 ***	.25	▲	16.2 ***	.38
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	216	51	8,573	49	3,335	45	104,674	49	<b>3.3</b>	3.3	.01	3.6	-.04	3.2	.01			
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	144	33	6,354	34	2,829	37	79,641	35										
		8	6-10 hrs	26	6	1,581	8	684	9	18,427	8										
		13	11-15 hrs	20	4	678	4	276	3	7,796	4										
		18	16-20 hrs	12	2	428	2	188	3	4,875	2										
		23	21-25 hrs	4	1	183	1	84	1	2,066	1										
		28	26-30 hrs	2	0	72	0	36	0	970	0										
		33	More than 30 hrs	6	1	188	1	78	1	1,994	1										
		Total	430	100	18,057	100	7,510	100	220,443	100											
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	33	8	688	4	250	4	6,584	3	<b>7.7</b>	▼	9.9 ***	-.28	▼	9.9 ***	-.28	▼	10.5 ***	-.35
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	199	46	5,698	31	2,381	32	63,418	29										
		8	6-10 hrs	98	22	5,199	29	2,078	28	62,814	28										
		13	11-15 hrs	47	11	2,998	16	1,240	16	39,215	17										
		18	16-20 hrs	28	7	1,757	9	768	10	24,473	11										
		23	21-25 hrs	7	2	749	4	363	5	10,864	5										
		28	26-30 hrs	7	2	365	2	173	2	5,110	2										
		33	More than 30 hrs	12	3	667	4	268	4	8,776	4										
		Total	431	100	18,121	100	7,521	100	221,254	100											

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	NSSE 2015 & 2016								Your seniors compared with						
				UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
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	153	37	10,383	57	4,433	55	139,957	61	<b>11.5</b>	7.7 *** ▲	.31	8.4 *** ▲	.25	6.7 *** ▲	.42
		3	1-5 hrs	76	17	2,006	11	827	11	23,864	11							
		8	6-10 hrs	36	9	1,042	6	418	6	11,383	5							
		13	11-15 hrs	20	5	723	4	256	4	7,459	4							
		18	16-20 hrs	17	4	607	3	241	4	6,348	3							
		23	21-25 hrs	9	2	373	2	142	2	3,491	2							
		28	26-30 hrs	16	4	258	1	86	1	2,684	1							
		33	More than 30 hrs	103	22	2,698	15	1,109	17	25,857	13							
Total				430	100	18,090	100	7,512	100	221,043	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	54	12	2,563	14	1,742	22	49,913	21	<b>6.7</b>	5.5 *** ▲	.20	4.7 *** ▲	.34	4.8 *** ▲	.33
		3	1-5 hrs	204	47	9,896	53	3,954	52	115,179	51							
		8	6-10 hrs	99	23	3,503	20	1,108	15	35,231	17							
		13	11-15 hrs	34	8	1,145	7	371	5	11,211	5							
		18	16-20 hrs	13	3	471	3	162	2	4,648	2							
		23	21-25 hrs	6	1	187	1	64	1	1,925	1							
		28	26-30 hrs	6	1	117	1	34	1	1,017	1							
		33	More than 30 hrs	15	4	295	2	109	1	2,811	1							
Total				431	100	18,177	100	7,544	100	221,935	100							
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>																		
reading	tmreadinghrs <i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>	1	Very little	19	5	2,447	14	840	11	27,941	13	<b>3.3</b>	2.9 *** ▲	.34	3.0 *** ▲	.24	2.9 *** ▲	.33
		2	Some	92	22	4,742	26	1,824	24	58,055	26							
		3	About half	130	30	4,953	27	2,213	30	61,706	28							
		4	Most	115	27	4,082	23	1,843	25	51,326	23							
		5	Almost all	76	17	1,914	10	815	11	22,674	10							
		Total				432	100	18,138	100	7,535	100							
												<b>8.6</b>	7.2 *** ▲	.22	7.6 ** ▲	.16	7.4 *** ▲	.19

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
	tmreadinghrscol	1	0 hrs	1	0	71	0	21	0	784	0								
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	175	41	8,603	48	3,321	44	100,446	46								
		3	More than 5, up to 10 hrs	127	30	5,187	29	2,252	30	65,549	29								
		4	More than 10, up to 15 hrs	49	11	1,841	10	910	12	24,518	11								
		5	More than 15, up to 20 hrs	25	5	1,105	6	489	7	14,250	6								
		6	More than 20, up to 25 hrs	30	7	837	5	339	5	10,429	5								
		7	More than 25 hrs	25	5	402	2	173	2	4,638	2								
		Total			432	100	18,046	100	7,505	100	220,614	100							

#### 17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

a. Writing clearly and effectively	pgwrite	1	Very little	20	5	1,202	7	395	6	12,518	6	<b>3.0</b>	3.0	.06	3.1	-.02	3.0	.00
		2	Some	96	23	3,916	22	1,576	21	45,650	21							
		3	Quite a bit	157	36	6,623	36	2,738	36	81,751	36							
		4	Very much	160	36	6,421	35	2,810	37	82,062	37							
		Total		433	100	18,162	100	7,519	100	221,981	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	39	9	1,537	9	515	8	16,856	8	<b>2.9</b>	2.9	-.02	3.0	-.09	2.9	-.05
		2	Some	101	24	4,250	24	1,655	22	49,776	23							
		3	Quite a bit	153	35	6,276	34	2,756	36	80,371	36							
		4	Very much	137	31	6,042	33	2,566	34	74,258	33							
		Total		430	100	18,105	100	7,492	100	221,261	100							
c. Thinking critically and analytically	pgthink	1	Very little	10	2	521	3	190	3	5,411	3	<b>3.2</b>	3.3 *	-.11	3.3 **	-.13	3.3 **	-.15
		2	Some	79	18	2,404	14	967	13	27,366	13							
		3	Quite a bit	164	38	6,555	36	2,725	36	79,334	36							
		4	Very much	180	42	8,640	47	3,611	48	109,121	49							
		Total		433	100	18,120	100	7,493	100	221,232	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	32	8	1,839	10	896	12	24,565	11	<b>2.9</b>	2.9	-.02	2.8	.08	2.8	.03
		2	Some	121	28	4,513	24	2,138	28	59,083	26							
		3	Quite a bit	149	35	5,859	32	2,326	31	69,673	32							
		4	Very much	128	30	5,889	33	2,137	29	67,815	31							
		Total		430	100	18,100	100	7,497	100	221,136	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD	Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	48	11	1,725	10	613	9	18,941	9	<b>2.8</b>	2.9 *	-0.10	3.0 **	-0.16	2.9 *	-0.12
		2	Some	111	26	4,061	23	1,569	21	49,471	23							
		3	Quite a bit	132	31	5,858	32	2,458	32	73,450	33							
		4	Very much	141	32	6,473	35	2,862	37	79,565	35							
		Total		432	100	18,117	100	7,502	100	221,427	100							
f. Working effectively with others	pgothers	1	Very little	21	5	1,043	6	374	6	11,212	6	<b>3.0</b>	3.0	-0.04	3.0	-0.06	3.0	-0.06
		2	Some	101	24	3,796	22	1,494	21	45,100	21							
		3	Quite a bit	163	38	6,443	35	2,768	36	81,522	36							
		4	Very much	146	33	6,790	37	2,870	37	83,120	37							
		Total		431	100	18,072	100	7,506	100	220,954	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	38	10	2,257	13	766	11	24,400	12	<b>2.9</b>	2.8 **	.13	2.9	.08	2.8 *	.11
		2	Some	94	22	4,376	25	1,759	24	52,952	25							
		3	Quite a bit	147	34	5,680	31	2,443	32	71,596	32							
		4	Very much	153	34	5,791	31	2,540	32	72,239	32							
		Total		432	100	18,104	100	7,508	100	221,187	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	32	8	1,910	11	807	12	23,091	11	<b>2.9</b>	2.8 *	.10	2.8 **	.14	2.8 **	.13
		2	Some	100	24	4,549	25	1,942	26	58,548	26							
		3	Quite a bit	150	35	5,709	31	2,409	32	71,509	32							
		4	Very much	150	34	5,940	32	2,329	30	68,047	31							
		Total		432	100	18,108	100	7,487	100	221,195	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	39	9	1,901	11	709	10	21,064	10	<b>2.8</b>	2.8	-0.02	2.8	.00	2.8	-0.02
		2	Some	117	29	4,617	26	2,069	28	58,758	27							
		3	Quite a bit	149	34	6,031	33	2,607	34	76,654	34							
		4	Very much	121	27	5,530	30	2,112	28	64,536	29							
		Total		426	100	18,079	100	7,497	100	221,012	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	38	9	2,541	15	1,029	14	29,457	14	<b>2.8</b>	2.7	.07	2.7	.07	2.7	.07
		2	Some	135	32	5,110	29	2,146	28	64,205	29							
		3	Quite a bit	139	32	5,506	30	2,395	31	69,788	31							
		4	Very much	114	26	4,857	26	1,890	26	56,697	26							
		Total		426	100	18,014	100	7,460	100	220,147	100							

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## University of Houston-Downtown

### Seniors

#### Frequency Distributions<sup>a</sup>

#### Statistical Comparisons<sup>b</sup>

*Your seniors compared with*

Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016		UHD		Southwest Public		Carnegie Class		NSSE 2015 & 2016	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
<b>18. How would you evaluate your entire educational experience at this institution?</b>																			
	evalexp	1	Poor	13	3	423	3	190	3	5,108	3	<b>3.2</b>	3.3	-.07	3.3	-.09	3.3	-.07	
		2	Fair	55	13	1,960	12	838	11	24,237	12								
		3	Good	198	46	7,843	43	3,161	42	96,464	44								
		4	Excellent	167	39	7,953	43	3,337	44	96,264	42								
			Total	433	100	18,179	100	7,526	100	222,073	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	28	7	781	5	403	5	10,477	5	<b>3.1</b>	3.3 **	-.13	3.2	-.06	3.2	-.08	
		2	Probably no	61	14	2,104	12	972	13	28,255	13								
		3	Probably yes	161	37	6,701	37	2,891	38	84,689	38								
		4	Definitely yes	182	42	8,602	46	3,261	44	98,900	44								
			Total	432	100	18,188	100	7,527	100	222,321	100								

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Houston-Downtown

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UHD	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:		
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016
1 a. askquest	117	2.70	2.72	2.91	2.87	.081	.008	.013	.002	.87	.86	.84	.86	12,023	4,173	131,493	.844	.009	.033	-.02	-.24	-.20
b. drafts	116	2.75	2.46	2.61	2.54	.083	.009	.015	.003	.89	1.00	.96	.99	117	4,135	115	.001	.131	.012	.29	.14	.21
c. unpreparedr	113	3.01	2.96	3.07	3.03	.081	.007	.012	.002	.86	.80	.76	.78	11,813	4,101	129,510	.509	.389	.816	.06	-.08	-.02
d. attendart	113	1.92	1.97	1.95	1.96	.095	.009	.015	.003	1.01	.94	.94	.94	11,752	4,096	128,812	.570	.760	.723	-.05	-.03	-.03
e. CLaskhelp	113	2.70	2.63	2.56	2.58	.088	.008	.014	.002	.94	.88	.88	.89	11,717	4,081	128,389	.361	.085	.158	.09	.16	.13
f. CLexplain	113	2.63	2.74	2.70	2.71	.079	.008	.013	.002	.84	.82	.82	.83	11,662	4,075	127,771	.167	.355	.321	-.13	-.09	-.09
g. CLstudy	112	2.49	2.58	2.52	2.54	.097	.009	.015	.003	1.02	.97	.96	.98	11,644	4,057	127,515	.337	.736	.589	-.09	-.03	-.05
h. CLproject	111	2.72	2.66	2.61	2.63	.083	.008	.014	.002	.87	.87	.87	.88	11,593	4,043	126,826	.510	.221	.310	.06	.12	.10
i. present	112	2.60	2.19	2.36	2.30	.084	.009	.015	.003	.89	.92	.91	.91	11,550	4,029	126,294	.000	.006	.000	.45	.26	.33
2 a. RIntegrate	109	2.74	2.60	2.61	2.65	.077	.008	.014	.002	.81	.85	.86	.86	11,201	3,938	122,967	.103	.126	.274	.16	.15	.10
b. RIsocietal	109	2.63	2.55	2.59	2.62	.086	.008	.014	.003	.90	.88	.88	.87	11,115	3,912	121,896	.295	.617	.879	.10	.05	.01
c. RIdiverse	107	2.63	2.54	2.56	2.59	.082	.009	.015	.003	.85	.91	.91	.90	11,093	3,899	121,578	.317	.426	.624	.10	.08	.05
d. Rlownview	107	2.81	2.76	2.78	2.79	.077	.008	.013	.002	.80	.83	.81	.82	11,033	3,893	121,018	.562	.754	.798	.06	.03	.02
e. Rlperspect	107	2.90	2.89	2.88	2.89	.081	.008	.013	.002	.83	.82	.81	.82	11,004	3,876	120,546	.906	.826	.971	.01	.02	.00
f. Rlnewview	105	2.97	2.83	2.86	2.86	.080	.008	.013	.002	.82	.81	.80	.81	10,948	3,855	119,998	.084	.167	.160	.17	.14	.14
g. Rlconnect	104	3.01	3.01	3.04	3.06	.078	.008	.013	.002	.80	.78	.77	.77	10,907	3,828	119,480	.949	.749	.542	.01	-.03	-.06
3 a. SFcareer	105	2.30	2.24	2.24	2.22	.098	.009	.015	.003	1.01	.92	.92	.91	10,896	3,840	104	.543	.549	.435	.06	.06	.08
b. SFotherwork	105	1.95	1.81	1.77	1.75	.105	.009	.015	.003	1.07	.94	.92	.92	10,864	3,824	104	.111	.045	.057	.16	.20	.22
c. SFdiscuss	105	2.07	2.00	2.03	2.00	.100	.009	.015	.003	1.03	.92	.91	.90	10,837	3,809	104	.425	.667	.463	.08	.04	.08
d. SFperform	105	2.35	2.11	2.15	2.13	.097	.009	.015	.003	.99	.90	.89	.89	106	109	104	.018	.052	.029	.26	.22	.24
4 a. memorize	104	2.98	2.97	2.92	2.94	.083	.008	.013	.002	.84	.81	.82	.82	10,840	3,811	118,781	.979	.499	.644	.00	.07	.05
b. HOapply	103	2.94	2.93	2.92	2.96	.083	.008	.013	.002	.84	.82	.81	.81	10,784	3,797	118,219	.897	.808	.821	.01	.02	-.02
c. HOanalyze	103	3.14	2.93	2.91	2.96	.076	.008	.014	.002	.78	.83	.83	.83	10,707	3,777	117,603	.013	.006	.034	.25	.27	.21
d. HOevaluate	103	3.17	2.89	2.90	2.92	.079	.008	.014	.002	.80	.84	.82	.83	10,726	3,775	117,572	.001	.001	.002	.33	.33	.30
e. HOform	103	3.07	2.88	2.89	2.90	.078	.008	.014	.002	.80	.84	.83	.83	10,693	3,768	117,284	.025	.025	.037	.22	.22	.21
5 a. ETgoals	104	3.13	3.10	3.12	3.11	.085	.008	.013	.002	.87	.79	.77	.78	105	108	104	.734	.954	.818	.04	.01	.02
b. ETorganize	104	3.04	3.04	3.08	3.06	.091	.008	.013	.002	.93	.82	.80	.80	104	107	103	.994	.652	.861	.00	-.05	-.02
c. ETexample	103	3.10	3.05	3.09	3.06	.088	.008	.014	.002	.89	.84	.83	.83	10,715	107	102	.551	.922	.679	.06	.01	.04
d. ETdraftfb	104	2.95	2.79	2.91	2.85	.094	.009	.015	.003	.96	.93	.90	.92	10,724	3,771	117,334	.069	.588	.266	.18	.05	.11
e. ETfeedback	101	2.87	2.71	2.84	2.78	.093	.009	.015	.003	.93	.93	.89	.91	10,693	3,759	116,990	.088	.739	.321	.17	.03	.10



# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Houston-Downtown

#### First-Year Students

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UHD	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:		
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016
6 a. QRconclude	103	2.69	2.62	2.56	2.59	.082	.009	.015	.003	.83	.92	.91	.92	10,740	3,777	117,679	.468	.162	.267	.07	.14	.11
b. QRproblem	103	2.58	2.34	2.30	2.31	.084	.009	.016	.003	.86	.95	.94	.94	10,714	3,764	117,420	.011	.003	.005	.25	.30	.28
c. QRevaluate	103	2.48	2.31	2.26	2.30	.094	.009	.015	.003	.95	.92	.91	.91	10,686	3,753	117,108	.055	.013	.040	.19	.25	.20
7 a. wrshortnum	92	5.74	5.84	7.04	6.82	.432	.054	.103	.018	4.16	5.30	5.95	5.75	94	102	92	.809	.004	.014	-.02	-.22	-.19
b. wrmednum	89	2.82	1.94	2.22	2.23	.377	.033	.052	.010	3.56	3.17	2.97	3.14	90	92	104,466	.022	.120	.078	.28	.20	.19
c. wrlongnum	87	1.44	.83	.86	.86	.348	.030	.043	.008	3.25	2.83	2.42	2.69	87	89	86	.082	.099	.099	.22	.24	.22
— wrpages	86	57.18	43.51	50.11	49.23	7.376	.702	1.056	.199	68.54	66.78	59.18	63.16	9,138	3,224	100,808	.059	.276	.242	.20	.12	.13
8 a. DDrace	97	2.97	3.09	2.95	3.07	.099	.009	.016	.003	.97	.93	.96	.92	9,844	3,470	108,217	.235	.781	.296	-.12	.03	-.11
b. DDeconomic	97	2.95	3.06	2.98	3.05	.101	.009	.016	.003	.99	.91	.91	.90	9,806	3,465	107,836	.250	.717	.264	-.12	-.04	-.11
c. DDreligion	97	2.91	3.01	2.91	2.98	.103	.010	.016	.003	1.02	.95	.95	.95	9,803	3,459	107,765	.284	.965	.432	-.11	.00	-.08
d. DDpolitical	94	2.82	2.99	2.94	2.97	.101	.010	.016	.003	.98	.94	.94	.94	95	3,448	93	.105	.246	.159	-.18	-.12	-.15
9 a. LSreading	97	3.06	3.04	3.07	3.11	.078	.008	.013	.002	.77	.79	.77	.77	9,724	3,442	107,209	.811	.868	.496	.02	-.02	-.07
b. LSnotes	97	3.09	2.89	2.93	2.93	.087	.009	.015	.003	.86	.90	.89	.90	9,714	3,435	106,953	.030	.076	.070	.22	.18	.18
c. LSsummary	92	2.82	2.77	2.82	2.84	.094	.009	.015	.003	.90	.92	.88	.89	9,634	3,411	106,051	.636	.990	.827	.05	.00	-.02
10. challenge	97	5.60	5.48	5.50	5.53	.127	.012	.021	.004	1.25	1.17	1.20	1.17	9,712	3,432	106,902	.316	.406	.557	.10	.09	.06
11 a. intern <sup>l</sup>	96	.118	.084	.094	.087	.0330	.0028	.0051	.0009	--	--	--	--	--	--	--	.245	.440	.281	.11	.08	.10
b. leader <sup>l</sup>	95	.121	.127	.119	.117	.0336	.0034	.0056	.0010	--	--	--	--	--	--	--	.853	.955	.902	-.02	.01	.01
c. learncom <sup>l</sup>	95	.203	.145	.100	.150	.0416	.0036	.0052	.0011	--	--	--	--	--	--	--	.114	.001	.151	.15	.29	.14
d. abroad <sup>l</sup>	96	.127	.040	.031	.035	.0342	.0020	.0030	.0006	--	--	--	--	--	--	--	.000	.000	.000	.33	.38	.35
e. research <sup>l</sup>	95	.113	.061	.048	.055	.0326	.0025	.0037	.0007	--	--	--	--	--	--	--	.036	.005	.013	.19	.24	.21
f. capstone <sup>l</sup>	95	.068	.033	.032	.028	.0259	.0018	.0031	.0005	--	--	--	--	--	--	--	.062	.054	.020	.16	.17	.19
12. servcourse	96	2.05	1.66	1.72	1.63	.081	.007	.012	.002	.79	.69	.68	.69	9,570	3,393	105,168	.000	.000	.000	.57	.48	.62
13 a. QIstudent	93	5.56	5.45	5.49	5.49	.139	.014	.025	.004	1.34	1.41	1.41	1.39	9,574	3,375	105,269	.439	.660	.610	.08	.05	.05
b. QIadvisor	91	4.97	5.18	5.21	5.19	.192	.017	.030	.005	1.83	1.68	1.70	1.69	9,477	3,319	103,431	.229	.187	.224	-.13	-.14	-.13
c. QIfaculty	92	5.09	5.18	5.42	5.28	.172	.016	.025	.004	1.65	1.51	1.44	1.45	9,480	95	91	.578	.068	.281	-.06	-.22	-.13
d. QIstaff	87	4.76	5.00	5.02	4.99	.216	.018	.032	.006	2.02	1.69	1.72	1.69	87	90	86	.268	.227	.297	-.14	-.15	-.13
e. QIadmin	90	4.75	4.88	5.10	4.92	.192	.018	.030	.005	1.82	1.71	1.67	1.71	9,055	93	98,514	.462	.077	.356	-.08	-.21	-.10
14 a. empstudy	92	3.12	3.14	3.16	3.17	.088	.008	.014	.002	.84	.77	.76	.76	9,009	3,197	99,611	.800	.646	.476	-.03	-.05	-.07
b. SEacademic	92	3.06	3.08	3.10	3.09	.095	.009	.015	.003	.90	.84	.83	.83	8,932	3,174	98,778	.819	.709	.786	-.02	-.04	-.03
c. SElearnsup	89	3.11	3.15	3.14	3.13	.110	.009	.016	.003	1.04	.88	.88	.88	89	91	88	.716	.803	.858	-.05	-.03	-.02

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Houston-Downtown

#### First-Year Students

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UHD	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:			
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	
d. SEdiverse	89	3.03	2.79	2.73	2.76	.104	.010	.018	.003	.98	.96	.97	.97	8,940	3,171	98,740	.018	.004	.008	.25	.31	.28	
e. SESocial	90	2.96	3.02	2.94	2.99	.101	.009	.016	.003	.96	.88	.89	.89	8,927	3,170	98,608	.511	.903	.736	-.07	.01	-.04	
f. SEwellness	88	2.83	2.99	2.92	2.95	.111	.010	.016	.003	1.05	.90	.90	.91	88	91	87	.159	.393	.268	-.18	-.11	-.14	
g. SEnonacad	87	2.73	2.44	2.37	2.39	.108	.010	.018	.003	1.00	.98	.99	.99	8,904	3,152	98,330	.006	.001	.001	.30	.36	.34	
h. SEactivities	87	2.70	2.95	2.87	2.86	.118	.010	.017	.003	1.10	.91	.93	.95	87	89	86	.039	.169	.191	-.27	-.18	-.16	
i. SEevents	85	2.84	2.60	2.59	2.57	.115	.010	.017	.003	1.06	.97	.96	.98	8,838	3,133	97,833	.020	.017	.009	.25	.26	.28	
15 a. tmprephrs	89	12.85	13.64	13.15	14.30	.827	.089	.147	.027	7.79	8.33	8.16	8.34	8,910	3,157	98,425	.378	.738	.103	-.09	-.04	-.17	
b. tmcocurrhrs	87	4.88	5.58	5.13	5.46	.741	.074	.127	.022	6.93	6.92	7.03	6.87	8,862	3,135	97,806	.345	.745	.430	-.10	-.04	-.08	
c. tmworkonhrs	85	2.79	2.51	2.65	2.38	.677	.065	.104	.018	6.25	6.11	5.74	5.57	8,869	3,145	98,057	.667	.818	.499	.05	.03	.07	
d. tmworkoffhrs	86	10.37	5.23	7.55	5.69	1.308	.100	.204	.032	12.12	9.36	11.29	10.06	86	3,133	85	.000	.023	.001	.55	.25	.47	
— tmworkhrs	82	12.51	7.64	10.09	7.99	1.538	.121	.219	.037	13.94	11.31	12.05	11.44	82	84	81	.002	.123	.004	.43	.20	.40	
e. tmervicehrs	86	4.16	2.93	2.59	2.53	.635	.054	.082	.015	5.88	5.03	4.51	4.68	86	88	85	.058	.016	.012	.24	.34	.35	
f. tmrelaxhrs	89	9.59	12.01	11.48	12.12	.773	.091	.153	.027	7.29	8.55	8.43	8.49	90	3,134	97,646	.002	.036	.005	-.28	-.23	-.30	
g. tmcarehrs	87	6.84	2.71	3.79	3.28	1.114	.070	.152	.025	10.41	6.58	8.40	7.83	87	90	86	.000	.008	.002	.62	.36	.45	
h. tmcommutehrs	89	7.32	4.71	4.01	3.80	.726	.065	.108	.018	6.84	6.12	5.97	5.69	89	92	88	.001	.000	.000	.43	.55	.62	
16. reading	89	3.09	2.66	2.84	2.80	.130	.011	.020	.004	1.22	1.08	1.10	1.10	8,829	3,135	97,559	.000	.035	.015	.40	.23	.26	
— tmreadinghrs	89	7.19	6.03	6.35	6.74	.699	.060	.105	.019	6.58	5.63	5.80	5.92	89	3,119	97,069	.104	.183	.483	.20	.14	.07	
17 a. pgwrite	87	3.16	2.79	2.91	2.85	.079	.010	.016	.003	.74	.91	.86	.89	88	3,126	86	.000	.009	.000	.40	.29	.34	
b. pgspeak	88	2.90	2.66	2.74	2.69	.093	.010	.017	.003	.87	.94	.91	.94	89	3,109	87	.014	.112	.031	.25	.17	.22	
c. pgthink	87	3.19	3.05	3.08	3.08	.084	.009	.015	.003	.78	.83	.82	.82	8,805	3,118	97,416	.133	.220	.251	.16	.13	.12	
d. pganalyze	87	2.93	2.68	2.60	2.62	.101	.010	.017	.003	.94	.94	.94	.97	8,802	3,107	97,257	.016	.002	.003	.26	.34	.32	
e. pgwork	87	2.75	2.59	2.62	2.62	.099	.010	.017	.003	.93	.97	.96	.97	8,802	3,114	97,362	.123	.232	.203	.17	.13	.14	
f. pgothers	88	3.03	2.84	2.83	2.84	.096	.010	.016	.003	.90	.90	.88	.90	8,797	3,115	97,206	.054	.039	.048	.21	.22	.21	
g. pgvalues	88	3.00	2.67	2.71	2.71	.097	.010	.017	.003	.91	.97	.95	.97	89	93	87	.001	.004	.003	.34	.31	.31	
h. pgdiverse	87	3.05	2.80	2.76	2.77	.090	.010	.017	.003	.84	.95	.96	.96	88	92	86	.007	.002	.003	.27	.30	.29	
i. pgprobsolve	88	2.88	2.61	2.61	2.63	.097	.010	.017	.003	.91	.95	.94	.95	8,777	3,117	97,225	.009	.007	.014	.28	.29	.26	
j. pgcitizen	87	2.90	2.65	2.60	2.63	.101	.010	.018	.003	.94	.96	.96	.96	8,755	3,097	96,807	.013	.004	.007	.27	.31	.29	
18. evalexp	88	3.11	3.21	3.20	3.20	.081	.008	.013	.002	.76	.72	.73	.73	8,830	3,129	97,771	.199	.219	.220	-.14	-.13	-.13	
19. sameinst	88	3.25	3.23	3.19	3.21	.083	.008	.015	.003	.78	.79	.82	.81	8,836	3,134	97,884	.766	.452	.652	.03	.08	.05	

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Houston-Downtown

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UHD	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:		
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016
1 a. askquest	579	3.10	3.03	3.26	3.15	.037	.007	.012	.002	.89	.89	.82	.86	17,826	717	155,943	.046	.000	.180	.08	-.18	-.06
b. drafts	572	2.73	2.45	2.54	2.45	.043	.008	.016	.003	1.03	1.03	1.01	1.03	17,617	4,829	154,482	.000	.000	.000	.27	.19	.28
c. unpreparedr	565	3.14	2.96	3.06	2.99	.032	.006	.012	.002	.77	.82	.79	.81	17,531	4,801	153,670	.000	.021	.000	.22	.10	.19
d. attendart	563	1.62	1.77	1.88	1.84	.035	.007	.015	.002	.83	.91	.94	.92	17,430	4,789	152,860	.000	.000	.000	-.17	-.28	-.24
e. CLaskhelp	565	2.29	2.43	2.43	2.41	.038	.007	.014	.002	.91	.92	.89	.91	603	4,788	152,565	.001	.001	.002	-.15	-.15	-.13
f. CLexplain	564	2.59	2.73	2.76	2.74	.037	.007	.013	.002	.88	.87	.86	.86	17,351	4,767	152,020	.000	.000	.000	-.16	-.19	-.17
g. CLstudy	558	2.34	2.48	2.48	2.47	.041	.008	.015	.003	.98	1.02	.99	1.01	597	4,755	561	.001	.002	.002	-.14	-.14	-.13
h. CLproject	554	2.83	2.83	2.85	2.87	.039	.007	.014	.002	.91	.94	.91	.93	17,257	4,740	151,262	.948	.702	.335	.00	-.02	-.04
i. present	554	2.55	2.58	2.78	2.70	.042	.008	.015	.003	.99	1.00	.96	.98	17,164	697	150,605	.480	.000	.000	-.03	-.24	-.16
2 a. RIntegrate	543	2.82	2.94	2.98	2.99	.037	.007	.013	.002	.86	.86	.84	.84	16,729	686	546	.001	.000	.000	-.14	-.18	-.20
b. RISocietal	544	2.79	2.78	2.88	2.85	.038	.007	.014	.002	.89	.92	.89	.90	16,611	4,629	146,307	.757	.023	.120	.01	-.10	-.07
c. RIDiverse	542	2.56	2.56	2.73	2.67	.042	.008	.015	.003	.98	.99	.94	.96	16,569	679	146,082	.935	.000	.006	.00	-.19	-.12
d. Rlownview	540	2.85	2.82	2.89	2.87	.037	.007	.013	.002	.85	.86	.84	.84	16,509	4,613	145,597	.502	.269	.466	.03	-.05	-.03
e. Rlperspect	540	2.87	2.93	2.99	2.97	.036	.007	.013	.002	.84	.84	.81	.83	16,443	680	543	.106	.003	.008	-.07	-.14	-.12
f. Rlnewview	535	2.91	2.92	2.97	2.96	.035	.007	.013	.002	.81	.82	.81	.81	16,366	4,584	144,678	.835	.149	.178	-.01	-.07	-.06
g. Rlconnect	524	3.21	3.18	3.25	3.23	.033	.006	.012	.002	.75	.77	.74	.75	16,304	4,557	144,098	.488	.252	.516	.03	-.05	-.03
3 a. SFcareer	526	2.10	2.31	2.47	2.40	.042	.008	.016	.003	.95	.98	.99	.98	563	682	529	.000	.000	.000	-.21	-.37	-.31
b. SFotherwork	523	1.64	1.87	1.99	1.93	.039	.008	.017	.003	.90	1.01	1.05	1.03	566	717	527	.000	.000	.000	-.23	-.34	-.28
c. SFdiscuss	523	1.84	2.09	2.25	2.17	.041	.008	.015	.003	.93	.97	.98	.97	16,248	684	143,482	.000	.000	.000	-.26	-.42	-.34
d. SFperform	524	1.97	2.14	2.28	2.20	.040	.007	.015	.002	.91	.93	.93	.93	16,225	674	527	.000	.000	.000	-.18	-.33	-.25
4 a. memorize	523	2.81	2.76	2.71	2.74	.038	.007	.014	.002	.87	.91	.90	.91	560	676	526	.150	.011	.043	.06	.12	.08
b. HOapply	521	3.07	3.10	3.10	3.12	.034	.007	.013	.002	.78	.82	.80	.80	559	4,535	524	.393	.390	.133	-.04	-.04	-.06
c. HOanalyze	520	3.04	3.07	3.08	3.09	.036	.007	.013	.002	.82	.84	.82	.83	556	4,523	142,597	.388	.283	.194	-.04	-.05	-.06
d. HOevaluate	518	3.02	2.94	3.00	2.97	.037	.007	.013	.002	.85	.88	.84	.87	554	4,521	521	.037	.668	.201	.09	.02	.06
e. HOform	515	3.00	2.97	3.00	2.98	.037	.007	.013	.002	.83	.86	.83	.85	16,121	4,506	142,203	.417	.918	.618	.04	.00	.02
5 a. ETgoals	525	3.10	3.17	3.18	3.17	.038	.006	.012	.002	.87	.80	.78	.78	553	637	527	.041	.034	.045	-.10	-.11	-.10
b. ETorganize	526	3.04	3.11	3.13	3.12	.038	.007	.012	.002	.87	.82	.79	.80	16,157	4,538	142,780	.035	.010	.019	-.09	-.12	-.10
c. ETexample	520	3.00	3.12	3.15	3.13	.040	.007	.013	.002	.91	.85	.83	.83	16,137	4,530	142,545	.003	.000	.000	-.13	-.17	-.15
d. ETdraftfb	523	2.77	2.74	2.87	2.79	.044	.008	.015	.003	1.01	1.00	.96	.98	16,121	650	142,474	.583	.027	.586	.02	-.11	-.02
e. ETfeedback	524	2.81	2.82	2.92	2.87	.042	.008	.014	.002	.95	.95	.91	.91	16,068	652	526	.712	.014	.157	-.02	-.12	-.07

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Houston-Downtown

#### Seniors

Variable Name	N		Mean			Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UHD	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:		
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016
6 a. QRconclude	523	2.63	2.66	2.62	2.66	.040	.008	.015	.003	.91	.95	.94	.95	16,154	4,543	142,837	.454	.776	.453	-.03	.01	-.03
b. QRproblem	523	2.43	2.44	2.42	2.45	.041	.008	.015	.003	.94	.98	.97	.98	561	4,533	142,585	.932	.827	.714	.00	.01	-.02
c. QRevaluate	522	2.33	2.42	2.40	2.44	.041	.008	.015	.003	.94	.95	.94	.95	16,102	4,531	142,331	.034	.099	.007	-.09	-.08	-.12
7 a. wrshortnum	463	6.92	6.45	8.01	7.86	.296	.052	.113	.019	6.36	6.17	6.87	6.80	14,592	605	466	.111	.001	.002	.08	-.16	-.14
b. wrmednum	450	3.45	2.98	3.56	3.69	.206	.034	.070	.012	4.37	4.01	4.25	4.45	14,309	4,094	128,886	.015	.584	.242	.12	-.03	-.06
c. wrlongnum	448	2.14	1.82	1.90	2.02	.195	.032	.058	.010	4.14	3.76	3.46	3.71	472	528	450	.107	.236	.538	.08	.07	.03
— wrpages	434	77.80	67.49	78.26	80.83	4.667	.752	1.431	.256	97.20	86.74	84.84	89.94	455	517	123,618	.030	.925	.484	.12	-.01	-.03
8 a. DDrace	479	3.17	3.17	2.95	3.11	.044	.008	.015	.003	.96	.93	.95	.92	15,001	4,268	133,822	.962	.000	.164	.00	.23	.06
b. DDeconomic	479	3.09	3.12	3.00	3.10	.044	.008	.014	.002	.97	.91	.89	.89	14,942	585	481	.518	.067	.776	-.03	.10	-.01
c. DDreligion	477	2.98	3.06	2.92	3.02	.046	.008	.015	.003	.99	.95	.93	.94	14,945	4,247	133,253	.065	.211	.339	-.09	.06	-.04
d. DDpolitical	474	2.93	3.06	2.97	3.03	.046	.008	.015	.003	.99	.94	.92	.93	502	580	476	.006	.430	.033	-.14	-.04	-.11
9 a. LSreading	474	3.26	3.18	3.22	3.21	.034	.007	.013	.002	.73	.80	.79	.79	14,892	4,239	133,023	.025	.221	.178	.10	.06	.06
b. LSnotes	475	3.03	2.92	2.89	2.88	.040	.008	.015	.003	.88	.93	.94	.94	510	620	478	.007	.001	.000	.12	.15	.17
c. LSsummary	469	2.99	2.90	2.90	2.89	.039	.008	.015	.003	.85	.92	.91	.92	504	609	471	.027	.045	.013	.10	.09	.11
10. challenge	472	5.94	5.68	5.69	5.66	.056	.010	.020	.003	1.21	1.23	1.20	1.21	504	4,229	132,543	.000	.000	.000	.21	.21	.24
11 a. intern <sup>l</sup>	473	.283	.411	.505	.501	.0207	.0041	.0082	.0014	--	--	--	--	--	--	--	.000	.000	.000	-.27	-.46	-.45
b. leader <sup>l</sup>	472	.135	.306	.334	.354	.0157	.0039	.0077	.0013	--	--	--	--	--	--	--	.000	.000	.000	-.42	-.48	-.52
c. learncom <sup>l</sup>	471	.163	.218	.245	.243	.0170	.0035	.0070	.0012	--	--	--	--	--	--	--	.004	.000	.000	-.14	-.20	-.20
d. abroad <sup>l</sup>	467	.039	.097	.108	.138	.0089	.0025	.0051	.0010	--	--	--	--	--	--	--	.000	.000	.000	-.24	-.27	-.37
e. research <sup>l</sup>	466	.126	.199	.258	.237	.0154	.0033	.0072	.0012	--	--	--	--	--	--	--	.000	.000	.000	-.20	-.34	-.29
f. capstone <sup>l</sup>	470	.285	.362	.505	.459	.0208	.0040	.0082	.0014	--	--	--	--	--	--	--	.001	.000	.000	-.16	-.45	-.36
12. servcourse	466	1.87	1.72	1.88	1.74	.035	.006	.011	.002	.75	.74	.70	.71	495	570	131,509	.000	.807	.000	.20	-.01	.18
13 a. QIstudent	463	5.71	5.65	5.73	5.66	.066	.012	.021	.004	1.42	1.36	1.29	1.31	14,507	562	465	.369	.695	.516	.04	-.02	.03
b. QIadvisor	456	4.84	5.18	5.39	5.22	.090	.015	.028	.005	1.92	1.79	1.72	1.77	481	549	458	.000	.000	.000	-.19	-.32	-.21
c. QIfaculty	459	5.40	5.51	5.67	5.54	.075	.012	.023	.004	1.60	1.46	1.37	1.39	483	545	460	.174	.001	.061	-.07	-.19	-.10
d. QIstaff	369	4.68	4.91	4.95	4.89	.101	.017	.033	.005	1.93	1.78	1.79	1.75	388	450	370	.023	.010	.032	-.13	-.15	-.12
e. QIadmin	437	4.76	4.89	5.05	4.88	.091	.015	.029	.005	1.90	1.77	1.71	1.74	461	525	438	.155	.002	.200	-.07	-.17	-.07
14 a. empstudy	442	3.14	3.17	3.14	3.17	.037	.007	.013	.002	.79	.78	.78	.77	14,012	4,019	126,002	.484	.939	.500	-.03	.00	-.03
b. SEacademic	436	2.81	2.97	2.99	2.96	.044	.007	.015	.002	.91	.86	.86	.86	461	536	438	.001	.000	.001	-.18	-.20	-.17
c. SElearnsup	438	2.88	2.88	2.89	2.88	.046	.008	.016	.003	.97	.95	.94	.93	13,903	3,980	125,006	.995	.776	.954	.00	-.01	.00

# NSSE 2016 Frequencies and Statistical Comparisons

## Detailed Statistics<sup>g</sup>

### University of Houston-Downtown

#### Seniors

Variable Name	N		Mean				Standard error <sup>h</sup>				Standard deviation <sup>i</sup>				Degrees of freedom <sup>j</sup>			Significance <sup>k</sup>			Effect size <sup>e</sup>		
	UHD	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	UHD	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Comparisons with:			Comparisons with:			Comparisons with:			
														Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	Southwest Public	Carnegie Class	NSSE 2015 & 2016	
d. SEdiverse	439	2.70	2.65	2.59	2.60	.049	.009	.017	.003	1.03	1.02	1.00	1.01	13,906	3,988	125,001	.251	.021	.041	.06	.12	.10	
e. SESocial	434	2.77	2.87	2.83	2.84	.048	.008	.016	.003	1.00	.94	.93	.93	457	527	435	.054	.257	.143	-.10	-.06	-.08	
f. SEwellness	432	2.55	2.77	2.72	2.75	.050	.008	.016	.003	1.04	.98	.98	.97	456	527	433	.000	.001	.000	-.22	-.17	-.20	
g. SEnonacad	433	2.10	2.13	2.13	2.10	.051	.009	.017	.003	1.06	1.02	1.01	1.00	13,847	531	434	.547	.582	.959	-.03	-.03	.00	
h. SEactivities	434	2.46	2.69	2.61	2.63	.051	.009	.016	.003	1.06	1.00	.98	1.00	458	527	436	.000	.005	.001	-.23	-.15	-.17	
i. SEevents	430	2.56	2.40	2.45	2.40	.051	.009	.016	.003	1.07	.99	.98	.98	453	521	432	.002	.035	.002	.16	.12	.17	
15 a. tmprephrs	435	14.53	14.54	14.41	14.87	.439	.078	.149	.025	9.15	8.99	8.86	8.89	13,856	3,971	124,583	.972	.792	.419	.00	.01	-.04	
b. tmcocurrhrs	431	2.58	4.16	4.36	4.67	.254	.056	.117	.020	5.27	6.47	6.97	6.91	473	630	435	.000	.000	.000	-.24	-.26	-.30	
c. tmworkonhrs	432	1.46	3.77	3.91	3.72	.259	.067	.125	.021	5.38	7.78	7.41	7.24	491	650	436	.000	.000	.000	-.30	-.34	-.31	
d. tmworkoffhrs	431	19.95	13.36	14.16	12.62	.678	.119	.232	.038	14.06	13.70	13.70	13.38	13,746	3,930	432	.000	.000	.000	.48	.42	.55	
— tmworkhrs	429	21.37	17.00	17.96	16.23	.686	.121	.228	.038	14.21	13.90	13.42	13.40	13,654	526	430	.000	.000	.000	.31	.25	.38	
e. tmervicehrs	429	3.32	3.28	3.55	3.24	.290	.049	.098	.016	6.01	5.60	5.81	5.52	13,715	3,937	123,331	.883	.426	.782	.01	-.04	.01	
f. tmrelaxhrs	430	7.71	9.93	9.95	10.52	.361	.069	.134	.023	7.49	7.96	7.96	8.06	461	555	433	.000	.000	.000	-.28	-.28	-.35	
g. tmcarehrs	429	11.52	7.74	8.38	6.72	.649	.105	.212	.033	13.45	12.08	12.55	11.49	451	524	431	.000	.000	.000	.31	.25	.42	
h. tmcommutehrs	430	6.70	5.50	4.69	4.80	.354	.051	.097	.016	7.35	5.95	5.76	5.69	447	496	431	.001	.000	.000	.20	.34	.33	
16. reading	431	3.29	2.89	3.01	2.90	.054	.010	.020	.003	1.12	1.20	1.16	1.18	13,772	3,949	124,002	.000	.000	.000	.34	.24	.33	
— tmreadinghrs	431	8.61	7.19	7.57	7.36	.361	.057	.111	.018	7.50	6.52	6.56	6.45	452	514	432	.000	.006	.001	.22	.16	.19	
17 a. pgwrite	433	3.04	2.98	3.05	3.04	.043	.008	.015	.003	.89	.92	.90	.90	13,799	3,945	124,194	.255	.675	.995	.06	-.02	.00	
b. pgspeak	430	2.88	2.90	2.96	2.93	.046	.008	.016	.003	.95	.96	.93	.94	13,749	3,928	123,768	.644	.096	.273	-.02	-.09	-.05	
c. pgthink	433	3.18	3.27	3.29	3.30	.039	.007	.014	.002	.82	.81	.80	.80	13,765	3,928	123,770	.022	.009	.002	-.11	-.13	-.15	
d. pganalyze	430	2.87	2.88	2.78	2.84	.045	.009	.017	.003	.93	.98	.99	.99	13,739	557	432	.722	.085	.551	-.02	.08	.03	
e. pgwork	431	2.82	2.92	2.98	2.94	.048	.009	.016	.003	1.00	.99	.98	.97	13,766	535	433	.047	.003	.016	-.10	-.16	-.12	
f. pgothers	431	2.99	3.03	3.04	3.04	.042	.008	.015	.003	.88	.91	.90	.90	13,731	3,936	123,608	.411	.226	.200	-.04	-.06	-.06	
g. pgvalues	432	2.93	2.80	2.85	2.83	.047	.009	.017	.003	.97	1.03	1.00	1.01	463	549	434	.005	.118	.024	.13	.08	.11	
h. pgdiverse	432	2.95	2.84	2.81	2.82	.045	.009	.017	.003	.94	1.00	1.00	.99	463	558	434	.026	.004	.007	.10	.14	.13	
i. pgprobsolve	425	2.80	2.82	2.80	2.82	.046	.009	.016	.003	.95	.99	.96	.96	13,727	3,926	123,630	.715	.979	.632	-.02	.00	-.02	
j. pgcitizen	426	2.75	2.68	2.68	2.68	.046	.009	.017	.003	.95	1.02	1.01	1.01	457	550	428	.133	.155	.140	.07	.07	.07	
18. evalexp	433	3.20	3.26	3.27	3.25	.037	.007	.013	.002	.77	.76	.77	.76	13,820	3,948	124,304	.136	.090	.139	-.07	-.09	-.07	
19. sameinst	431	3.14	3.25	3.20	3.21	.043	.007	.014	.002	.90	.84	.86	.85	13,825	3,946	124,440	.009	.204	.093	-.13	-.06	-.08	

### Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent  $t$ -tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a  $z$ -test.
- c. Items which 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.
- d. 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.
- e. Effect size for independent  $t$ -tests uses Cohen's  $d$ ;  $z$ -tests use Cohen's  $h$ . See page 2 for more details.
- f. Statistical comparison uses  $z$ -test to compare the percentage who responded "Done or in progress."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the  $t$ -tests. Values differ from Ns due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent  $t$ -tests or  $z$ -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress."