



---

# NSSE 2017

## Frequencies and Statistical Comparisons

Embry Riddle Aeronautical University-Worldwide

---

# NSSE 2017 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.

**NSSE 2017 Frequencies and Statistical Comparisons**  
NSSEville State University

Seniors ← 1

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>											
				NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017	NSSEville State	Private Doc-Granting	Carnegie UG Program	NSSE 2016 & 2017								
				Count	%	Count	%	Count	%	Count	%	Mean	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 2 3 4	Never Sometimes Often Very often	3 153 212 280	0 20 33 46	244 4,397 5,947 5,440	2 27 37 34	54 845 1,086 889	2 29 38 31	6,952 75,222 81,724 66,983	3 33 35 29	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43	
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1 2 3 4	Never Sometimes Often Very often	82 267 164 113	13 42 26 19	2,369 5,959 4,548 3,072	14 34 20 20	401 979 1,119 611	14 34 11 21	35,490 79,495 77,348 47,208	16 34 29 21	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05	
c. Evaluated what others have concluded from numerical information	QRevaluate	1 2 3 4	Never Sometimes Often Very often	25 56 384 150	4 9 63 24	778 1,666 9,147 4,267	5 11 57 27	134 262 1,586 851	5 10 57 29	12,543 28,134 128,802 58,873	6 13 56 26	3.1	3.1	.02	3.1	-.04	3.0	.06	
			Total	630 16,028 2,874 230,881	100 100 100 100														

- 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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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>							
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU		NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	54	54	10,958	18	286	10	34,206	15	<b>1.7</b>	2.4 ***	-0.79	2.8 ***	-1.17	2.5 ***	-0.89	
		2	Sometimes	31	30	24,494	35	885	30	86,764	35								
		3	Often	11	11	22,072	30	1,005	34	82,250	31								
		4	Very often	5	5	12,205	17	763	26	49,023	19								
		Total		101	100	69,729	100	2,939	100	252,243	100								
h. Worked with other students on course projects or assignments	CLproject	1	Never	33	33	6,487	12	109	4	18,929	9	<b>2.0</b>	2.5 ***	-0.66	2.9 ***	-1.16	2.6 ***	-0.76	
		2	Sometimes	45	42	25,691	37	826	28	93,491	37								
		3	Often	21	21	25,789	35	1,145	40	93,761	36								
		4	Very often	4	4	11,534	16	851	29	45,176	17								
		Total		103	100	69,501	100	2,931	100	251,357	100								
i. Given a course presentation	present	1	Never	46	46	11,818	19	595	19	45,265	19	<b>1.8</b>	2.3 ***	-0.59	2.2 ***	-0.51	2.3 ***	-0.56	
		2	Sometimes	38	36	29,536	42	1,416	48	111,610	44								
		3	Often	13	13	19,879	28	652	23	67,007	26								
		4	Very often	6	5	8,223	11	272	10	27,403	11								
		Total		103	100	69,456	100	2,935	100	251,285	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	19	20	5,753	9	211	8	19,480	8	<b>2.4</b>	2.6 *	-0.24	2.5 *	-0.22	2.6 **	-0.27	
		2	Sometimes	37	35	27,266	40	1,263	44	98,719	40								
		3	Often	36	35	25,796	37	1,069	37	93,123	37								
		4	Very often	11	10	9,726	14	359	12	36,496	15								
		Total		103	100	68,541	100	2,902	100	247,818	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	19	20	6,027	10	398	14	21,731	10	<b>2.4</b>	2.6 *	-0.20	2.3	.11	2.6 *	-0.20	
		2	Sometimes	34	33	26,206	38	1,441	50	95,371	39								
		3	Often	35	33	25,254	36	797	27	90,249	36								
		4	Very often	15	14	10,744	16	258	9	39,274	16								
		Total		103	100	68,231	100	2,894	100	246,625	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	28	28	6,709	11	571	20	23,971	11	<b>2.1</b>	2.6 ***	-0.51	2.2	-0.11	2.6 ***	-0.51	
		2	Sometimes	42	42	25,789	38	1,341	47	93,701	38								
		3	Often	21	20	23,983	34	722	25	86,262	34								
		4	Very often	11	9	11,502	17	245	8	41,623	17								
		Total		102	100	67,983	100	2,879	100	245,557	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide				Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017	
				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	RIownview	1	Never	9	9	3,148	5	210	8	11,323	5	<b>2.6</b>	2.8	-.16	2.6	.02	2.8	-.17	
		2	Sometimes	32	32	21,986	32	1,066	37	78,330	32								
		3	Often	44	44	30,376	45	1,176	41	110,119	45								
		4	Very often	17	14	12,141	18	416	14	44,602	19								
		Total		102	100	67,651	100	2,868	100	244,374	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	8	8	1,946	3	124	5	7,178	3	<b>2.7</b>	2.9	-.19	2.8	-.03	2.9 *	-0.20	
		2	Sometimes	24	25	18,528	28	949	33	66,819	28								
		3	Often	52	52	31,143	46	1,201	42	111,797	45								
		4	Very often	17	15	15,624	23	580	20	57,112	24								
		Total		101	100	67,241	100	2,854	100	242,906	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	5	5	1,837	3	90	3	6,675	3	<b>2.8</b>	2.8	-.07	2.8	.04	2.8	-.07	
		2	Sometimes	32	31	20,092	31	968	35	72,111	31								
		3	Often	42	41	30,727	45	1,262	45	110,480	45								
		4	Very often	23	22	14,162	21	505	17	52,147	21								
		Total		102	100	66,818	100	2,825	100	241,413	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	4	879	2	49	2	3,132	2	<b>3.1</b>	3.0	.09	3.0	.11	3.0	.08	
		2	Sometimes	17	17	14,368	22	623	23	50,834	22								
		3	Often	48	46	33,556	50	1,384	49	120,461	49								
		4	Very often	33	33	17,651	27	751	26	65,688	27								
		Total		102	100	66,454	100	2,807	100	240,115	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	51	49	13,369	22	793	29	48,702	21	<b>1.8</b>	2.2 ***	-.51	2.1 **	-.31	2.2 ***	-.52	
		2	Sometimes	36	34	29,074	43	1,286	46	106,052	44								
		3	Often	8	9	16,069	23	495	17	56,767	23								
		4	Very often	8	9	7,974	12	239	8	28,751	12								
		Total		103	100	66,486	100	2,813	100	240,272	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	86	83	32,297	50	1,421	51	113,956	49	<b>1.3</b>	1.8 ***	-.53	1.7 ***	-.51	1.8 ***	-.55	
		2	Sometimes	9	9	20,710	30	944	34	76,998	31								
		3	Often	6	7	9,221	13	315	11	33,564	14								
		4	Very often	2	2	4,061	6	121	4	15,054	6								
		Total		103	100	66,289	100	2,801	100	239,572	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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>							
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU		NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	72	70	21,466	34	826	30	74,771	33	<b>1.4</b>	2.0 ***	-0.66	2.0 ***	-0.75	2.0 ***	-0.68	
		2	Sometimes	23	22	27,975	41	1,347	48	102,775	42								
		3	Often	7	7	12,102	18	474	17	44,291	18								
		4	Very often	1	1	4,454	7	153	5	16,725	7								
		Total		103	100	65,997	100	2,800	100	238,562	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	47	47	15,852	25	736	27	57,264	25	<b>1.7</b>	2.1 ***	-0.43	2.0 **	-0.33	2.1 ***	-0.43	
		2	Sometimes	36	34	30,415	45	1,416	50	110,851	46								
		3	Often	16	15	14,252	21	497	18	51,193	21								
		4	Very often	4	3	5,404	8	141	5	19,059	8								
		Total		103	100	65,923	100	2,790	100	238,367	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	10	9	2,283	4	150	5	8,884	4	<b>2.4</b>	2.9 ***	-0.57	2.7 ***	-0.39	2.9 ***	-0.57	
		2	Some	45	45	16,710	26	907	33	61,885	26								
		3	Quite a bit	41	38	30,689	46	1,227	44	109,225	46								
		4	Very much	7	8	16,166	24	505	18	58,124	24								
		Total		103	100	65,848	100	2,789	100	238,118	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	5	5	2,363	4	68	2	7,959	4	<b>2.9</b>	2.9	-0.01	3.1 *	-0.25	2.9	-0.06	
		2	Some	21	20	16,973	26	515	18	58,407	25								
		3	Quite a bit	58	57	31,296	47	1,345	49	112,663	47								
		4	Very much	19	18	14,998	23	853	30	58,337	24								
		Total		103	100	65,630	100	2,781	100	237,366	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	8	7	2,420	4	107	4	8,299	4	<b>2.9</b>	2.9	.07	2.9	.05	2.9	.05	
		2	Some	17	16	17,308	27	735	26	61,295	26								
		3	Quite a bit	52	51	29,757	45	1,214	44	106,790	45								
		4	Very much	26	26	15,859	24	721	26	59,898	25								
		Total		103	100	65,344	100	2,777	100	236,282	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	4	4	2,274	4	258	9	9,084	4	<b>3.0</b>	2.9	.12	2.6 ***	.47	2.9	.14	
		2	Some	21	21	17,019	26	1,029	37	62,664	27								
		3	Quite a bit	48	46	30,421	46	1,050	38	108,112	45								
		4	Very much	30	29	15,543	24	428	15	56,127	24								
		Total		103	100	65,257	100	2,765	100	235,987	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide Mean	Carnegie Master's L		AITU Mean	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size <sup>e</sup>		Mean	Effect size <sup>e</sup>	
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	4	4	2,488	4	161	6	9,454	4	<b>3.0</b>	2.9	.10	2.7 *	.24	2.9	.11
		2	Some	27	26	17,768	28	874	32	64,091	28							
		3	Quite a bit	41	39	29,989	45	1,198	43	107,717	45							
		4	Very much	30	30	14,938	23	531	19	54,378	23							
		Total		102	100	65,183	100	2,764	100	235,640	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	4	3	1,193	2	63	2	4,596	2	<b>3.1</b>	3.1	.02	3.0	.13	3.1	.04
		2	Some	19	19	12,713	20	578	21	46,190	20							
		3	Quite a bit	43	43	30,533	46	1,404	51	111,207	46							
		4	Very much	37	35	20,737	32	714	26	73,687	32							
		Total		103	100	65,176	100	2,759	100	235,680	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	5	3	2,019	3	66	2	6,983	3	<b>3.2</b>	3.0	.19	3.0	.21	3.0 *	.19
		2	Some	12	13	13,482	21	551	20	48,122	21							
		3	Quite a bit	47	47	30,415	46	1,434	52	111,478	47							
		4	Very much	38	37	19,147	30	702	26	68,798	29							
		Total		102	100	65,063	100	2,753	100	235,381	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	9	8	2,012	4	64	2	7,315	4	<b>3.0</b>	3.0	-.04	3.0	-.06	3.0	-.04
		2	Some	19	18	14,062	22	570	21	50,295	22							
		3	Quite a bit	42	42	28,365	43	1,272	46	103,477	43							
		4	Very much	33	32	20,555	32	843	30	73,945	31							
		Total		103	100	64,994	100	2,749	100	235,032	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	9	7	4,303	7	361	13	17,213	8	<b>2.9</b>	2.9	.05	2.5 ***	.39	2.8	.10
		2	Some	24	26	17,864	27	960	36	66,923	29							
		3	Quite a bit	37	36	25,013	38	942	35	89,357	37							
		4	Very much	32	31	17,789	28	478	17	61,467	26							
		Total		102	100	64,969	100	2,741	100	234,960	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	7	7	4,847	8	250	9	18,969	8	<b>3.0</b>	2.8 *	.19	2.6 ***	.38	2.7 *	.24
		2	Some	19	18	19,738	30	929	34	73,846	31							
		3	Quite a bit	47	48	25,320	38	1,135	42	90,924	38							
		4	Very much	27	27	14,898	24	426	15	50,630	22							
		Total		100	100	64,803	100	2,740	100	234,369	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	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	8	8	7,776	12	184	7	27,286	11	2.8	2.5 **	.28	2.7	.07	2.6 **	.26
		2	Sometimes	27	26	24,391	37	892	32	86,642	36							
		3	Often	46	44	23,684	37	1,140	42	86,228	37							
		4	Very often	22	22	8,945	15	526	19	34,294	15							
		Total		103	100	64,796	100	2,742	100	234,450	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	18	18	13,616	21	695	25	49,282	21	2.5	2.3 *	.23	2.2 **	.36	2.3 *	.22
		2	Sometimes	32	31	26,873	41	1,162	42	96,186	41							
		3	Often	38	36	17,810	28	640	24	64,674	28							
		4	Very often	15	16	6,464	11	249	9	24,093	11							
		Total		103	100	64,763	100	2,746	100	234,235	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	22	22	13,112	20	466	17	45,396	19	2.3	2.3	.02	2.3	-.04	2.3	-.01
		2	Sometimes	37	36	28,175	43	1,197	43	100,889	43							
		3	Often	35	35	17,932	28	833	31	66,855	29							
		4	Very often	7	7	5,574	9	244	9	21,175	9							
		Total		101	100	64,793	100	2,740	100	234,315	100							
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																		
a. Up to 5 pages	wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	6	6	2,966	6	239	9	11,056	6	7.4	6.6	.14	6.0 *	.24	6.6	.14
		1.5	1-2	19	19	11,381	20	574	22	40,919	20							
		4	3-5	23	28	19,102	32	798	32	68,563	32							
		8	6-10	21	24	14,486	24	504	21	52,134	24							
		13	11-15	9	9	6,080	10	173	7	21,943	10							
		18	16-20	7	8	2,625	4	111	4	9,747	4							
		23	More than 20	6	7	2,834	5	114	4	10,371	5							
		Total		91	100	59,474	100	2,513	100	214,733	100							
b. Between 6 and 10 pages	wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	34	40	19,960	35	1,006	41	71,840	35	2.5	2.2	.09	1.8	.26	2.2	.09
		1.5	1-2	26	29	23,308	38	992	40	83,315	38							
		4	3-5	15	17	10,359	17	335	14	38,174	17							
		8	6-10	11	13	3,733	7	108	4	13,711	7							
		13	11-15	1	1	913	2	36	1	3,283	2							
		18	16-20	0	0	274	1	8	0	992	1							
		23	More than 20	1	1	302	1	8	0	1,059	1							
Total		88	100	58,849	100	2,493	100	212,374	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017	
				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	55	62	45,434	77	1,801	70	161,018	76	<b>1.4</b>	.9	.18	.8	.22	.9	.18	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	21	24	9,131	15	516	22	35,483	16								
		4	3-5	7	8	1,833	3	105	4	6,906	3								
		8	6-10	3	4	1,097	2	36	1	4,053	2								
		13	11-15	1	1	573	1	22	1	1,989	1								
		18	16-20	0	0	177	0	5	0	695	0								
		23	More than 20	1	1	298	1	6	0	998	1								
		Total			88	100	58,543	100	2,491	100	211,142	100							
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>62.5</b>	49.9	.19	44.0	.29	50.2	.18	
<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	7	8	3,073	6	88	4	9,808	5	<b>3.0</b>	3.0	-.04	3.1	-.14	3.0	-.08	
		2	Sometimes	22	26	15,002	25	567	23	52,672	24								
		3	Often	25	27	19,520	33	841	35	69,729	32								
		4	Very often	35	39	21,756	36	993	38	82,052	38								
			Total	89	100	59,351	100	2,489	100	214,261	100								
b. People from an economic background other than your own	DDeconomic	1	Never	9	11	2,921	6	79	3	9,154	5	<b>2.9</b>	3.0	-.08	3.1	-.20	3.0	-.13	
		2	Sometimes	20	23	14,333	25	558	23	50,305	24								
		3	Often	29	32	22,101	37	918	38	79,145	37								
		4	Very often	31	34	19,786	33	927	36	75,044	35								
			Total	89	100	59,141	100	2,482	100	213,648	100								
c. People with religious beliefs other than your own	DDreligion	1	Never	10	12	4,116	8	98	4	14,576	7	<b>2.8</b>	2.9	-.11	3.1 *	-29	2.9	-.14	
		2	Sometimes	23	27	15,911	27	578	23	56,701	26								
		3	Often	27	30	19,596	33	877	36	69,442	32								
		4	Very often	28	31	19,533	33	929	37	72,913	34								
			Total	88	100	59,156	100	2,482	100	213,632	100								
d. People with political views other than your own	DDpolitical	1	Never	9	10	3,639	7	125	5	12,303	6	<b>2.9</b>	2.9	-.01	3.0	-.04	3.0	-.04	
		2	Sometimes	19	23	15,698	27	734	29	57,308	27								
		3	Often	29	31	19,959	33	795	33	71,128	33								
		4	Very often	32	35	19,842	33	829	34	72,745	34								
			Total	89	100	59,138	100	2,483	100	213,484	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide				Carnegie Master's L				NSSE 2016 & 2017		ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017	
				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	1	1	853	2	78	3	3,324	2	<b>3.0</b>	3.0	-.02	2.9	.23	3.0	-.01			
		2	Sometimes	19	24	12,184	21	695	29	43,895	21										
		3	Often	42	46	28,573	48	1,177	48	102,501	48										
		4	Very often	27	29	17,193	29	518	20	62,642	29										
		Total		89	100	58,803	100	2,468	100	212,362	100										
b. Reviewed your notes after class	LSnotes	1	Never	5	6	2,672	5	128	5	9,812	5	<b>2.9</b>	2.9	-.04	2.8	.10	2.9	-.01			
		2	Sometimes	24	28	16,705	29	848	34	63,038	30										
		3	Often	33	37	21,232	36	897	37	76,333	36										
		4	Very often	27	28	18,181	30	595	24	63,092	29										
		Total		89	100	58,790	100	2,468	100	212,275	100										
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	4	4	3,393	6	190	8	12,437	6	<b>2.9</b>	2.8	.15	2.7 **	.33	2.8	.16			
		2	Sometimes	20	23	17,959	31	882	35	65,805	31										
		3	Often	41	48	22,973	39	952	39	82,592	39										
		4	Very often	23	25	14,244	24	436	18	50,544	24										
		Total		88	100	58,569	100	2,460	100	211,378	100										
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>																					
challenge		1	Not at all	0	0	432	1	16	1	1,605	1	<b>5.6</b>	5.4	.14	5.5	.09	5.4	.14			
		2		4	5	638	1	26	1	2,362	1										
		3		2	2	2,366	4	83	4	8,565	4										
		4		11	13	6,726	12	236	10	23,697	12										
		5		17	19	19,713	33	808	33	69,988	33										
		6		27	30	15,490	26	766	31	57,641	26										
		7	Very much	27	31	13,169	23	522	21	47,522	23										
		Total		88	100	58,534	100	2,457	100	211,380	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		30	34	7,392	14	150	6	24,090	13	<b>3%</b>	7%	-.17	11% *	-.32	8%	-.20			
		Do not plan to do		25	28	3,004	6	49	2	9,736	5										
		Plan to do		27	34	43,863	72	1,958	80	160,696	74										
		Done or in progress		3	3	4,165	7	299	11	16,477	8										
		Total		85	100	58,424	100	2,456	100	210,999	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%		Mean	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	26	30	16,563	29	652	27	56,141	27	<b>5%</b>	10%	-0.22	16% **	-0.38	11%	-0.24
			Do not plan to do	42	48	14,004	26	444	18	46,255	23							
			Plan to do	13	17	21,556	35	959	39	84,176	38							
			Done or in progress	4	5	6,131	10	396	16	23,862	11							
			Total	85	100	58,254	100	2,451	100	210,434	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	31	36	19,940	34	941	38	68,483	32	<b>4%</b>	12% *	-0.31	8%	-0.16	14% *	-0.35
			Do not plan to do	39	47	14,581	26	784	33	54,672	27							
			Plan to do	12	13	16,457	28	513	22	58,659	27							
			Done or in progress	3	4	7,064	12	199	8	27,871	14							
			Total	85	100	58,042	100	2,437	100	209,685	100							
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	24	28	16,518	29	789	32	56,664	28	<b>0%</b>	3%	-0.34	2%	-0.29	3%	-0.35
			Do not plan to do	47	56	16,450	31	739	30	54,601	28							
			Plan to do	14	16	23,488	38	863	36	92,293	41							
			Done or in progress	0	0	1,664	3	52	2	6,330	3							
			Total	85	100	58,120	100	2,443	100	209,888	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	29	34	23,094	40	935	38	78,874	38	<b>0%</b>	4%	-0.41	5% *	-0.46	5% *	-0.44
			Do not plan to do	35	42	14,619	25	316	13	47,972	23							
			Plan to do	19	24	17,962	31	1,056	44	72,945	34							
			Done or in progress	0	0	2,328	4	128	5	9,711	5							
			Total	83	100	58,003	100	2,435	100	209,502	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	28	33	19,332	34	582	24	66,135	33	<b>7%</b>	2% **	.24	1% ***	.33	2% **	.23
			Do not plan to do	19	22	5,971	11	131	5	20,789	11							
			Plan to do	32	38	31,592	53	1,703	69	118,362	54							
			Done or in progress	5	7	1,078	2	21	1	4,099	2							
			Total	84	100	57,973	100	2,437	100	209,385	100							
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																		
	servcourse		1 None	67	80	25,955	46	1,543	62	98,233	48	<b>1.3</b>	1.7 ***	-0.47	1.4	-0.19	1.6 ***	-0.44
			2 Some	8	10	26,262	44	770	33	91,605	43							
			3 Most	5	7	4,663	8	99	4	15,771	8							
			4 All	2	3	970	2	20	1	3,291	2							
			Total	82	100	57,850	100	2,432	100	208,900	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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>						
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	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	QIstudent	1	Poor	1	1	1,025	2	25	1	3,278	2	<b>5.5</b>	5.4	.11	5.6	-.02	5.4	.09
		2		1	1	1,216	2	27	1	4,209	2							
		3		9	10	3,079	5	104	4	10,714	5							
		4		11	13	7,120	12	267	11	25,368	12							
		5		12	16	15,109	26	606	25	54,610	26							
		6		12	14	14,827	25	762	31	55,172	26							
	7	Excellent	32	38	14,717	25	634	26	54,013	25								
	—	Not applicable	6	7	842	2	13	1	2,001	1								
		Total	84	100	57,935	100	2,438	100	209,365	100								
b. Academic advisors	QIadvisor	1	Poor	1	1	2,116	4	70	3	6,985	4	<b>5.9</b>	5.2 ***	.45	5.2 ***	.49	5.2 ***	.45
		2		3	3	2,661	5	104	4	9,421	5							
		3		5	5	4,558	8	190	8	16,217	8							
		4		5	6	8,119	14	340	14	28,804	13							
		5		9	11	11,613	20	521	22	42,595	20							
		6		12	14	11,595	20	580	24	43,593	21							
	7	Excellent	46	55	15,901	28	592	23	57,192	28								
	—	Not applicable	3	3	1,318	3	36	2	4,338	2								
		Total	84	100	57,881	100	2,433	100	209,145	100								
c. Faculty	QIfaculty	1	Poor	1	1	1,110	2	30	1	3,746	2	<b>5.7</b>	5.3 *	.30	5.3 **	.34	5.3 **	.31
		2		2	3	1,606	3	47	2	5,777	3							
		3		5	5	3,466	6	127	5	12,403	6							
		4		5	6	7,921	13	332	14	28,783	14							
		5		15	18	14,764	25	731	30	53,652	25							
		6		15	18	15,286	26	717	30	56,525	26							
	7	Excellent	31	37	12,918	23	419	17	45,590	22								
	—	Not applicable	10	12	678	1	22	1	2,179	1								
		Total	84	100	57,749	100	2,425	100	208,655	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide				Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide Mean	Carnegie Master's L		AITU Mean	NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	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.)	QIstaff	1	Poor	2	3	2,398	5	76	3	7,980	4	<b>5.2</b>	5.0	.14	5.1	.11	5.0	.14	
		2		0	0	2,483	4	80	3	8,765	4								
		3		6	7	4,121	7	168	7	14,933	7								
		4		2	3	7,777	13	346	14	29,037	14								
		5		5	7	12,199	20	626	26	45,098	21								
		6		7	9	11,783	20	550	23	43,842	20								
		7	Excellent	12	14	11,244	20	415	17	40,570	19								
		—	Not applicable	50	58	5,739	12	169	7	18,408	10								
	Total	84	100	57,744	100	2,430	100	208,633	100										
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	4	5	2,417	4	73	3	8,515	4	<b>5.6</b>	5.0 **	.35	5.0 *	.36	5.0 **	.38	
		2		2	3	2,905	5	77	3	10,207	5								
		3		4	5	4,490	8	169	7	16,513	8								
		4		6	7	8,507	14	363	15	31,182	15								
		5		11	14	12,556	21	618	25	45,814	21								
		6		9	11	11,918	20	535	22	42,937	20								
		7	Excellent	35	41	11,582	21	384	16	39,756	19								
		—	Not applicable	13	16	3,472	7	213	9	14,032	7								
	Total	84	100	57,847	100	2,432	100	208,956	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	4	4	805	2	21	1	3,000	2	<b>2.9</b>	3.1 **	-0.35	3.3 ***	-0.66	3.1 ***	-0.38	
		2	Some	18	25	9,362	18	247	11	32,397	17								
		3	Quite a bit	42	55	26,700	48	996	43	94,556	47								
		4	Very much	15	17	18,477	33	1,064	45	69,994	34								
			Total	79	100	55,344	100	2,328	100	199,947	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	6	8	1,958	4	50	2	6,322	4	<b>2.9</b>	3.0	-0.21	3.2 **	-0.40	3.1	-0.24	
		2	Some	22	27	10,896	21	350	15	38,533	20								
		3	Quite a bit	27	35	23,736	43	1,038	45	86,091	43								
		4	Very much	25	30	18,315	33	882	38	67,601	33								
			Total	80	100	54,905	100	2,320	100	198,547	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	9	10	3,097	6	99	4	10,494	6	<b>2.8</b>	3.1 **	-0.30	3.2 **	-0.41	3.1 **	-0.32	
		2	Some	19	24	9,715	18	369	16	34,641	18								
		3	Quite a bit	30	40	20,761	38	929	40	75,750	38								
		4	Very much	22	25	21,366	38	918	40	77,679	38								
			Total	80	100	54,939	100	2,315	100	198,564	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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>						
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017		
				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	14	18	5,578	11	265	12	19,572	10	<b>2.6</b>	2.8	-0.15	2.7	-0.09	2.8	-0.16
		2	Some	14	18	15,090	28	712	30	54,812	28							
		3	Quite a bit	36	47	19,684	35	761	34	70,971	36							
		4	Very much	15	16	14,521	26	572	24	53,024	26							
		Total		79	100	54,873	100	2,310	100	198,379	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	22	29	3,256	7	124	5	10,510	6	<b>2.3</b>	2.9 ***	-0.66	2.9 ***	-0.64	3.0 ***	-0.71
		2	Some	18	23	12,492	24	608	26	43,803	23							
		3	Quite a bit	26	33	22,098	40	969	43	80,877	40							
		4	Very much	13	14	16,950	30	607	26	62,938	31							
		Total		79	100	54,796	100	2,308	100	198,128	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	26	34	3,732	8	143	6	12,074	7	<b>2.2</b>	2.9 ***	-0.77	2.9 ***	-0.79	2.9 ***	-0.83
		2	Some	20	26	12,664	24	571	25	44,718	23							
		3	Quite a bit	22	29	21,880	39	976	43	79,732	40							
		4	Very much	11	11	16,449	29	616	26	61,275	30							
		Total		79	100	54,725	100	2,306	100	197,799	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	37	48	11,215	22	510	22	39,702	21	<b>1.9</b>	2.4 ***	-0.46	2.2 *	-0.35	2.4 ***	-0.47
		2	Some	17	21	19,504	35	965	42	71,812	36							
		3	Quite a bit	17	21	15,787	28	605	27	57,154	29							
		4	Very much	8	9	8,187	15	222	10	28,990	15							
		Total		79	100	54,693	100	2,302	100	197,658	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	42	54	5,835	13	228	10	16,570	10	<b>1.8</b>	2.7 ***	-0.94	2.7 ***	-0.96	2.8 ***	-1.07
		2	Some	15	18	14,018	26	731	32	49,484	25							
		3	Quite a bit	16	21	20,688	36	908	39	77,487	38							
		4	Very much	6	6	14,075	24	430	19	53,887	26							
		Total		79	100	54,616	100	2,297	100	197,428	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	35	45	8,096	17	387	17	26,231	15	<b>2.0</b>	2.5 ***	-0.54	2.4 **	-0.42	2.6 ***	-0.59
		2	Some	18	23	17,871	33	923	41	64,960	33							
		3	Quite a bit	16	20	18,365	32	712	31	68,093	33							
		4	Very much	9	12	10,212	18	274	12	37,896	18							
		Total		78	100	54,544	100	2,296	100	197,180	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
<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	201	0	4	0	735	0	<b>16.0</b>					
	(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	7	9	6,917	13	111	5	22,647	12						
	8	6-10 hrs	15	20	12,692	24	347	16	43,214	23							
	13	11-15 hrs	22	26	12,330	23	437	19	43,725	22							
	18	16-20 hrs	10	12	10,618	19	491	22	39,212	19							
	23	21-25 hrs	14	18	6,148	11	400	17	23,942	12							
	28	26-30 hrs	4	6	2,956	5	222	9	12,015	6							
	33	More than 30 hrs	6	9	2,742	5	285	11	11,798	6							
	Total			78	100	54,604	100	2,297	100	197,288	100						
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	66	84	18,208	37	421	18	57,701	32	<b>1.9</b>					
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	4	4	17,533	30	793	34	66,101	32						
	8	6-10 hrs	2	2	8,452	15	500	22	33,009	16							
	13	11-15 hrs	5	7	4,689	8	272	12	18,601	9							
	18	16-20 hrs	1	1	2,930	5	162	7	11,292	6							
	23	21-25 hrs	0	0	1,378	2	69	3	5,283	3							
	28	26-30 hrs	1	1	517	1	31	1	1,918	1							
	33	More than 30 hrs	0	0	680	1	47	2	2,600	1							
	Total			79	100	54,387	100	2,295	100	196,505	100						
c. Working for pay on campus	tmworkonhrs	0	0 hrs	73	93	43,314	81	1,676	75	152,075	79	<b>1.7</b>					
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	0	0	2,375	4	207	9	9,124	4						
	8	6-10 hrs	0	0	3,726	6	259	11	15,695	7							
	13	11-15 hrs	2	3	2,557	4	79	3	9,902	5							
	18	16-20 hrs	0	0	1,598	3	57	2	6,382	3							
	23	21-25 hrs	0	0	508	1	12	0	2,032	1							
	28	26-30 hrs	1	1	143	0	2	0	551	0							
	33	More than 30 hrs	3	3	244	1	8	0	1,026	1							
	Total			79	100	54,465	100	2,300	100	196,787	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide				Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017	
				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. Working for pay off campus	tmworkoffhrs	0	0 hrs	24	30	35,414	63	2,012	88	136,725	67	<b>20.3</b>	▲	6.8 ***	1.22	1.8 ***	2.24	5.7 ***	1.44		
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	1	1	2,590	4	63	3	9,105	4										
	8	6-10 hrs	2	3	3,063	5	61	3	10,164	5											
	13	11-15 hrs	5	7	3,143	6	44	2	10,099	5											
	18	16-20 hrs	1	1	3,353	6	50	2	10,541	6											
	23	21-25 hrs	1	1	2,314	4	15	1	7,317	4											
	28	26-30 hrs	2	2	1,309	3	16	1	4,173	2											
	33	More than 30 hrs	43	54	3,261	8	32	1	8,595	6											
	Total			79	100	54,447	100	2,293	100	196,719	100										
Estimated number of hours working for pay	tmworkhrs											<b>22.0</b>	▲	9.0 ***	1.08	3.9 ***	1.85	8.1 ***	1.21		
	(Continuous variable created by NSSE)																				
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	53	68	30,776	57	1,583	69	109,945	57	<b>1.8</b>	2.5	-0.15	1.6	.06	2.5	-0.15			
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	18	22	16,989	30	578	25	63,046	31										
	8	6-10 hrs	2	2	3,546	7	65	3	12,382	7											
	13	11-15 hrs	5	6	1,467	3	24	1	5,371	3											
	18	16-20 hrs	1	1	825	2	21	1	2,981	2											
	23	21-25 hrs	0	0	364	1	11	0	1,381	1											
	33	More than 30 hrs	0	0	126	0	4	0	444	0											
	Total			79	100	54,364	100	2,294	100	196,379	100										
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	7	10	1,156	3	32	1	3,716	2	<b>7.7</b>	▼	12.0 ***	-0.50	13.4 ***	-0.71	12.1 ***	-0.52		
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	27	33	12,278	23	349	15	42,241	22										
	8	6-10 hrs	24	30	14,790	27	620	27	54,415	27											
	13	11-15 hrs	12	17	11,086	20	538	23	40,919	20											
	18	16-20 hrs	5	6	7,047	13	362	16	26,276	13											
	23	21-25 hrs	1	1	3,299	6	171	8	12,084	6											
	28	26-30 hrs	0	0	1,514	3	76	3	5,397	3											
33	More than 30 hrs	2	2	3,228	6	145	7	11,476	6												
	Total			78	100	54,398	100	2,293	100	196,524	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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>									
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU		NSSE 2016 & 2017				
				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	0	0 hrs	27	35	40,007	71	2,054	90	152,449	75	<b>15.4</b>	▲	3.8 ***	1.34	▲	.8 ***	2.13	▲	3.0 ***	1.63
	( <i>Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.</i> )	3	1-5 hrs	6	7	5,888	11	141	6	19,004	10										
	8	6-10 hrs	4	4	2,699	5	37	2	8,184	5											
	13	11-15 hrs	6	8	1,590	3	23	1	5,086	3											
	18	16-20 hrs	3	4	1,008	2	12	1	3,215	2											
	23	21-25 hrs	5	6	546	1	3	0	1,757	1											
	28	26-30 hrs	0	0	291	1	6	0	790	1											
	33	More than 30 hrs	28	35	2,265	5	7	0	5,668	4											
	Total		79	100	54,294	100	2,283	100	196,153	100											
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	59	73	25,534	45	1,375	60	91,514	44	<b>1.3</b>	▼	3.8 ***	-.42	2.0	-.20	▼	3.8 ***	-.42	
	( <i>Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.</i> )	3	1-5 hrs	15	20	17,616	33	704	30	66,328	34										
	8	6-10 hrs	3	4	6,131	12	131	6	21,315	12											
	13	11-15 hrs	2	3	2,493	5	48	2	8,413	5											
	18	16-20 hrs	0	0	1,137	2	18	1	4,047	2											
	23	21-25 hrs	0	0	557	1	10	0	1,905	1											
	28	26-30 hrs	0	0	237	0	3	0	786	0											
	33	More than 30 hrs	0	0	715	1	5	0	2,306	1											
	Total		79	100	54,420	100	2,294	100	196,614	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>												<b>2.9</b>	▲	2.8	.09	▲	2.2 ***	.77	2.8	.15	
reading	1	Very little	4	6	5,551	10	566	25	21,895	12											
	2	Some	31	40	17,179	32	1,086	48	63,382	33											
	3	About half	16	22	16,571	31	405	18	58,115	29											
	4	Most	18	22	11,066	20	179	8	39,118	19											
	5	Almost all	9	11	4,016	7	53	2	13,988	7											
	Total		78	100	54,383	100	2,289	100	196,498	100											
	tmreadinghrs	<i>(Continuous variable created by NSSE. Calculated as a proportion of tmrephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>										<b>8.3</b>	▲	6.8	.26	5.6 **	.50	6.8	.26		

\*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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
	tmreadinghrscol	1	0 hrs	0	0	196	0	4	0	712	0							
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	34	46	26,215	49	1,312	58	93,360	50							
		3	More than 5, up to 10 hrs	24	29	16,294	30	673	29	59,018	29							
		4	More than 10, up to 15 hrs	4	5	5,752	10	157	7	21,473	10							
		5	More than 15, up to 20 hrs	4	6	3,071	5	75	3	11,248	5							
		6	More than 20, up to 25 hrs	10	13	1,885	3	42	2	7,195	3							
		7	More than 25 hrs	1	1	776	1	16	1	2,741	1							
		Total			77	100	54,189	100	2,279	100	195,747	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	7	9	3,147	6	507	22	13,672	7	<b>3.0</b>	2.9	.17	2.3 ***	.77	2.8 *	.22
		2	Some	11	15	14,210	26	862	37	53,309	27							
		3	Quite a bit	32	42	24,151	44	683	31	84,333	43							
		4	Very much	28	34	12,624	24	229	10	44,278	23							
		Total		78	100	54,132	100	2,281	100	195,592	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	18	24	4,874	10	539	23	20,913	11	<b>2.4</b>	2.7 *	-.34	2.3	.16	2.7 *	-.27
		2	Some	21	28	16,225	30	866	38	61,451	31							
		3	Quite a bit	24	31	21,556	39	635	29	74,462	38							
		4	Very much	15	17	11,480	22	239	10	38,724	20							
		Total		78	100	54,135	100	2,279	100	195,550	100							
c. Thinking critically and analytically	pgthink	1	Very little	4	6	1,653	3	86	4	6,114	4	<b>3.0</b>	3.1	-.05	3.0	-.01	3.1	-.05
		2	Some	14	19	10,269	19	473	21	37,129	19							
		3	Quite a bit	33	43	24,444	45	968	43	87,418	44							
		4	Very much	27	33	17,766	33	754	32	64,925	33							
		Total		78	100	54,132	100	2,281	100	195,586	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	7	9	7,159	13	190	8	25,872	13	<b>2.8</b>	2.6	.13	3.0	-.22	2.6	.11
		2	Some	26	34	17,543	32	476	21	61,800	31							
		3	Quite a bit	22	29	19,122	35	866	38	69,055	35							
		4	Very much	23	27	10,280	20	749	33	38,755	21							
		Total		78	100	54,104	100	2,281	100	195,482	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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>						
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	11	15	7,096	14	206	9	25,914	14	<b>2.6</b>	2.6	.01	2.8	-.19	2.6	.01
		2	Some	22	28	17,641	32	651	29	63,417	32							
		3	Quite a bit	28	38	18,673	34	821	36	67,406	34							
		4	Very much	17	19	10,697	20	602	26	38,765	20							
		Total		78	100	54,107	100	2,280	100	195,502	100							
f. Working effectively with others	pgothers	1	Very little	7	9	3,411	7	158	7	12,570	7	<b>2.6</b>	2.8	-.22	2.9	-.24	2.8	-.22
		2	Some	28	37	14,414	27	636	28	53,497	28							
		3	Quite a bit	26	35	22,600	41	861	38	80,740	40							
		4	Very much	17	19	13,644	25	627	27	48,576	25							
		Total		78	100	54,069	100	2,282	100	195,383	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	11	14	5,405	11	382	17	20,552	12	<b>2.6</b>	2.7	-.10	2.5	.16	2.7	-.09
		2	Some	22	29	15,145	28	807	36	55,282	29							
		3	Quite a bit	28	37	21,065	38	706	31	73,993	37							
		4	Very much	17	20	12,443	23	384	16	45,499	23							
		Total		78	100	54,058	100	2,279	100	195,326	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	17	22	4,929	10	373	17	17,854	10	<b>2.4</b>	2.8 ***	-0.43	2.5	-.11	2.8 ***	-0.43
		2	Some	23	30	14,548	27	789	34	53,715	28							
		3	Quite a bit	26	35	20,378	37	719	32	73,093	37							
		4	Very much	12	13	14,200	26	398	17	50,625	26							
		Total		78	100	54,055	100	2,279	100	195,287	100							
i. Solving complex real- world problems	pgprobsolve	1	Very little	12	17	6,111	12	245	11	21,789	12	<b>2.5</b>	2.6	-.12	2.7	-.17	2.6	-.13
		2	Some	26	33	17,934	33	736	32	64,508	33							
		3	Quite a bit	24	33	19,516	36	799	35	70,230	35							
		4	Very much	15	18	10,452	20	500	22	38,656	20							
		Total		77	100	54,013	100	2,280	100	195,183	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	21	27	5,942	12	452	20	21,439	12	<b>2.3</b>	2.7 ***	-.38	2.3	-.02	2.7 ***	-.38
		2	Some	24	32	16,770	31	894	39	60,635	31							
		3	Quite a bit	18	23	19,718	36	644	28	70,940	36							
		4	Very much	15	17	11,446	21	288	12	41,663	21							
		Total		78	100	53,876	100	2,278	100	194,677	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### First-Year Students

				Frequency Distributions <sup>a</sup>								Statistical Comparisons <sup>b</sup>							
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017			
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	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	1	1,018	2	52	2	3,737	2	<b>3.5</b>	▲	.37	▲	.29	▲	.35	
		2	Fair	5	7	6,621	13	240	11	23,165	13								
		3	Good	26	35	26,343	48	1,055	46	93,335	48								
		4	Excellent	46	57	20,072	37	930	41	75,127	37								
			Total	78	100	54,054	100	2,277	100	195,364	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	1	1	2,096	4	76	4	7,244	4	<b>3.5</b>	▲	.33	▲	.27	▲	.32	
		2	Probably no	6	9	6,698	13	236	10	23,516	12								
		3	Probably yes	23	31	22,544	42	946	42	80,679	41								
		4	Definitely yes	48	59	22,767	42	1,022	44	84,139	42								
			Total	78	100	54,105	100	2,280	100	195,578	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
<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	13	2	2,168	3	125	4	7,665	3	3.4	3.1 ***	.33	2.9 ***	.67	3.1 ***	.37
		2	Sometimes	68	11	22,393	24	1,113	33	77,993	25							
		3	Often	168	29	30,137	31	1,192	36	100,297	31							
		4	Very often	335	58	42,422	43	926	27	133,402	41							
		Total		584	100	97,120	100	3,356	100	319,357	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	50	9	18,752	19	999	30	66,148	21	2.8	2.5 ***	.37	2.1 ***	.78	2.4 ***	.42
		2	Sometimes	167	29	33,932	35	1,301	39	113,249	35							
		3	Often	197	34	24,995	26	707	21	80,824	26							
		4	Very often	168	29	18,867	20	330	10	57,032	18							
		Total		582	100	96,546	100	3,337	100	317,253	100							
c. Come to class without completing readings or assignments	unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i>	1	Very often	14	2	5,346	5	184	6	19,146	6	3.4	3.0 ***	.45	2.9 ***	.60	3.0 ***	.51
		2	Often	36	6	12,712	13	524	16	45,445	14							
		3	Sometimes	230	40	52,225	53	1,881	56	172,469	54							
		4	Never	298	52	26,157	29	739	22	79,768	26							
		Total		578	100	96,440	100	3,328	100	316,828	100							
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	1	Never	395	68	43,940	47	1,331	42	135,371	45	1.4	1.8 ***	-.41	1.8 ***	-.53	1.8 ***	-.45
		2	Sometimes	148	25	34,610	35	1,337	40	116,528	36							
		3	Often	29	5	10,844	11	440	13	39,751	12							
		4	Very often	10	2	6,848	7	209	6	24,512	7							
		Total		582	100	96,242	100	3,317	100	316,162	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	268	46	15,084	18	235	8	42,065	15	1.6	2.3 ***	-.77	2.7 ***	-1.30	2.4 ***	-.87
		2	Sometimes	268	47	40,449	42	1,180	36	132,192	42							
		3	Often	36	6	27,078	27	1,194	35	93,430	28							
		4	Very often	9	2	13,559	13	714	21	48,178	15							
		Total		581	100	96,170	100	3,323	100	315,865	100							
f. Explained course material to one or more students	CLexplain	1	Never	141	24	6,912	9	76	2	18,288	7	2.0	2.7 ***	-.73	2.9 ***	-1.22	2.7 ***	-.85
		2	Sometimes	319	55	34,216	36	925	28	108,606	35							
		3	Often	104	18	35,200	35	1,436	43	120,015	37							
		4	Very often	16	3	19,716	20	873	26	68,490	21							
		Total		580	100	96,044	100	3,310	100	315,399	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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>						
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	325	55	19,129	22	397	12	55,241	19	<b>1.6</b>	2.4 ***	-0.80	2.7 ***	-1.23	2.5 ***	-0.89
		2	Sometimes	187	33	32,289	34	1,041	31	106,920	34							
		3	Often	57	10	26,621	26	1,030	31	90,468	28							
		4	Very often	10	2	17,775	17	830	25	61,948	19							
		Total		579	100	95,814	100	3,298	100	314,577	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	79	14	8,565	12	65	2	21,439	8	<b>2.4</b>	2.7 ***	-0.39	3.2 ***	-1.00	2.8 ***	-0.52
		2	Sometimes	278	48	27,609	29	628	19	89,455	29							
		3	Often	160	28	33,652	34	1,244	38	113,696	35							
		4	Very often	60	10	25,768	26	1,357	41	89,305	28							
		Total		577	100	95,594	100	3,294	100	313,895	100							
i. Given a course presentation	present	1	Never	156	27	11,536	15	164	5	33,848	12	<b>2.1</b>	2.7 ***	-0.59	2.8 ***	-0.88	2.7 ***	-0.63
		2	Sometimes	256	45	27,423	29	1,017	31	95,510	31							
		3	Often	132	22	31,172	31	1,223	37	103,501	32							
		4	Very often	33	6	25,463	25	889	26	80,966	25							
		Total		577	100	95,594	100	3,293	100	313,825	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	38	7	3,473	4	97	3	10,418	4	<b>2.7</b>	2.9 ***	-0.28	2.9 ***	-0.26	2.9 ***	-0.30
		2	Sometimes	202	35	25,346	28	959	29	83,085	27							
		3	Often	240	42	38,851	40	1,427	44	128,316	41							
		4	Very often	96	17	27,094	28	786	24	88,909	28							
		Total		576	100	94,764	100	3,269	100	310,728	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	55	10	5,671	7	406	13	19,779	7	<b>2.5</b>	2.8 ***	-0.32	2.4 *	.11	2.8 ***	-0.29
		2	Sometimes	221	39	28,168	31	1,420	44	94,895	31							
		3	Often	227	39	35,452	37	988	30	114,193	36							
		4	Very often	69	12	25,165	26	443	13	80,793	25							
		Total		572	100	94,456	100	3,257	100	309,660	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	105	18	9,424	11	749	24	34,448	13	<b>2.3</b>	2.7 ***	-0.37	2.2 **	.15	2.6 ***	-0.32
		2	Sometimes	244	43	31,771	34	1,431	44	105,714	35							
		3	Often	168	29	30,909	32	742	22	98,863	31							
		4	Very often	57	10	22,070	22	321	10	69,580	22							
		Total		574	100	94,174	100	3,243	100	308,605	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### Seniors

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

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

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>							
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		Your seniors compared with							
				Count	%	Count	%	Count	%	Count	%	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	Mean	Mean	Effect size <sup>e</sup>	Mean
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	20	4	3,789	4	220	7	13,146	5	2.8	2.9 **	-0.11	2.6 **	.15	2.8 *	-0.10	
		2	Sometimes	194	34	26,785	29	1,202	37	89,650	29								
		3	Often	260	46	41,261	44	1,323	41	133,645	43								
		4	Very often	99	17	22,121	23	489	15	71,179	23								
		Total		573	100	93,956	100	3,234	100	307,620	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	18	3	2,432	3	171	6	8,416	3	2.9	3.0 ***	-0.15	2.8	.09	3.0 **	-0.14	
		2	Sometimes	164	29	22,406	25	1,013	32	75,554	25								
		3	Often	271	47	42,101	45	1,371	42	136,324	44								
		4	Very often	118	21	26,607	28	656	20	85,912	28								
		Total		571	100	93,546	100	3,211	100	306,206	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	19	3	1,632	2	79	3	5,749	2	2.8	3.0 ***	-0.27	2.8	-0.10	3.0 ***	-0.25	
		2	Sometimes	194	34	24,177	27	1,005	32	80,452	27								
		3	Often	266	47	41,794	44	1,495	47	136,266	44								
		4	Very often	92	16	25,575	27	619	19	82,487	26								
		Total		571	100	93,178	100	3,198	100	304,954	100								
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	14	3	800	1	43	1	2,719	1	3.1	3.2 *	-0.09	3.1	.10	3.2	-0.07	
		2	Sometimes	86	15	13,592	15	629	20	46,259	16								
		3	Often	274	48	43,195	46	1,570	49	140,999	46								
		4	Very often	194	34	35,232	38	940	29	113,742	37								
		Total		568	100	92,819	100	3,182	100	303,719	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	245	43	15,769	18	557	18	50,544	18	1.8	2.4 ***	-0.66	2.4 ***	-0.65	2.4 ***	-0.66	
		2	Sometimes	228	40	35,574	39	1,372	43	118,158	39								
		3	Often	69	12	23,608	25	744	23	77,309	25								
		4	Very often	24	4	17,964	18	513	16	57,938	18								
		Total		566	100	92,915	100	3,186	100	303,949	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	433	76	40,165	46	1,091	35	124,198	43	1.3	1.9 ***	-0.58	2.0 ***	-0.81	1.9 ***	-0.62	
		2	Sometimes	98	17	27,261	28	1,204	37	93,341	30								
		3	Often	26	5	14,649	15	561	17	50,184	16								
		4	Very often	10	2	10,619	11	319	10	35,516	11								
		Total		567	100	92,694	100	3,175	100	303,239	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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>							
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU		NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	354	63	25,640	30	597	19	77,948	28	<b>1.5</b>	2.1 ***	-0.69	2.3 ***	-0.97	2.2 ***	-0.73	
		2	Sometimes	171	30	36,396	39	1,435	45	122,942	40								
		3	Often	31	5	19,605	20	800	25	66,099	21								
		4	Very often	11	2	10,813	11	331	10	35,403	11								
		Total		567	100	92,454	100	3,163	100	302,392	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	219	39	19,983	22	708	23	66,013	23	<b>1.8</b>	2.2 ***	-0.49	2.1 ***	-0.43	2.2 ***	-0.46	
		2	Sometimes	265	47	40,380	43	1,549	49	134,242	44								
		3	Often	63	11	21,221	23	622	19	68,249	22								
		4	Very often	19	3	10,802	12	281	9	33,683	11								
		Total		566	100	92,386	100	3,160	100	302,187	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	89	16	7,748	9	333	10	25,775	8	<b>2.3</b>	2.7 ***	-0.50	2.6 ***	-0.37	2.7 ***	-0.51	
		2	Some	272	49	29,300	32	1,167	37	95,974	32								
		3	Quite a bit	161	29	36,219	39	1,148	37	117,735	39								
		4	Very much	39	7	19,017	20	512	16	62,616	21								
		Total		561	100	92,284	100	3,160	100	302,100	100								
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	16	3	2,398	3	89	3	8,039	3	<b>3.0</b>	3.1 ***	-0.15	3.1 *	-0.13	3.1 ***	-0.14	
		2	Some	110	19	16,954	19	577	18	56,367	19								
		3	Quite a bit	308	55	41,523	45	1,495	47	135,249	45								
		4	Very much	128	23	31,277	33	990	32	101,790	34								
		Total		562	100	92,152	100	3,151	100	301,445	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	22	4	2,913	3	151	5	9,919	4	<b>3.0</b>	3.1 **	-0.11	2.9	.02	3.0 *	-0.09	
		2	Some	117	21	18,596	20	719	23	62,723	21								
		3	Quite a bit	279	50	39,682	43	1,404	45	128,925	43								
		4	Very much	142	25	30,641	33	866	28	98,877	33								
		Total		560	100	91,832	100	3,140	100	300,444	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	14	3	3,968	5	364	12	15,325	6	<b>3.0</b>	3.0	.02	2.6 ***	.44	2.9	.07	
		2	Some	125	23	20,576	23	1,036	33	71,484	24								
		3	Quite a bit	274	49	39,849	43	1,170	37	127,387	42								
		4	Very much	147	26	27,327	29	566	18	85,862	28								
		Total		560	100	91,720	100	3,136	100	300,058	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%		Mean	Mean		Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	20	4	3,442	4	185	6	12,281	5	<b>2.9</b>	3.0	-0.06	2.8 ***	.17	2.9	-0.03
		2	Some	132	24	20,987	23	951	31	71,221	24							
		3	Quite a bit	281	50	40,542	44	1,328	42	131,403	43							
		4	Very much	128	23	26,651	29	668	21	84,719	28							
		Total		561	100	91,622	100	3,132	100	299,624	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	28	5	1,891	2	84	3	6,215	2	<b>3.1</b>	3.2	-0.04	3.0 ***	.18	3.1	-0.01
		2	Some	85	15	14,776	16	693	22	50,854	17							
		3	Quite a bit	231	41	39,943	43	1,515	48	133,766	44							
		4	Very much	217	39	35,068	38	844	27	109,121	36							
		Total		561	100	91,678	100	3,136	100	299,956	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	29	5	2,738	3	75	2	8,824	3	<b>3.1</b>	3.1	.04	3.0 ***	.22	3.1	.07
		2	Some	70	12	15,970	18	709	23	54,373	18							
		3	Quite a bit	252	45	40,550	44	1,582	50	135,783	45							
		4	Very much	207	37	32,341	35	767	25	100,668	34							
		Total		558	100	91,599	100	3,133	100	299,648	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	49	9	3,033	4	98	3	9,876	4	<b>2.9</b>	3.1 ***	-0.27	3.0 **	-0.16	3.1 ***	-0.26
		2	Some	129	23	16,675	19	651	21	55,775	19							
		3	Quite a bit	220	40	37,675	41	1,469	47	125,536	42							
		4	Very much	161	29	34,125	37	912	29	108,097	36							
		Total		559	100	91,508	100	3,130	100	299,284	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	64	11	8,571	10	417	14	30,363	11	<b>2.7</b>	2.8	-0.07	2.5 ***	.22	2.8	-0.01
		2	Some	160	29	24,753	27	1,128	36	85,219	29							
		3	Quite a bit	187	34	31,795	34	1,022	33	103,498	34							
		4	Very much	145	26	26,314	28	554	18	80,020	26							
		Total		556	100	91,433	100	3,121	100	299,100	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	52	9	5,862	7	250	8	21,050	8	<b>2.8</b>	2.9 *	-0.10	2.7 **	.15	2.8	-0.04
		2	Some	150	27	23,871	26	1,056	34	82,833	28							
		3	Quite a bit	224	40	36,266	39	1,287	42	118,115	39							
		4	Very much	133	24	25,213	28	510	16	76,252	25							
		Total		559	100	91,212	100	3,103	100	298,250	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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>													
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017									
				Count	%	Count	%	Count	%	Count	%	Mean	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	22	4	10,594	11	179	6	34,182	11	<b>2.8</b>	2.6 ***	.18	2.9 *	-.10	2.6 ***	.16							
		2	Sometimes	177	31	31,706	34	870	27	101,376	33								△			▽		△	
		3	Often	259	47	32,067	36	1,266	41	104,872	36														
		4	Very often	104	18	16,909	19	801	26	58,159	20														
		Total		562	100	91,276	100	3,116	100	298,589	100														
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	66	11	16,613	18	673	21	55,230	18	<b>2.5</b>	2.4 **	.11	2.4 ***	.18	2.4 **	.11							
		2	Sometimes	221	40	34,797	38	1,170	37	112,953	37								△			△		△	
		3	Often	193	34	26,247	29	802	26	85,013	29														
		4	Very often	82	15	13,509	15	464	15	45,091	16														
		Total		562	100	91,166	100	3,109	100	298,287	100														
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	84	15	15,803	17	421	13	49,274	16	<b>2.4</b>	2.4	-.02	2.5 **	-.14	2.4	-.05							
		2	Sometimes	245	43	36,451	40	1,218	39	117,894	39														
		3	Often	181	32	27,281	30	1,029	33	90,847	31														
		4	Very often	55	10	11,782	13	445	15	40,645	14											▽			
		Total		565	100	91,317	100	3,113	100	298,660	100														
<b>7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)</b>																									
a. Up to 5 pages	wrshortnum	0	None	22	4	3,992	5	177	6	14,950	6	<b>10.0</b>	8.0 ***	.30	6.5 ***	.53	7.7 ***	.34							
	(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	50	10	13,535	17	639	22	47,692	18											△		▲	
		4	3-5	127	25	23,713	28	898	31	77,840	28														
		8	6-10	120	23	19,749	23	604	21	62,211	22														
		13	11-15	65	13	9,593	11	262	9	30,536	11														
		18	16-20	48	9	5,509	6	131	5	17,037	6														
		23	More than 20	85	16	8,331	10	168	6	25,342	9														
		Total		517	100	84,422	100	2,879	100	275,608	100														
b. Between 6 and 10 pages	wrmednum	0	None	40	8	16,558	20	711	25	58,995	23	<b>5.4</b>	3.9 ***	.35	3.2 ***	.50	3.6 ***	.42							
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	143	28	28,071	33	1,059	37	93,235	34											▲		▲	
		4	3-5	164	32	21,859	26	625	22	69,688	25														
		8	6-10	103	20	10,915	13	289	10	32,836	12														
		13	11-15	31	6	3,590	4	98	4	10,599	4														
		18	16-20	20	4	1,491	2	26	1	4,163	2														
		23	More than 20	17	3	1,472	2	39	1	4,100	2														
		Total		518	100	83,956	100	2,847	100	273,616	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017									
				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	116	22	37,771	45	1,169	41	123,182	46	<b>3.0</b>	2.0 ***	.26	2.3 ***	.18	1.9 ***	.29							
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	231	45	29,729	35	1,055	36	98,455	35								▲		▲		▲		
		4	3-5	110	21	9,364	11	351	13	30,641	11														
		8	6-10	32	6	3,512	4	154	6	10,825	4														
		13	11-15	14	3	1,539	2	68	2	4,720	2														
		18	16-20	7	1	765	1	23	1	2,070	1														
		23	More than 20	10	2	940	1	38	1	2,930	1														
	Total			520	100	83,620	100	2,858	100	272,823	100														
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									<b>118.6</b>	84.2 ***	.36	78.4 ***	.41	79.8 ***	.42							
<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	54	10	4,343	6	95	3	13,277	5	<b>3.0</b>	3.1	-0.05	3.1 *	-0.14	3.1	-0.07							
		2	Sometimes	90	17	19,549	23	605	21	65,417	23														
		3	Often	176	34	25,667	30	958	33	84,148	30											▼			
		4	Very often	201	39	35,233	41	1,213	42	113,997	41														
		Total		521	100	84,792	100	2,871	100	276,839	100														
b. People from an economic background other than your own	DDeconomic	1	Never	46	9	3,754	5	91	3	11,185	5	<b>2.9</b>	3.0 **	-0.13	3.1 ***	-0.19	3.1 ***	-0.16							
		2	Sometimes	123	24	19,142	23	644	23	62,705	23														
		3	Often	180	35	29,683	35	1,036	36	97,714	35											▼			
		4	Very often	171	33	32,006	37	1,094	38	104,559	38														
		Total		520	100	84,585	100	2,865	100	276,163	100														
c. People with religious beliefs other than your own	DDreligion	1	Never	61	12	5,132	7	123	4	17,322	6	<b>2.8</b>	3.0 **	-0.15	3.0 ***	-0.23	3.0 ***	-0.16							
		2	Sometimes	133	26	21,683	26	686	24	72,291	26														
		3	Often	161	31	27,018	32	987	34	87,151	32											▼			
		4	Very often	163	32	30,710	36	1,069	37	99,291	36														
		Total		518	100	84,543	100	2,865	100	276,055	100														
d. People with political views other than your own	DDpolitical	1	Never	50	10	4,806	6	171	6	15,065	6	<b>2.9</b>	3.0	-0.05	2.9	.00	3.0	-0.07							
		2	Sometimes	119	23	21,984	26	884	30	73,727	26														
		3	Often	177	34	27,598	32	875	31	89,428	32														
		4	Very often	174	34	30,081	35	927	33	97,617	36														
		Total		520	100	84,469	100	2,857	100	275,837	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide Mean	Carnegie Master's L		AITU Mean	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%		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	14	3	1,548	2	133	5	5,687	2	<b>3.2</b>	3.2	-0.2	2.8 ***	.37	3.1	.02
		2	Sometimes	74	14	14,223	17	824	29	48,526	18							
		3	Often	251	48	36,690	43	1,205	42	118,903	43							
		4	Very often	182	35	31,799	38	693	24	101,906	37							
		Total		521	100	84,260	100	2,855	100	275,022	100							
b. Reviewed your notes after class	LSnotes	1	Never	46	9	5,976	7	288	10	20,862	8	<b>2.8</b>	2.9 *	-0.10	2.6 **	.18	2.8	-0.06
		2	Sometimes	147	28	24,436	29	1,084	38	84,478	30							
		3	Often	204	39	28,198	34	880	30	90,043	33							
		4	Very often	124	24	25,587	30	602	21	79,412	29							
		Total		521	100	84,197	100	2,854	100	274,795	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	30	6	5,178	6	295	11	18,519	7	<b>2.8</b>	2.9	-0.06	2.6 ***	.27	2.8	-0.02
		2	Sometimes	145	28	23,436	28	1,067	37	80,609	29							
		3	Often	233	45	31,684	38	990	35	101,566	37							
		4	Very often	111	21	23,594	28	489	17	73,054	27							
		Total		519	100	83,892	100	2,841	100	273,748	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	9	2	774	1	31	1	2,603	1	<b>5.8</b>	5.6 **	.14	5.3 ***	.38	5.6 ***	.18
		2		8	1	1,083	1	72	3	3,801	2							
		3		18	4	3,010	4	142	5	10,270	4							
		4		35	7	7,705	9	312	11	26,676	10							
		5		93	18	22,941	27	931	33	78,253	28							
		6		156	31	22,652	27	828	29	74,876	27							
		7	Very much	199	38	25,673	31	536	18	77,171	29							
		Total		518	100	83,838	100	2,852	100	273,650	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	111	22	8,609	11	102	4	24,187	10	<b>8%</b>	45% ***	-0.89	72% ***	-1.45	49% ***	-0.98
			Do not plan to do	305	58	14,716	19	243	9	44,444	17							
			Plan to do	64	12	20,832	25	445	16	63,570	24							
			Done or in progress	41	8	39,715	45	2,062	72	141,604	49							
			Total	521	100	83,872	100	2,852	100	273,805	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### Seniors

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

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

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>							
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		Your seniors compared with							
				Count	%	Count	%	Count	%	Count	%	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	Mean	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	93	18	10,715	13	162	6	29,740	12	<b>10%</b>	30% ***	-0.53	57% ***	-1.07	35% ***	-0.64	
			Do not plan to do	341	66	38,214	47	893	32	118,267	45								
			Plan to do	34	7	7,202	9	150	5	21,776	8								
			Done or in progress	49	10	27,595	30	1,639	57	103,465	35								
			Total	517	100	83,726	100	2,844	100	273,248	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	98	19	12,786	16	286	10	36,869	14	<b>7%</b>	22% ***	-0.45	23% ***	-0.48	23% ***	-0.48	
			Do not plan to do	340	66	42,567	52	1,703	60	142,898	53								
			Plan to do	45	9	8,691	10	192	7	25,783	10								
			Done or in progress	34	7	19,381	22	657	23	66,836	23								
			Total	517	100	83,425	100	2,838	100	272,386	100								
d. Participate in a study abroad program	abroad	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	74	14	10,593	13	197	7	30,831	12	<b>2%</b>	11% ***	-0.37	17% ***	-0.56	14% ***	-0.47	
			Do not plan to do	406	78	57,027	69	1,993	71	180,486	67								
			Plan to do	28	5	5,885	7	149	5	18,874	7								
			Done or in progress	11	2	10,067	11	499	17	42,541	14								
			Total	519	100	83,572	100	2,838	100	272,732	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	111	22	13,879	17	300	11	39,671	15	<b>8%</b>	19% ***	-0.36	36% ***	-0.73	23% ***	-0.45	
			Do not plan to do	302	59	42,637	51	1,157	41	133,768	49								
			Plan to do	63	12	9,789	12	320	12	31,486	12								
			Done or in progress	40	8	17,109	19	1,058	36	67,356	23								
			Total	516	100	83,414	100	2,835	100	272,281	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	55	11	8,180	10	117	4	24,296	10	<b>29%</b>	44% ***	-0.31	64% ***	-0.71	45% ***	-0.33	
			Do not plan to do	85	16	16,276	20	296	11	55,655	21								
			Plan to do	225	44	20,645	26	572	20	62,608	24								
			Done or in progress	154	29	38,299	44	1,851	64	129,750	45								
			Total	519	100	83,400	100	2,836	100	272,309	100								
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>																			
	servcourse		1 None	397	77	29,006	37	1,433	51	101,390	40	<b>1.3</b>	1.8 ***	-0.70	1.6 ***	-0.47	1.7 ***	-0.65	
			2 Some	100	19	42,637	50	1,207	43	136,695	49								
			3 Most	14	2	9,558	11	163	6	28,007	10								
			4 All	7	1	2,120	2	29	1	5,868	2								
			Total	518	100	83,321	100	2,832	100	271,960	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### Seniors

		Frequency Distributions <sup>a</sup>										Statistical Comparisons <sup>b</sup>						
												<i>Your seniors compared with</i>						
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	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	QIstudent	1	Poor	7	1	945	1	23	1	3,182	1	<b>5.6</b>	5.6	-.04	5.5	.05	5.6	-.02
		2		10	2	1,281	2	43	2	4,265	2							
		3		23	4	3,267	4	133	5	11,029	4							
		4		52	10	8,316	10	308	11	27,771	10							
		5		120	23	19,506	23	777	27	65,807	24							
		6		127	25	22,342	26	881	31	75,148	27							
		7	Excellent	145	28	26,392	31	671	23	81,686	30							
		—	Not applicable	31	6	1,457	3	6	0	3,727	2							
			Total	515	100	83,506	100	2,842	100	272,615	100							
b. Academic advisors	QIadvisor	1	Poor	14	3	3,850	5	185	7	12,633	5	<b>6.0</b>	5.3 ***	.40	4.9 ***	.65	5.2 ***	.44
		2		8	2	3,947	5	187	7	13,563	5							
		3		14	3	5,940	7	274	9	20,411	8							
		4		35	7	9,971	12	404	15	33,814	12							
		5		61	12	14,959	17	553	19	49,862	18							
		6		96	19	16,155	19	547	19	53,808	19							
		7	Excellent	263	51	27,072	33	663	23	84,196	31							
		—	Not applicable	26	5	1,536	2	22	1	4,019	2							
			Total	517	100	83,430	100	2,835	100	272,306	100							
c. Faculty	QIfaculty	1	Poor	17	3	1,203	2	45	2	4,052	2	<b>5.6</b>	5.6	-.02	5.2 ***	.22	5.5	.03
		2		14	3	1,671	2	62	2	5,866	2							
		3		16	3	3,699	5	163	6	12,455	5							
		4		47	9	8,752	10	436	16	29,936	11							
		5		97	19	18,413	22	758	27	62,681	23							
		6		132	26	23,757	28	839	29	78,691	28							
		7	Excellent	158	31	24,910	31	522	18	75,828	28							
		—	Not applicable	33	6	792	1	9	0	2,030	1							
			Total	514	100	83,197	100	2,834	100	271,539	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%		Mean	Mean		Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	18	3	3,782	5	153	6	12,680	5	<b>5.3</b>	5.0 *	.19	4.6 ***	.38	4.9 **	.24
		2		13	3	3,649	4	175	6	12,570	5							
		3		10	2	5,463	6	267	9	19,796	7							
		4		16	3	10,414	12	487	17	36,417	13							
		5		33	6	14,558	17	660	23	50,983	18							
		6		45	9	13,968	16	497	17	46,776	17							
		7	Excellent	80	16	15,047	19	385	13	45,975	17							
		—	Not applicable	301	58	16,333	21	207	8	46,437	19							
	Total	516	100	83,214	100	2,831	100	271,634	100									
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	18	3	4,071	5	150	6	13,851	5	<b>5.6</b>	5.0 ***	.35	4.7 ***	.54	4.9 ***	.42
		2		19	4	4,329	5	157	6	14,618	5							
		3		12	2	6,615	8	258	9	22,867	8							
		4		19	4	11,918	14	487	17	41,786	15							
		5		59	11	17,362	20	688	24	58,147	21							
		6		84	16	16,799	20	558	19	53,620	19							
		7	Excellent	153	30	17,939	23	402	14	52,122	20							
		—	Not applicable	151	30	4,340	6	138	5	15,183	6							
	Total	515	100	83,373	100	2,838	100	272,194	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	1,497	2	34	1	4,846	2	<b>3.0</b>	3.1 *	-.11	3.3 ***	-.36	3.1 **	-.13
		2	Some	82	17	13,914	17	307	12	43,845	17							
		3	Quite a bit	267	55	37,640	47	1,161	42	120,334	46							
		4	Very much	129	26	27,593	34	1,264	45	94,128	35							
			Total	490	100	80,644	100	2,766	100	263,153	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	49	10	3,790	5	136	5	12,132	5	<b>2.8</b>	3.0 ***	-.23	2.9 *	-.12	2.9 ***	-.21
		2	Some	131	27	18,486	23	717	26	61,222	24							
		3	Quite a bit	198	41	34,345	42	1,257	46	113,211	43							
		4	Very much	111	22	23,491	29	645	23	74,925	28							
			Total	489	100	80,112	100	2,755	100	261,490	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	90	19	7,294	9	236	9	22,756	9	<b>2.4</b>	2.9 ***	-.43	2.8 ***	-.33	2.8 ***	-.43
		2	Some	158	32	19,655	25	785	29	64,639	25							
		3	Quite a bit	168	34	30,000	37	1,124	41	99,693	38							
		4	Very much	71	15	23,262	29	608	21	74,616	28							
			Total	487	100	80,211	100	2,753	100	261,704	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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>						
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017		
				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	106	22	11,324	15	525	20	38,145	15	<b>2.4</b>	2.6 *** ▼	-0.20	2.4	.03	2.6 *** ▼	-0.18
		2	Some	141	29	23,765	30	984	36	80,436	31							
		3	Quite a bit	159	33	26,311	32	805	29	84,406	32							
		4	Very much	78	16	18,670	23	428	15	58,366	22							
		Total		484	100	80,070	100	2,742	100	261,353	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	151	31	7,553	11	239	9	21,785	9	<b>2.1</b>	2.8 *** ▼	-0.65	2.7 *** ▼	-0.62	2.8 *** ▼	-0.72
		2	Some	163	34	21,012	27	858	31	67,683	26							
		3	Quite a bit	119	25	30,556	37	1,062	39	101,805	38							
		4	Very much	50	10	20,937	25	587	21	69,873	26							
		Total		483	100	80,058	100	2,746	100	261,146	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	221	46	9,698	13	309	11	28,910	12	<b>1.9</b>	2.7 *** ▼	-0.80	2.7 *** ▼	-0.81	2.7 *** ▼	-0.86
		2	Some	126	26	21,804	28	835	30	70,579	27							
		3	Quite a bit	96	20	28,705	35	1,050	39	96,300	36							
		4	Very much	40	8	19,692	24	547	20	64,905	25							
		Total		483	100	79,899	100	2,741	100	260,694	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	269	56	26,252	34	1,010	37	85,531	34	<b>1.7</b>	2.1 *** ▼	-0.40	2.0 *** ▼	-0.29	2.1 *** ▼	-0.39
		2	Some	112	23	27,591	34	1,013	37	92,182	35							
		3	Quite a bit	78	16	17,045	21	517	19	54,746	21							
		4	Very much	24	5	9,013	11	192	7	28,173	11							
		Total		483	100	79,901	100	2,732	100	260,632	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	273	57	15,835	23	383	14	40,873	17	<b>1.6</b>	2.4 *** ▼	-0.77	2.5 *** ▼	-0.97	2.6 *** ▼	-0.93
		2	Some	125	26	23,820	30	1,002	37	76,835	29							
		3	Quite a bit	63	13	25,477	31	952	35	89,057	33							
		4	Very much	19	4	14,582	17	397	14	53,347	20							
		Total		480	100	79,714	100	2,734	100	260,112	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	266	56	17,325	24	692	26	51,091	21	<b>1.7</b>	2.3 *** ▼	-0.67	2.1 *** ▼	-0.55	2.4 *** ▼	-0.72
		2	Some	125	26	27,590	34	1,160	43	92,847	36							
		3	Quite a bit	66	14	23,025	28	639	23	77,037	29							
		4	Very much	20	4	11,699	14	242	9	38,832	14							
		Total		477	100	79,639	100	2,733	100	259,807	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%	Mean	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  (Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	2	0	308	0	10	0	1,044	0	<b>15.4</b>	14.9	.05	18.0 ***	-.29	15.2	.02
		3	1-5 hrs	37	8	10,331	13	214	8	32,501	13							
		8	6-10 hrs	115	24	18,513	23	437	16	58,157	23							
		13	11-15 hrs	131	27	16,342	21	480	18	52,681	20							
		18	16-20 hrs	89	18	14,466	18	519	19	47,393	18							
		23	21-25 hrs	38	8	8,466	10	398	14	28,528	11							
		28	26-30 hrs	28	6	5,006	6	241	8	17,252	6							
		33	More than 30 hrs	43	9	6,287	8	429	15	22,615	9							
	Total			483	100	79,719	100	2,728	100	260,171	100							
b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs  (Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	417	87	36,430	49	578	22	104,691	43	<b>1.0</b>	4.4 ***	-.49	7.7 ***	-.99	4.9 ***	-.55
		3	1-5 hrs	34	7	21,340	25	844	30	74,212	27							
		8	6-10 hrs	16	3	9,219	11	536	20	34,665	13							
		13	11-15 hrs	7	1	5,248	6	323	12	19,640	7							
		18	16-20 hrs	3	0	3,491	4	229	8	12,804	5							
		23	21-25 hrs	2	0	1,781	2	106	4	6,423	2							
		28	26-30 hrs	0	0	773	1	38	1	2,734	1							
		33	More than 30 hrs	3	1	1,223	1	69	3	4,193	2							
	Total			482	100	79,505	100	2,723	100	259,362	100							
c. Working for pay on campus	tmworkonhrs  (Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	468	97	59,520	77	1,490	57	180,174	72	<b>.6</b>	3.0 ***	-.36	4.4 ***	-.65	3.6 ***	-.42
		3	1-5 hrs	2	0	3,314	4	324	11	13,358	4							
		8	6-10 hrs	1	0	5,582	6	412	14	23,479	8							
		13	11-15 hrs	5	1	4,398	5	234	8	17,134	6							
		18	16-20 hrs	0	0	4,287	5	195	7	15,824	6							
		23	21-25 hrs	1	0	1,171	1	36	1	4,775	2							
		28	26-30 hrs	0	0	477	1	14	1	1,880	1							
		33	More than 30 hrs	7	1	814	1	18	1	2,951	1							
	Total			484	100	79,563	100	2,723	100	259,575	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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>							
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU		NSSE 2016 & 2017		
				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	108	22	29,665	36	1,926	70	112,154	42	<b>24.7</b>	▲	14.7 ***	.73	5.2 ***	1.70	12.7 ***	.89
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	2	0	3,663	4	127	5	12,916	5								
	8	6-10 hrs	6	1	5,027	6	136	5	16,356	6									
	13	11-15 hrs	9	2	5,391	6	119	5	17,247	6									
	18	16-20 hrs	4	1	7,648	9	141	5	23,117	9									
	23	21-25 hrs	5	1	5,976	7	74	3	17,894	7									
	28	26-30 hrs	7	1	4,535	6	46	2	13,147	5									
	33	More than 30 hrs	342	71	17,609	26	156	6	46,554	20									
	Total			483	100	79,514	100	2,725	100	259,385	100								
Estimated number of hours working for pay	tmworkhrs (Continuous variable created by NSSE)											<b>25.3</b>	▲	17.7 ***	.56	9.6 ***	1.29	16.3 ***	.67
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	279	58	38,061	49	1,586	58	123,930	49	<b>2.5</b>	▼	3.4 ***	-.14	2.1	.10	3.2 **	-.13
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	148	31	27,478	34	893	32	91,846	34								
	8	6-10 hrs	29	6	6,975	9	145	5	22,303	9									
	13	11-15 hrs	11	2	2,992	4	58	2	9,348	4									
	18	16-20 hrs	4	1	1,913	2	25	1	5,651	2									
	23	21-25 hrs	4	1	773	1	9	0	2,460	1									
	28	26-30 hrs	2	0	368	0	3	0	1,097	0									
	33	More than 30 hrs	6	1	848	1	7	0	2,381	1									
	Total			483	100	79,408	100	2,726	100	259,016	100								
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	42	9	2,680	4	38	1	7,904	3	<b>7.3</b>	▼	10.1 ***	-.35	12.6 ***	-.65	10.6 ***	-.40
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	197	41	24,315	31	539	19	73,602	29								
	8	6-10 hrs	141	29	22,486	28	799	29	73,774	28									
	13	11-15 hrs	55	11	13,374	17	561	20	46,627	18									
	18	16-20 hrs	20	4	8,334	10	372	14	28,833	11									
	23	21-25 hrs	8	2	3,484	4	165	6	12,164	5									
	28	26-30 hrs	1	0	1,593	2	69	3	5,498	2									
	33	More than 30 hrs	16	3	3,233	4	183	7	10,953	4									
	Total			480	100	79,499	100	2,726	100	259,355	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide Mean	Carnegie Master's L		AITU		NSSE 2016 & 2017	
				Count	%	Count	%	Count	%	Count	%		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	0	0 hrs	119	24	47,347	57	2,265	83	169,443	63	<b>16.3</b>	7.8 ***	.70	1.9 ***	1.53	6.3 ***	.89
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	43	9	8,816	11	236	9	26,918	10							
	8	6-10 hrs	47	10	4,501	6	61	2	12,595	5								
	13	11-15 hrs	44	9	2,848	4	46	2	8,108	3								
	18	16-20 hrs	33	7	2,443	3	34	1	6,875	3								
	23	21-25 hrs	17	4	1,333	2	13	0	3,663	2								
	28	26-30 hrs	15	3	1,017	1	7	0	2,719	1								
	33	More than 30 hrs	162	34	11,060	15	54	2	28,605	12								
	Total			480	100	79,365	100	2,716	100	258,926	100							
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	330	68	19,846	26	631	23	63,885	24	<b>1.9</b>	4.9 ***	-.48	3.9 ***	-.45	4.9 ***	-.49
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	111	23	37,769	46	1,554	57	127,731	49							
	8	6-10 hrs	21	4	12,884	16	377	14	40,502	16								
	13	11-15 hrs	8	2	4,435	6	89	3	13,724	6								
	18	16-20 hrs	4	1	1,931	2	44	2	5,667	2								
	23	21-25 hrs	2	0	782	1	15	1	2,476	1								
	28	26-30 hrs	2	0	425	1	6	0	1,305	1								
	33	More than 30 hrs	4	1	1,464	2	12	0	4,253	2								
	Total			482	100	79,536	100	2,728	100	259,543	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	1	Very little	16	3	9,370	12	770	29	34,611	14	<b>3.1</b>	2.9 **	.12	2.2 ***	.90	2.9 ***	.19
		2	Some	117	24	21,120	26	1,100	41	70,527	27							
		3	About half	203	42	23,204	29	521	19	71,802	28							
		4	Most	108	23	18,013	23	245	9	57,321	22							
		5	Almost all	38	8	7,804	10	86	3	25,142	9							
			Total			482	100	79,511	100	2,722	100							
											<b>8.3</b>	7.5 *	.11	5.6 ***	.47	7.4 **	.15	
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmrephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																		

\*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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### 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	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>e</sup>	Mean	Effect size <sup>e</sup>	Mean
	tmreadinghrscol	1	0 hrs	0	0	303	0	10	0	1,025	0						
	<i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	2	More than zero, up to 5 hrs	184	38	35,812	45	1,572	59	117,741	46						
		3	More than 5, up to 10 hrs	180	38	23,481	30	744	27	76,660	29						
		4	More than 10, up to 15 hrs	53	11	9,037	11	183	6	28,866	11						
		5	More than 15, up to 20 hrs	26	5	5,048	6	127	4	16,575	6						
		6	More than 20, up to 25 hrs	23	5	3,648	5	57	2	11,874	4						
		7	More than 25 hrs	15	3	1,848	2	20	1	5,609	2						
		Total		481	100	79,177	100	2,713	100	258,350	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	18	4	3,747	5	362	13	14,002	6	<b>3.2</b>	3.0 ***	.21	2.6 ***	.73	3.0 ***	.26	
		2	Some	61	12	15,877	21	909	34	54,960	22								▲
		3	Quite a bit	195	41	31,201	39	936	34	100,293	38								
		4	Very much	207	43	28,380	35	508	19	89,357	34								▲
		Total		481	100	79,205	100	2,715	100	258,612	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	63	13	5,719	8	303	11	19,317	8	<b>2.7</b>	2.9 ***	-.20	2.7	.02	2.9 ***	-.19	
		2	Some	132	27	17,802	23	799	30	60,097	24								▼
		3	Quite a bit	165	34	29,856	37	968	35	96,746	37								
		4	Very much	124	26	25,878	32	645	23	82,501	31								▼
		Total		484	100	79,255	100	2,715	100	258,661	100								
c. Thinking critically and analytically	pgthink	1	Very little	12	2	1,807	3	54	2	5,938	3	<b>3.3</b>	3.3	-.04	3.3	-.04	3.3	-.05	
		2	Some	69	14	9,813	13	342	13	31,941	13								
		3	Quite a bit	186	39	29,882	38	1,060	39	96,280	37								
		4	Very much	216	45	37,788	47	1,263	46	124,602	47								
		Total		483	100	79,290	100	2,719	100	258,761	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	21	4	8,201	10	168	6	26,685	10	<b>3.1</b>	2.8 ***	.27	3.1	-.05	2.9 ***	.24	
		2	Some	91	19	21,581	27	469	17	68,404	26								▲
		3	Quite a bit	199	41	26,425	34	945	35	84,936	33								
		4	Very much	172	36	23,030	30	1,134	42	78,593	31								▲
		Total		483	100	79,237	100	2,716	100	258,618	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### Seniors

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

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

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>						
				ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	Mean	Mean	Effect size <sup>e</sup>
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	61	13	6,360	9	150	6	21,773	9	<b>2.8</b>	2.9 **	-0.14	3.1 ***	-0.26	2.9 **	-0.12
		2	Some	113	23	17,716	23	584	22	59,826	23							
		3	Quite a bit	168	35	27,331	34	916	33	88,573	34							
		4	Very much	140	29	27,864	35	1,066	39	88,598	34							
		Total		482	100	79,271	100	2,716	100	258,770	100							
f. Working effectively with others	pgothers	1	Very little	52	11	3,916	6	105	4	12,397	6	<b>2.7</b>	3.0 ***	-0.34	3.1 ***	-0.41	3.0 ***	-0.36
		2	Some	152	32	15,896	21	539	20	52,879	21							
		3	Quite a bit	160	33	29,844	37	1,091	40	98,852	38							
		4	Very much	117	24	29,502	36	978	36	94,353	36							
		Total		481	100	79,158	100	2,713	100	258,481	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	100	21	7,633	11	414	16	26,136	11	<b>2.5</b>	2.9 ***	-0.35	2.6	-0.07	2.8 ***	-0.33
		2	Some	133	28	18,242	24	852	31	61,346	24							
		3	Quite a bit	146	30	27,377	34	875	32	88,643	34							
		4	Very much	99	21	25,956	31	569	21	82,397	31							
		Total		478	100	79,208	100	2,710	100	258,522	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	87	18	7,222	10	482	19	24,981	11	<b>2.5</b>	2.9 ***	-0.39	2.5	.00	2.8 ***	-0.37
		2	Some	171	36	19,843	26	958	35	67,109	26							
		3	Quite a bit	127	26	26,728	33	731	27	87,019	33							
		4	Very much	93	20	25,386	31	538	20	79,306	30							
		Total		478	100	79,179	100	2,709	100	258,415	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	65	13	7,083	10	230	9	23,336	10	<b>2.6</b>	2.8 ***	-0.18	2.9 ***	-0.25	2.8 ***	-0.18
		2	Some	147	30	21,234	27	690	25	69,527	27							
		3	Quite a bit	165	35	28,047	35	952	35	91,829	35							
		4	Very much	103	21	22,770	28	840	31	73,635	28							
		Total		480	100	79,134	100	2,712	100	258,327	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	104	22	9,244	13	675	25	31,829	13	<b>2.4</b>	2.7 ***	-0.29	2.3 **	.16	2.7 ***	-0.27
		2	Some	152	32	22,351	29	1,000	37	74,289	29							
		3	Quite a bit	129	27	26,141	32	644	24	84,395	32							
		4	Very much	89	19	21,148	26	384	14	66,974	26							
		Total		474	100	78,884	100	2,703	100	257,487	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 2017 Frequencies and Statistical Comparisons

## Embry Riddle Aeronautical University-Worldwide

### Seniors

				Frequency Distributions <sup>a</sup>						Statistical Comparisons <sup>b</sup>								
										<i>Your seniors compared with</i>								
Item wording or description	Variable name <sup>c</sup>	Values <sup>d</sup>	Response options	ERAU Worldwide		Carnegie Master's L		AITU		NSSE 2016 & 2017		ERAU Worldwide	Carnegie Master's L		AITU	NSSE 2016 & 2017		
				Count	%	Count	%	Count	%	Count	%	Mean	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	1,785	3	85	3	5,976	3	<b>3.4</b>	3.3 ***	.22	3.2 ***	.33	3.3 ***	.23
		2	Fair	36	8	8,589	11	345	13	28,678	12							
		3	Good	158	33	34,120	42	1,218	45	110,429	43							
		4	Excellent	271	57	34,737	44	1,063	39	113,477	43							
			Total	478	100	79,231	100	2,711	100	258,560	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	17	4	3,507	5	154	6	11,762	5	<b>3.4</b>	3.2 ***	.22	3.1 ***	.37	3.2 ***	.24
		2	Probably no	36	7	9,589	12	384	14	32,000	12							
		3	Probably yes	151	32	30,342	38	1,126	42	98,539	38							
		4	Definitely yes	275	57	35,852	46	1,053	38	116,602	45							
			Total	479	100	79,290	100	2,717	100	258,903	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 2017 Frequencies and Statistical Comparisons

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

### Embry Riddle Aeronautical University-Worldwide

#### 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>		
	ERAU Worldwide	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:						
														Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017				
1 a. askquest	105	3.25	2.84	2.65	2.83	.080	.007	.038	.004	.82	.85	.82	.85	16,979	575	58,724	.000	.000	.000	.48	.73	.49				
b. drafts	105	2.81	2.53	2.15	2.49	.099	.008	.042	.004	1.02	.97	.91	.98	16,834	144	58,247	.003	.000	.001	.29	.70	.33				
c. unpreparedr	104	3.49	3.08	3.10	3.04	.058	.006	.033	.003	.59	.76	.72	.77	16,815	569	58,133	.000	.000	.000	.54	.56	.58				
d. attendart	104	1.36	1.91	1.84	1.93	.061	.007	.039	.004	.62	.92	.85	.92	106	199	104	.000	.000	.000	-.60	-.59	-.61				
e. CLaskhelp	104	1.57	2.51	2.91	2.60	.069	.007	.040	.004	.70	.90	.86	.89	105	567	103	.000	.000	.000	-1.05	-1.60	-1.15				
f. CLexplain	104	1.79	2.61	2.95	2.69	.080	.007	.037	.003	.82	.85	.79	.84	104	567	57,709	.000	.000	.000	-.96	-1.45	-1.08				
g. CLstudy	100	1.68	2.45	2.77	2.53	.087	.008	.044	.004	.87	.97	.95	.96	101	562	100	.000	.000	.000	-.79	-1.17	-.89				
h. CLproject	103	1.95	2.55	2.93	2.62	.082	.007	.039	.004	.84	.90	.85	.87	103	563	102	.000	.000	.000	-.66	-1.16	-.76				
i. present	103	1.78	2.31	2.22	2.28	.086	.007	.040	.004	.87	.91	.87	.90	16,548	564	57,227	.000	.000	.000	-.59	-.51	-.56				
2 a. RIntegrate	103	2.35	2.56	2.53	2.58	.090	.007	.037	.004	.91	.84	.80	.84	16,308	558	56,325	.014	.045	.007	-.24	-.22	-.27				
b. RIsocietal	103	2.40	2.58	2.31	2.57	.095	.007	.038	.004	.96	.87	.82	.87	16,220	137	55,999	.042	.349	.044	-.20	.11	-.20				
c. RIdiverse	102	2.11	2.57	2.21	2.57	.092	.007	.040	.004	.93	.89	.86	.89	16,152	552	55,728	.000	.304	.000	-.51	-.11	-.51				
d. Rlownview	102	2.63	2.76	2.62	2.77	.084	.006	.039	.003	.85	.80	.82	.81	16,061	551	55,406	.103	.890	.091	-.16	.02	-.17				
e. Rlperspect	100	2.74	2.89	2.77	2.90	.082	.006	.039	.003	.82	.79	.82	.80	15,952	547	55,027	.053	.770	.049	-.19	-.03	-.20				
f. Rlnewview	102	2.79	2.84	2.76	2.85	.084	.006	.037	.003	.85	.78	.77	.79	15,835	543	54,645	.502	.695	.486	-.07	.04	-.07				
g. Rlconnect	102	3.08	3.01	3.00	3.02	.081	.006	.036	.003	.82	.74	.75	.74	15,750	541	54,321	.357	.320	.437	.09	.11	.08				
3 a. SFcareer	103	1.77	2.25	2.05	2.25	.092	.007	.042	.004	.94	.92	.89	.92	15,754	542	54,348	.000	.005	.000	-.51	-.31	-.52				
b. SFotherwork	103	1.27	1.75	1.68	1.77	.065	.007	.040	.004	.66	.91	.83	.91	104	185	102	.000	.000	.000	-.53	-.51	-.55				
c. SFdiscuss	103	1.38	1.97	1.98	1.99	.065	.007	.039	.004	.66	.89	.83	.89	104	540	53,919	.000	.000	.000	-.66	-.75	-.68				
d. SFperform	103	1.74	2.13	2.01	2.12	.083	.007	.038	.004	.84	.88	.80	.88	15,607	149	53,874	.000	.004	.000	-.43	-.33	-.43				
4 a. memorize	103	2.44	2.90	2.75	2.90	.076	.006	.038	.003	.77	.80	.80	.81	15,585	538	53,795	.000	.000	.000	-.57	-.39	-.57				
b. HOapply	103	2.87	2.89	3.07	2.92	.076	.006	.037	.003	.77	.80	.76	.80	15,530	537	53,608	.895	.022	.552	-.01	-.25	-.06				
c. HOanalyze	103	2.95	2.89	2.91	2.91	.083	.007	.039	.004	.84	.81	.82	.81	15,455	537	53,341	.474	.677	.637	.07	.05	.05				
d. HOevaluate	103	3.00	2.90	2.59	2.88	.081	.006	.041	.004	.82	.80	.86	.81	15,436	158	53,262	.226	.000	.162	.12	.47	.14				
e. HOform	102	2.95	2.87	2.75	2.86	.086	.007	.040	.004	.87	.81	.83	.81	15,407	533	53,173	.304	.028	.284	.10	.24	.11				
5 a. ETgoals	103	3.10	3.09	3.01	3.07	.080	.006	.036	.003	.81	.77	.75	.77	15,411	534	53,181	.819	.246	.677	.02	.13	.04				
b. ETorganize	102	3.18	3.02	3.02	3.02	.077	.006	.036	.003	.78	.80	.74	.80	15,378	532	53,097	.053	.053	.050	.19	.21	.19				
c. ETexample	103	2.99	3.03	3.04	3.02	.089	.007	.038	.004	.90	.82	.78	.82	15,365	532	53,017	.656	.562	.669	-.04	-.06	-.04				
d. ETdraftfb	102	2.91	2.86	2.55	2.82	.092	.007	.044	.004	.92	.90	.92	.91	15,350	530	52,991	.615	.000	.325	.05	.39	.10				
e. ETfeedback	99	2.95	2.78	2.63	2.74	.086	.007	.041	.004	.85	.89	.85	.90	100	146	99	.048	.001	.013	.19	.38	.24				

# NSSE 2017 Frequencies and Statistical Comparisons

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

### Embry Riddle Aeronautical University-Worldwide

#### 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>		
	ERAU Worldwide	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:					
														Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017			
6 a. QRconclude	103	2.79	2.54	2.73	2.57	.087	.007	.041	.004	.88	.88	.85	.88	15,310	531	52,867	.004	.512	.010	.28	.07	.26			
b. QRproblem	103	2.49	2.28	2.16	2.29	.095	.007	.044	.004	.97	.91	.91	.91	15,305	147	52,829	.020	.002	.024	.23	.36	.22			
c. QRevaluate	100	2.27	2.26	2.31	2.28	.089	.007	.041	.004	.89	.88	.86	.88	15,308	528	52,842	.868	.705	.910	.02	-.04	-.01			
7 a. wrshortnum	89	7.40	6.61	5.98	6.63	.685	.048	.287	.026	6.47	5.68	5.69	5.71	13,920	480	47,917	.191	.038	.202	.14	.24	.14			
b. wrmednum	86	2.53	2.24	1.78	2.24	.394	.028	.139	.015	3.66	3.22	2.74	3.23	13,756	108	47,345	.415	.075	.412	.09	.26	.09			
c. wrlongnum	86	1.37	.87	.83	.89	.349	.023	.111	.013	3.24	2.73	2.18	2.73	13,686	103	47,077	.090	.145	.102	.18	.22	.18			
— wrpages	85	62.51	49.90	44.02	50.24	9.164	.585	2.893	.314	84.65	67.92	56.74	67.70	85	102	85	.173	.057	.184	.19	.29	.18			
8 a. DDrace	87	2.96	2.99	3.08	3.03	.107	.008	.044	.004	.99	.92	.87	.91	13,878	474	47,764	.745	.250	.466	-.04	-.14	-.08			
b. DDeconomic	87	2.90	2.97	3.07	3.01	.108	.008	.043	.004	1.00	.90	.85	.88	13,820	115	86	.460	.132	.288	-.08	-.20	-.13			
c. DDreligion	86	2.80	2.90	3.05	2.93	.109	.008	.044	.004	1.01	.95	.87	.94	13,828	115	47,605	.298	.031	.184	-.11	-.29	-.14			
d. DDpolitical	87	2.92	2.93	2.96	2.95	.107	.008	.046	.004	1.00	.93	.90	.92	13,826	472	47,569	.926	.706	.724	-.01	-.04	-.04			
9 a. LSreading	87	3.03	3.04	2.85	3.04	.082	.006	.040	.003	.76	.75	.78	.76	13,740	470	47,302	.868	.055	.910	-.02	.23	-.01			
b. LSnotes	87	2.88	2.92	2.79	2.90	.096	.008	.044	.004	.89	.88	.87	.88	13,735	470	47,272	.726	.382	.901	-.04	.10	-.01			
c. LSsummary	86	2.94	2.81	2.67	2.81	.086	.007	.044	.004	.80	.87	.86	.87	86	132	85	.148	.005	.119	.15	.33	.16			
10. challenge	86	5.61	5.44	5.50	5.44	.145	.011	.060	.006	1.34	1.24	1.17	1.24	13,675	467	47,067	.206	.440	.206	.14	.09	.14			
11 a. intern <sup>l</sup>	84	.034	.071	.113	.078	.0199	.0022	.0162	.0012	--	--	--	--	--	--	--	.187	.027	.131	-.17	-.32	-.20			
b. leader <sup>l</sup>	84	.047	.104	.159	.111	.0233	.0026	.0187	.0015	--	--	--	--	--	--	--	.089	.007	.062	-.22	-.38	-.24			
c. learncom <sup>l</sup>	84	.040	.120	.077	.136	.0216	.0028	.0137	.0016	--	--	--	--	--	--	--	.024	.228	.011	-.31	-.16	-.35			
d. abroad <sup>l</sup>	84	.000	.028	.021	.030	.0000	.0014	.0074	.0008	--	--	--	--	--	--	--	.122	.180	.106	-.34	-.29	-.35			
e. research <sup>l</sup>	82	.000	.041	.051	.047	.0000	.0017	.0113	.0010	--	--	--	--	--	--	--	.061	.037	.044	-.41	-.46	-.44			
f. capstone <sup>l</sup>	83	.067	.020	.009	.021	.0277	.0012	.0050	.0007	--	--	--	--	--	--	--	.002	.001	.003	.24	.33	.23			
12. servcourse	81	1.32	1.65	1.44	1.63	.081	.006	.032	.003	.73	.70	.62	.70	81	457	80	.000	.130	.000	-.47	-.19	-.44			
13 a. QIstudent	77	5.53	5.37	5.55	5.40	.176	.012	.065	.007	1.55	1.43	1.26	1.40	77	98	77	.388	.885	.484	.11	-.02	.09			
b. QIadvisor	80	5.94	5.18	5.17	5.20	.172	.015	.082	.008	1.54	1.69	1.58	1.66	13,122	451	45,412	.000	.000	.000	.45	.49	.45			
c. QIfaculty	73	5.72	5.29	5.28	5.27	.174	.013	.066	.007	1.49	1.46	1.28	1.44	13,274	445	45,789	.012	.009	.008	.30	.34	.31			
d. QIstaff	35	5.24	5.01	5.07	5.01	.310	.015	.081	.008	1.83	1.69	1.51	1.65	11,864	38	41,520	.408	.590	.414	.14	.11	.14			
e. QIadmin	70	5.58	4.99	5.02	4.95	.215	.015	.081	.008	1.80	1.69	1.50	1.67	12,611	90	43,158	.004	.016	.002	.35	.36	.38			
14 a. empstudy	79	2.85	3.12	3.32	3.14	.083	.007	.037	.004	.74	.75	.70	.75	12,845	437	44,203	.002	.000	.001	-.35	-.66	-.38			
b. SEacademic	80	2.86	3.04	3.18	3.06	.106	.007	.041	.004	.94	.83	.77	.82	79	103	79	.101	.006	.070	-.21	-.40	-.24			
c. SElearnsup	80	2.81	3.08	3.15	3.09	.106	.008	.044	.004	.94	.89	.84	.89	12,742	436	43,872	.007	.001	.005	-.30	-.41	-.32			



# NSSE 2017 Frequencies and Statistical Comparisons

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

### Embry Riddle Aeronautical University-Worldwide

#### 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>		
	ERAU Worldwide	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:						
														Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017				
d. SEdiverse	79	2.62	2.77	2.71	2.78	.109	.009	.051	.005	.97	.96	.96	.95	12,719	434	43,817	.179	.468	.147	-.15	-.09	-.16				
e. SEsocial	79	2.33	2.92	2.90	2.96	.118	.008	.045	.004	1.05	.90	.85	.88	79	102	78	.000	.000	.000	-.66	-.64	-.71				
f. SEwellness	79	2.18	2.89	2.89	2.93	.116	.008	.046	.004	1.03	.92	.87	.90	79	104	78	.000	.000	.000	-.77	-.79	-.83				
g. SEnonacad	79	1.92	2.37	2.24	2.37	.117	.009	.048	.005	1.04	.98	.90	.97	12,673	106	43,639	.000	.011	.000	-.46	-.35	-.47				
h. SEactivities	79	1.80	2.72	2.68	2.81	.111	.009	.047	.005	.99	.98	.89	.94	12,651	432	43,590	.000	.000	.000	-.94	-.96	-1.07				
i. SEevents	77	1.99	2.51	2.37	2.55	.121	.009	.048	.005	1.06	.97	.90	.96	12,631	101	43,528	.000	.004	.000	-.54	-.42	-.59				
15 a. tmprephrs	77	16.04	14.21	18.21	14.74	.981	.072	.449	.040	8.63	8.10	8.48	8.29	12,648	432	43,566	.048	.043	.166	.23	-.26	.16				
b. tmcocurrhrs	79	1.88	5.32	7.35	5.71	.579	.062	.392	.034	5.13	6.95	7.40	7.01	79	158	78	.000	.000	.000	-.49	-.78	-.55				
c. tmworkonhrs	79	1.73	2.15	2.18	2.38	.759	.048	.254	.027	6.73	5.40	4.80	5.62	12,613	433	43,435	.488	.483	.306	-.08	-.09	-.12				
d. tmworkoffhrs	79	20.26	6.84	1.77	5.73	1.697	.098	.307	.048	15.03	10.94	5.78	10.07	78	83	78	.000	.000	.000	1.22	2.24	1.44				
— tmworkhrs	79	21.99	8.96	3.95	8.07	1.706	.108	.429	.055	15.12	12.04	8.08	11.51	78	88	78	.000	.000	.000	1.08	1.85	1.21				
e. tmservicehrs	79	1.81	2.53	1.58	2.54	.416	.043	.202	.023	3.68	4.78	3.82	4.72	12,592	432	43,339	.181	.622	.172	-.15	.06	-.15				
f. tmrelaxhrs	77	7.70	11.96	13.39	12.15	.739	.077	.442	.041	6.50	8.56	8.33	8.50	78	137	77	.000	.000	.000	-.50	-.71	-.52				
g. tmcarehrs	79	15.41	3.85	.77	3.04	1.643	.077	.176	.036	14.56	8.56	3.30	7.57	78	79	78	.000	.000	.000	1.34	2.13	1.63				
h. tmcommutehrs	79	1.31	3.83	2.02	3.79	.314	.054	.203	.028	2.78	6.03	3.83	5.90	82	432	79	.000	.118	.000	-.42	-.20	-.42				
16. reading	77	2.92	2.82	2.16	2.76	.129	.010	.051	.005	1.14	1.09	.96	1.10	12,591	101	43,358	.414	.000	.200	.09	.77	.15				
— tmreadinghrs	76	8.35	6.81	5.62	6.80	.848	.053	.259	.028	7.41	5.90	4.86	5.89	76	90	75	.075	.003	.073	.26	.50	.26				
17 a. pgwrite	78	3.00	2.86	2.29	2.81	.106	.008	.049	.004	.94	.85	.92	.87	12,533	429	43,156	.131	.000	.049	.17	.77	.22				
b. pgspeak	78	2.42	2.73	2.26	2.67	.118	.008	.050	.004	1.04	.91	.93	.92	78	106	77	.011	.225	.038	-.34	.16	-.27				
c. pgthink	78	3.03	3.07	3.04	3.07	.098	.007	.044	.004	.87	.81	.83	.81	12,535	429	43,151	.642	.924	.645	-.05	-.01	-.05				
d. pganalyze	78	2.75	2.63	2.96	2.64	.110	.008	.049	.005	.97	.94	.92	.95	12,527	429	43,124	.244	.078	.313	.13	-.22	.11				
e. pgwork	78	2.61	2.60	2.79	2.60	.109	.009	.050	.005	.96	.96	.93	.96	12,531	429	43,133	.947	.126	.963	.01	-.19	.01				
f. pgothers	78	2.64	2.83	2.85	2.83	.102	.008	.048	.004	.90	.88	.90	.88	12,521	429	43,107	.051	.055	.057	-.22	-.24	-.22				
g. pgvalues	78	2.62	2.72	2.47	2.71	.109	.008	.051	.005	.96	.94	.95	.95	12,515	429	43,081	.359	.211	.404	-.10	.16	-.09				
h. pgdiverse	78	2.38	2.79	2.49	2.79	.111	.008	.051	.005	.98	.94	.96	.94	12,516	429	43,082	.000	.383	.000	-.43	-.11	-.43				
i. pgprobsolve	77	2.51	2.63	2.68	2.64	.111	.008	.050	.004	.97	.93	.93	.93	12,504	428	43,052	.291	.165	.245	-.12	-.17	-.13				
j. pgcitizen	78	2.31	2.67	2.33	2.67	.120	.008	.050	.005	1.06	.94	.94	.94	12,471	428	42,931	.001	.844	.001	-.38	-.02	-.38				
18. evalexp	77	3.47	3.19	3.25	3.20	.079	.007	.039	.004	.70	.74	.74	.74	12,523	428	43,111	.001	.021	.002	.37	.29	.35				
19. sameinst	78	3.48	3.21	3.27	3.22	.081	.007	.042	.004	.72	.81	.78	.81	12,533	429	43,158	.004	.034	.005	.33	.27	.32				

# NSSE 2017 Frequencies and Statistical Comparisons

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

### Embry Riddle Aeronautical University-Worldwide

#### 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>		
	ERAU Worldwide	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:						
														Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017				
1 a. askquest	584	3.42	3.13	2.86	3.10	.032	.004	.026	.002	.78	.87	.86	.87	603	1,294	589	.000	.000	.000	.33	.67	.37				
b. drafts	582	2.83	2.46	2.10	2.41	.039	.005	.029	.003	.94	1.02	.94	1.01	600	1,672	587	.000	.000	.000	.37	.78	.42				
c. unpreparedr	579	3.40	3.05	2.95	2.99	.030	.004	.024	.002	.72	.79	.78	.81	597	1,269	584	.000	.000	.000	.45	.60	.51				
d. attendart	582	1.40	1.77	1.83	1.81	.027	.004	.026	.002	.66	.89	.87	.90	611	1,480	591	.000	.000	.000	-.41	-.53	-.45				
e. CLaskhelp	581	1.64	2.35	2.69	2.43	.028	.005	.027	.002	.67	.92	.88	.91	611	1,481	590	.000	.000	.000	-.77	-1.30	-.87				
f. CLexplain	580	1.99	2.65	2.94	2.73	.030	.004	.024	.002	.73	.90	.80	.87	604	1,282	586	.000	.000	.000	-.73	-1.22	-.85				
g. CLstudy	579	1.58	2.39	2.69	2.47	.031	.005	.030	.003	.74	1.02	.98	1.01	609	1,478	587	.000	.000	.000	-.80	-1.23	-.89				
h. CLproject	577	2.35	2.73	3.17	2.84	.035	.005	.025	.003	.84	.97	.81	.93	598	1,653	582	.000	.000	.000	-.39	-1.00	-.52				
i. present	577	2.08	2.67	2.84	2.69	.036	.005	.027	.003	.85	1.01	.88	.98	599	1,205	583	.000	.000	.000	-.59	-.88	-.63				
2 a. RIntegrate	576	2.68	2.92	2.89	2.93	.034	.004	.024	.002	.83	.85	.80	.84	42,031	1,146	580	.000	.000	.000	-.28	-.26	-.30				
b. RIsocietal	572	2.53	2.82	2.44	2.80	.035	.004	.027	.002	.83	.90	.88	.90	41,879	1,635	577	.000	.031	.000	-.32	.11	-.29				
c. RIdiverse	574	2.31	2.66	2.17	2.62	.037	.005	.028	.003	.88	.95	.90	.96	592	1,633	579	.000	.004	.000	-.37	.15	-.32				
d. Rlownview	573	2.76	2.86	2.64	2.84	.032	.004	.025	.002	.77	.82	.82	.83	41,625	1,239	132,662	.007	.004	.021	-.11	.15	-.10				
e. Rlperspect	571	2.85	2.97	2.78	2.96	.032	.004	.026	.002	.78	.80	.83	.81	41,424	1,242	131,962	.000	.064	.001	-.15	.09	-.14				
f. Rlnewview	571	2.75	2.96	2.82	2.95	.032	.004	.024	.002	.76	.78	.76	.79	41,259	1,616	131,372	.000	.067	.000	-.27	-.10	-.25				
g. Rlconnect	569	3.14	3.21	3.07	3.19	.032	.004	.023	.002	.76	.72	.74	.73	41,072	1,607	130,760	.030	.062	.081	-.09	.10	-.07				
3 a. SFcareer	567	1.77	2.43	2.36	2.42	.034	.005	.029	.003	.82	.99	.95	.98	589	1,315	573	.000	.000	.000	-.66	-.65	-.66				
b. SFotherwork	568	1.32	1.90	2.02	1.94	.027	.005	.030	.003	.65	1.01	.96	1.02	606	1,536	579	.000	.000	.000	-.58	-.81	-.62				
c. SFdiscuss	568	1.47	2.13	2.26	2.16	.029	.005	.027	.003	.69	.96	.88	.95	598	1,416	576	.000	.000	.000	-.69	-.97	-.73				
d. SFperform	567	1.78	2.23	2.14	2.21	.032	.005	.027	.003	.76	.93	.87	.91	589	1,597	573	.000	.000	.000	-.49	-.43	-.46				
4 a. memorize	562	2.27	2.71	2.58	2.72	.034	.004	.027	.002	.80	.88	.88	.89	580	1,239	567	.000	.000	.000	-.50	-.37	-.51				
b. HOapply	562	2.98	3.09	3.08	3.09	.031	.004	.024	.002	.73	.79	.78	.79	580	1,214	567	.000	.011	.000	-.15	-.13	-.14				
c. HOanalyze	561	2.97	3.06	2.95	3.05	.033	.004	.026	.002	.79	.82	.83	.82	577	1,210	565	.008	.654	.022	-.11	.02	-.09				
d. HOevaluate	561	2.98	2.97	2.60	2.92	.032	.004	.029	.002	.77	.84	.91	.86	579	1,328	566	.668	.000	.066	.02	.44	.07				
e. HOform	562	2.92	2.97	2.78	2.95	.033	.004	.026	.002	.78	.83	.85	.84	40,498	1,241	566	.132	.001	.423	-.06	.17	-.03				
5 a. ETgoals	562	3.14	3.17	2.99	3.15	.036	.004	.024	.002	.85	.78	.78	.78	40,516	1,073	565	.326	.001	.840	-.04	.18	-.01				
b. ETorganize	558	3.14	3.11	2.97	3.09	.035	.004	.024	.002	.83	.81	.75	.80	40,479	1,057	128,767	.354	.000	.107	.04	.22	.07				
c. ETexample	560	2.88	3.11	3.01	3.10	.039	.004	.025	.002	.92	.83	.79	.83	571	1,012	562	.000	.004	.000	-.27	-.16	-.26				
d. ETdraftfb	556	2.75	2.81	2.54	2.75	.041	.005	.029	.003	.97	.96	.93	.96	40,407	1,574	128,531	.128	.000	.852	-.07	.22	-.01				
e. ETfeedback	560	2.79	2.88	2.66	2.82	.039	.004	.027	.003	.91	.89	.84	.90	40,300	1,571	128,156	.025	.005	.403	-.10	.15	-.04				

# NSSE 2017 Frequencies and Statistical Comparisons

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

### Embry Riddle Aeronautical University-Worldwide

#### 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>		
	ERAU Worldwide	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:						
														Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017				
6 a. QRconclude	562	2.79	2.63	2.88	2.65	.033	.005	.027	.003	.78	.92	.86	.92	583	1,260	568	.000	.047	.000	.18	-.10	.16				
b. QRproblem	562	2.52	2.41	2.35	2.41	.037	.005	.031	.003	.88	.95	.98	.96	580	1,268	567	.004	.000	.004	.11	.18	.11				
c. QRevaluate	565	2.37	2.39	2.49	2.42	.036	.005	.028	.003	.85	.92	.90	.92	583	1,222	570	.596	.007	.163	-.02	-.14	-.05				
7 a. wrshortnum	518	9.99	7.98	6.51	7.70	.328	.035	.195	.020	7.46	6.74	5.96	6.68	529	885	521	.000	.000	.000	.30	.53	.34				
b. wrmednum	519	5.44	3.86	3.18	3.59	.231	.024	.134	.013	5.27	4.58	4.08	4.40	530	871	522	.000	.000	.000	.35	.50	.42				
c. wrlongnum	522	3.00	2.03	2.27	1.94	.185	.020	.127	.011	4.23	3.75	3.88	3.63	533	1,453	524	.000	.001	.000	.26	.18	.29				
— wrpages	512	118.64	84.20	78.36	79.77	4.949	.504	3.012	.272	112.02	95.23	91.37	91.90	522	892	514	.000	.000	.000	.36	.41	.42				
8 a. DDrace	522	3.01	3.06	3.14	3.08	.043	.005	.028	.003	.98	.94	.87	.92	37,252	1,458	117,980	.250	.013	.097	-.05	-.14	-.07				
b. DDeconomic	521	2.92	3.04	3.09	3.06	.042	.005	.028	.003	.95	.90	.86	.88	533	983	524	.005	.001	.001	-.13	-.19	-.16				
c. DDreligion	519	2.83	2.97	3.04	2.98	.044	.005	.029	.003	1.00	.94	.89	.94	531	965	522	.001	.000	.001	-.15	-.23	-.16				
d. DDpolitical	521	2.92	2.96	2.91	2.98	.042	.005	.030	.003	.97	.93	.92	.92	37,101	1,452	117,520	.272	.969	.127	-.05	.00	-.07				
9 a. LSreading	522	3.15	3.17	2.85	3.14	.033	.004	.028	.002	.76	.77	.84	.79	37,015	1,174	117,149	.700	.000	.716	-.02	.37	.02				
b. LSnotes	522	2.78	2.87	2.61	2.83	.040	.005	.030	.003	.91	.93	.93	.93	36,983	1,097	117,052	.021	.001	.175	-.10	.18	-.06				
c. LSsummary	520	2.82	2.88	2.58	2.84	.036	.005	.029	.003	.83	.89	.89	.90	537	1,141	525	.140	.000	.704	-.06	.27	-.02				
10. challenge	520	5.81	5.64	5.31	5.57	.059	.007	.042	.004	1.34	1.28	1.29	1.28	36,812	1,449	116,529	.002	.000	.000	.14	.38	.18				
11 a. intern <sup>l</sup>	522	.080	.448	.717	.492	.0119	.0026	.0148	.0015	--	--	--	--	--	--	--	.000	.000	.000	-.89	-1.45	-.98				
b. leader <sup>l</sup>	518	.098	.304	.567	.353	.0131	.0024	.0163	.0014	--	--	--	--	--	--	--	.000	.000	.000	-.53	-1.07	-.64				
c. learncom <sup>l</sup>	518	.067	.216	.229	.232	.0110	.0022	.0138	.0012	--	--	--	--	--	--	--	.000	.000	.000	-.45	-.48	-.48				
d. abroad <sup>l</sup>	520	.021	.105	.169	.138	.0063	.0016	.0123	.0010	--	--	--	--	--	--	--	.000	.000	.000	-.37	-.56	-.47				
e. research <sup>l</sup>	517	.076	.194	.362	.233	.0116	.0021	.0158	.0012	--	--	--	--	--	--	--	.000	.000	.000	-.36	-.73	-.45				
f. capstone <sup>l</sup>	520	.295	.441	.642	.452	.0200	.0026	.0158	.0015	--	--	--	--	--	--	--	.000	.000	.000	-.31	-.71	-.33				
12. servcourse	519	1.28	1.79	1.57	1.74	.025	.004	.021	.002	.57	.73	.65	.72	542	1,188	525	.000	.000	.000	-.70	-.47	-.65				
13 a. QIstudent	485	5.55	5.60	5.48	5.58	.062	.007	.042	.004	1.37	1.36	1.26	1.34	35,501	916	113,838	.378	.364	.602	-.04	.05	-.02				
b. QIadvisor	492	5.97	5.27	4.85	5.19	.066	.009	.060	.005	1.47	1.76	1.83	1.77	511	1,200	498	.000	.000	.000	.40	.65	.44				
c. QIfaculty	482	5.55	5.57	5.23	5.50	.070	.007	.045	.004	1.53	1.39	1.36	1.40	492	880	484	.736	.000	.489	-.02	.22	.03				
d. QIstaff	215	5.29	4.96	4.64	4.88	.132	.010	.058	.006	1.93	1.75	1.68	1.74	216	301	215	.014	.000	.002	.19	.38	.24				
e. QIadmin	363	5.61	5.00	4.71	4.88	.091	.009	.056	.005	1.73	1.73	1.66	1.73	34,350	1,242	108,678	.000	.000	.000	.35	.54	.42				
14 a. empstudy	491	3.04	3.13	3.30	3.14	.033	.004	.024	.002	.73	.76	.72	.76	505	1,001	495	.012	.000	.003	-.11	-.36	-.13				
b. SEacademic	490	2.76	2.96	2.86	2.94	.041	.005	.027	.003	.91	.86	.82	.85	501	918	493	.000	.032	.000	-.23	-.12	-.21				
c. SElearnsup	489	2.45	2.85	2.75	2.85	.043	.005	.030	.003	.96	.94	.89	.93	501	939	492	.000	.000	.000	-.43	-.33	-.43				

# NSSE 2017 Frequencies and Statistical Comparisons

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

### Embry Riddle Aeronautical University-Worldwide

#### 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>		
	ERAU Worldwide	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	ERAU Worldwide	Carnegie Master's L	AITU	NSSE 2016 & 2017	Comparisons with:			Comparisons with:			Comparisons with:						
														Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017	Carnegie Master's L	AITU	NSSE 2016 & 2017				
d. SEdiverse	485	2.43	2.63	2.40	2.61	.046	.005	.032	.003	1.00	1.00	.97	.99	35,007	1,376	110,783	.000	.600	.000	-.20	.03	-.18				
e. SESocial	484	2.15	2.76	2.72	2.81	.044	.005	.030	.003	.98	.94	.89	.93	34,994	1,377	110,667	.000	.000	.000	-.65	-.62	-.72				
f. SEwellness	484	1.91	2.70	2.67	2.73	.045	.005	.031	.003	.99	.98	.91	.96	34,924	1,376	110,481	.000	.000	.000	-.80	-.81	-.86				
g. SEnonacad	484	1.70	2.10	1.96	2.08	.041	.005	.031	.003	.91	.99	.91	.98	34,925	996	110,442	.000	.000	.000	-.40	-.29	-.39				
h. SEactivities	481	1.64	2.42	2.49	2.56	.039	.006	.030	.003	.85	1.02	.91	1.00	500	1,036	486	.000	.000	.000	-.77	-.97	-.93				
i. SEevents	479	1.66	2.32	2.14	2.36	.039	.005	.030	.003	.86	.99	.90	.97	495	1,368	483	.000	.000	.000	-.67	-.55	-.72				
15 a. tmprephrs	485	15.37	14.91	17.98	15.22	.380	.047	.314	.027	8.36	8.72	9.36	8.88	499	1,093	489	.230	.000	.691	.05	-.29	.02				
b. tmcocurrhrs	484	1.02	4.37	7.74	4.91	.169	.037	.269	.021	3.72	6.90	8.02	7.07	531	1,342	499	.000	.000	.000	-.49	-.99	-.55				
c. tmworkonhrs	486	.63	3.00	4.44	3.61	.186	.036	.223	.021	4.10	6.63	6.64	7.09	521	1,352	498	.000	.000	.000	-.36	-.65	-.42				
d. tmworkoffhrs	485	24.68	14.69	5.22	12.73	.630	.074	.331	.040	13.87	13.73	9.86	13.38	497	756	109,875	.000	.000	.000	.73	1.70	.89				
— tmworkhrs	484	25.29	17.65	9.61	16.29	.632	.074	.373	.041	13.90	13.62	11.08	13.38	34,590	823	109,362	.000	.000	.000	.56	1.29	.67				
e. tmservicehrs	485	2.54	3.35	2.08	3.24	.236	.031	.130	.017	5.21	5.69	3.88	5.51	501	783	489	.001	.094	.003	-.14	.10	-.13				
f. tmrelaxhrs	482	7.35	10.13	12.62	10.56	.314	.043	.289	.024	6.90	8.00	8.61	8.10	499	1,180	487	.000	.000	.000	-.35	-.65	-.40				
g. tmcarehrs	482	16.30	7.79	1.85	6.31	.627	.066	.200	.034	13.76	12.21	5.96	11.27	492	581	484	.000	.000	.000	.70	1.53	.89				
h. tmcommutehrs	484	1.89	4.86	3.90	4.86	.210	.034	.148	.018	4.61	6.21	4.43	6.03	508	1,371	490	.000	.000	.000	-.48	-.45	-.49				
16. reading	484	3.08	2.93	2.17	2.86	.043	.006	.035	.004	.95	1.16	1.04	1.18	504	1,067	490	.001	.000	.000	.12	.90	.19				
— tmreadinghrs	483	8.29	7.54	5.64	7.35	.293	.035	.173	.019	6.43	6.53	5.13	6.43	34,591	821	109,409	.013	.000	.001	.11	.47	.15				
17 a. pgwrite	483	3.23	3.04	2.58	3.00	.037	.005	.032	.003	.81	.88	.94	.89	34,600	1,124	109,527	.000	.000	.000	.21	.73	.26				
b. pgspeak	486	2.73	2.92	2.71	2.91	.045	.005	.032	.003	.99	.94	.95	.93	498	1,369	489	.000	.723	.000	-.20	.02	-.19				
c. pgthink	485	3.26	3.29	3.29	3.29	.036	.004	.026	.002	.79	.79	.77	.79	34,647	1,370	109,585	.401	.475	.318	-.04	-.04	-.05				
d. pganalyze	485	3.08	2.83	3.13	2.85	.038	.005	.030	.003	.84	.97	.90	.97	503	1,052	490	.000	.355	.000	.27	-.05	.24				
e. pgwork	484	2.81	2.95	3.05	2.92	.045	.005	.031	.003	.99	.96	.92	.96	496	927	109,587	.002	.000	.009	-.14	-.26	-.12				
f. pgothers	483	2.71	3.02	3.07	3.03	.043	.005	.028	.003	.95	.90	.84	.89	495	893	486	.000	.000	.000	-.34	-.41	-.36				
g. pgvalues	481	2.51	2.86	2.58	2.83	.048	.005	.033	.003	1.05	.99	.99	.99	492	940	484	.000	.218	.000	-.35	-.07	-.33				
h. pgdiverse	480	2.47	2.85	2.48	2.83	.046	.005	.034	.003	1.01	.98	1.01	.98	492	1,361	483	.000	.932	.000	-.39	.00	-.37				
i. pgprobsolve	483	2.64	2.82	2.88	2.82	.044	.005	.032	.003	.96	.95	.95	.95	34,571	1,365	109,387	.000	.000	.000	-.18	-.25	-.18				
j. pgcitizen	476	2.43	2.72	2.27	2.70	.047	.005	.033	.003	1.03	.99	.99	1.00	488	943	109,017	.000	.004	.000	-.29	.16	-.27				
18. evalexp	481	3.44	3.27	3.19	3.26	.034	.004	.026	.002	.74	.76	.78	.77	34,616	1,363	109,506	.000	.000	.000	.22	.33	.23				
19. sameinst	482	3.43	3.24	3.12	3.23	.035	.005	.029	.003	.78	.84	.86	.85	34,638	1,366	109,638	.000	.000	.000	.22	.37	.24				

---

### 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  $N$ s 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."