# Angelo State University NSSE 2015 Major Field Report, Part II Comparisons to Other Institutions Business

Comparing your students majoring in the fields shown below to those in the same fields at your comparison group institutions

The Major Field Report group 'Business' includes the following majors: Accounting; Business administration; Entrepreneurial studies; Finance; Hospitality and tourism; International business; Management; Management information systems; Marketing; Organizational leadership or behavior; Supply chain and operations management; Other business.



Note:

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



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

#### **About This Report**

#### About Your Major Field Report, Part II

NSSE data serve to identify institutional strengths and weaknesses in reference to selected comparison institutions, yet institution-level comparisons may not capture important variation in student engagement that can be found within key subpopulations such as major. This report displays selected results for students at your institution and at your selected comparison institutions in the major category: Business.

#### NSSE results included in MFR, Part II

- Engagement Indicators
- High-Impact Practices
- Frequencies and Statistical Comparisons
- Respondent Profile

#### **Related-Major Groups**

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

#### Sample

This report is based on information from all randomly selected or census-administered students in the indicated group of majors for both your institution and your comparison institutions. Targeted and locally administered oversamples and other non-randomly selected students are not included.

#### Class

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

#### **Technical Requirements**

Engagement Indicators (nn. 2.7)

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

#### **Report Sections**

Engagement indicators (pp. 3-7)	Results on NSSE's ten Engagement mulcators (E1s) organized into four themes. See your Engagement mulcators report for more details.
High-Impact Practices (p. 8)	Results on student participation in six High-Impact Practices (HIPs). See your High-Impact Practices report for more details.
Frequencies and Statistical Comparisons (pp. 9-44)	Response frequencies and statistical comparisons (including tests of significance and effect sizes) for all survey items except the demographics for your institution and your three core comparison groups.
Respondent Profile (pp. 45-51)	Response frequencies for all demographic questions for your institution and your three core comparison groups.

Decults on NSSE's tan Engagement Indicators (EIs) organized into four thames. See your Engagement Indicators, report for more details



Overview of Engagement Indicators: Business Angelo State University

#### **Engagement Indicators: Overview**

Engagement Indicators are summary measures based on sets of NSSE questions examining key dimensions of student engagement. The ten indicators are organized within four themes: Academic Challenge, Learning with Peers, Experiences with Faculty, and Campus Environment. The tables below compare average scores<sup>a</sup> for your students in this related-major category with students in your comparison groups within the same category.

#### Use the following key:

- ▲ 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.
- -- No significant difference.
- $\nabla$  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.

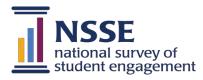
		First	-Year Students in Bus	iness		Seniors in Business	
		Your first-year students compared with	Your first-year students compared with	Your first-year students compared with	Your seniors compared with	Your seniors compared with	Your seniors compared with
Theme	Engagement Indicator	Southwest Public	Carnegie Class	NSSE 2014 & 2015	Southwest Public	Carnegie Class	NSSE 2014 & 2015
	Higher-Order Learning						
Academic	Reflective & Integrative Learning						
Challenge	Learning Strategies						
	Quantitative Reasoning						
Learning with	Collaborative Learning						
Peers	Discussions with Diverse Others				•		
Experiences	Student-Faculty Interaction						
with Faculty	Effective Teaching Practices				•	•	lacktriangle
Campus	Quality of Interactions						
Environment	Supportive Environment						



Engagement Indicators: Business
Angelo State University

## First-year students<sup>a</sup> in

Business	Mea	n statistics			Percer	ntile <sup>d</sup> scores	;		C	Comparison re	sults	
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
Academic Challenge	iviean	SD	SEIVI	Stri	25111	SUTI	75tn	95111	Deg. of freedom	ақт.	Sig.	SIZE -
· ·												
Higher-Order Learning	44.5	12.0		20	2.0	40						
ASU (N = 49)	41.5	13.9	1.98	20	30	40	55	60	1.106	2.2		220
Southwest Public	38.2	13.9	.41	15	30	40	50	60	1,196	3.3		.239
Carnegie Class	38.8	13.4	.30	20	30	40	50	60	2,082	2.7		.202
NSSE 2014 & 2015	39.3	13.7	.09	20	30	40	50	60	25,788	2.2		.161
Reflective & Integrative Learning												
ASU $(N = 51)$	37.1	13.2	1.85	17	29	37	46	60				
Southwest Public	35.1	12.6	.36	17	26	34	43	60	1,236	2.1		.166
Carnegie Class	35.6	12.4	.27	17	26	34	43	60	2,144	1.6		.127
NSSE 2014 & 2015	35.7	12.5	.08	17	26	34	43	60	26,517	1.4		.113
Learning Strategies												
ASU (N = 48)	42.4	14.4	2.08	20	33	40	57	60				
Southwest Public	39.1	14.4	.42	20	27	40	53	60	1,217	3.2		.225
Carnegie Class	39.5	14.0	.31	20	27	40	53	60	2,107	2.9		.205
NSSE 2014 & 2015	39.8	14.2	.09	20	27	40	53	60	26,080	2.6		.181
<b>Quantitative Reasoning</b>												
ASU $(N = 51)$	33.6	14.6	2.04	13	20	33	40	60				
Southwest Public	29.7	16.3	.47	0	20	27	40	60	1,238	3.9		.242
Carnegie Class	29.8	15.7	.34	0	20	27	40	60	2,131	3.8		.239
NSSE 2014 & 2015	30.2	16.1	.10	0	20	27	40	60	26,390	3.4		.212
Learning with Peers												
Collaborative Learning												
ASU $(N = 51)$	35.5	15.0	2.10	15	20	35	45	60				
Southwest Public	31.9	13.8	.40	10	20	30	40	60	1,215	3.6		.257
Carnegie Class	32.2	13.6	.30	10	20	30	40	60	2,096	3.3		.241
NSSE 2014 & 2015	32.6	14.1	.09	10	20	30	40	60	25,990	2.9		.204
<b>Discussions with Diverse Others</b>												
ASU $(N = 50)$	42.7	15.5	2.19	15	35	40	60	60				
Southwest Public	40.1	16.8	.49	10	30	40	60	60	1,234	2.6		.155
Carnegie Class	39.6	16.2	.36	10	30	40	55	60	2,120	3.1		.190
NSSE 2014 & 2015	40.6	16.2	.10	15	30	40	60	60	26,322	2.1		.132



Engagement Indicators: Business
Angelo State University

# First-year students<sup>a</sup> in

Business	Mea	n statistics			Percei	ntile <sup>d</sup> scores			C	Comparison re	sults	
										Mean		Effect
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	diff.	Sig. <sup>f</sup>	size <sup>g</sup>
Experiences with Faculty												
Student-Faculty Interaction												
ASU $(N = 51)$	25.6	17.4	2.43	0	10	20	35	55				
Southwest Public	20.8	15.2	.44	0	10	20	30	50	1,225	4.8	*	.312
Carnegie Class	21.6	14.8	.32	0	10	20	30	50	52	4.0		.267
NSSE 2014 & 2015	21.0	15.0	.09	0	10	20	30	50	50	4.6		.307
<b>Effective Teaching Practices</b>												
ASU $(N = 51)$	40.5	12.8	1.80	20	28	40	52	60				
Southwest Public	39.1	13.8	.40	16	28	40	52	60	1,243	1.4		.103
Carnegie Class	40.5	13.0	.28	20	32	40	52	60	2,152	.0		.000
NSSE 2014 & 2015	40.3	13.2	.08	20	32	40	52	60	26,630	.2		.013
Campus Environment												
<b>Quality of Interactions</b>												
ASU $(N = 49)$	43.4	12.1	1.73	18	38	46	52	60				
Southwest Public	40.5	13.3	.39	15	32	42	50	60	1,209	2.9		.222
Carnegie Class	42.4	12.2	.27	20	34	44	50	60	2,086	1.0		.084
NSSE 2014 & 2015	41.7	12.4	.08	18	34	44	50	60	25,693	1.7		.137
Supportive Environment												
ASU $(N = 51)$	39.7	14.1	1.97	20	28	40	53	60				
Southwest Public	37.6	14.3	.42	15	28	38	49	60	1,238	2.1		.145
Carnegie Class	37.0	13.7	.30	15	28	38	48	60	2,138	2.7		.194
NSSE 2014 & 2015	37.5	13.9	.09	15	28	38	48	60	26,370	2.1		.152



Engagement Indicators: Business
Angelo State University

## Seniors<sup>a</sup> in

Business	Mea	n statistics			Percer	ntile <sup>d</sup> scores			C	Comparison re	sults	
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
Academic Challenge	Weun	<u>مرد</u>	SEIVI	301	2501	30111	7501	35tii	Deg. of freedom	uŋj.	Sig.	3126
Higher-Order Learning												
ASU (N = 41)	38.7	16.6	2.60	10	30	40	50	60				
Southwest Public	39.5	14.2	.28	15	30	40	50	60	2,602	9		063
Carnegie Class	40.7	13.4	.22	20	30	40	50	60	41	-2.1		153
NSSE 2014 & 2015	40.5	13.9	.07	20	30	40	50	60	40,802	-1.8		132
Reflective & Integrative Learning												
ASU (N = 42)	35.5	13.4	2.08	17	26	34	46	60				
Southwest Public	36.7	12.9	.25	17	29	37	46	60	2,667	-1.2		094
Carnegie Class	38.1	12.5	.20	20	29	37	46	60	3,797	-2.6		206
NSSE 2014 & 2015	37.9	12.5	.06	20	29	37	46	60	41,931	-2.4		194
Learning Strategies												
ASU (N = 42)	37.5	15.1	2.33	13	27	40	47	60				
Southwest Public	40.5	14.5	.29	13	33	40	53	60	2,617	-3.0		207
Carnegie Class	40.0	14.5	.24	13	27	40	53	60	3,732	-2.5		174
NSSE 2014 & 2015	39.9	14.6	.07	13	27	40	53	60	41,203	-2.5		169
<b>Quantitative Reasoning</b>												
ASU $(N = 42)$	31.7	15.8	2.43	7	20	30	47	60				
Southwest Public	32.8	16.3	.32	7	20	33	40	60	2,655	-1.1		066
Carnegie Class	32.8	16.2	.27	7	20	33	40	60	3,792	-1.1		065
NSSE 2014 & 2015	33.4	16.2	.08	7	20	33	40	60	41,775	-1.6		101
Learning with Peers												
Collaborative Learning												
ASU $(N = 41)$	35.7	15.1	2.37	10	25	35	50	60				
Southwest Public	32.4	14.2	.28	10	20	30	40	60	2,607	3.3		.235
Carnegie Class	31.5	14.4	.24	5	20	30	40	60	3,725	4.3		.297
NSSE 2014 & 2015	33.1	14.0	.07	10	25	35	40	60	41,155	2.6		.189
<b>Discussions with Diverse Others</b>												-
ASU $(N = 42)$	36.2	19.0	2.93	10	20	38	60	60				
Southwest Public	41.6	17.1	.34	10	30	40	60	60	2,641	-5.4	*	317
Carnegie Class	40.6	16.3	.27	15	30	40	60	60	42	-4.5		272
NSSE 2014 & 2015	41.3	16.4	.08	15	30	40	60	60	41	-5.2		315



Engagement Indicators: Business
Angelo State University

Seniors<sup>a</sup> in

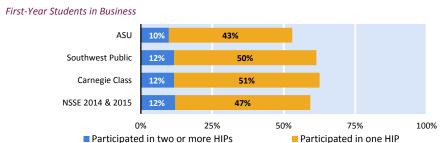
Business	Mea	n statistics			Percei	ntile <sup>d</sup> scores			(	Comparison re	sults	
	Mean	SD <sup>b</sup>	SEM <sup>c</sup>	5th	25th	50th	75th	95th	Deg. of freedom <sup>e</sup>	Mean diff.	Sig. <sup>f</sup>	Effect size <sup>g</sup>
Experiences with Faculty	ivieuri	30	SEIVI	3111	25111	30111	75111	95111	Deg. oj jreedom	uijj.	Sig.	3126
Student-Faculty Interaction												
ASU (N = 40)	24.0	15.0	2.38	0	15	20	35	48				
Southwest Public	19.9	15.9	.31	0	5	15	30	55	2,630	4.1		.259
Carnegie Class	22.1	16.1	.26	0	10	20	30	55	3,737	1.9		.118
NSSE 2014 & 2015	21.9	16.1	.08	0	10	20	30	55	41,323	2.1		.128
<b>Effective Teaching Practices</b>												
ASU $(N = 42)$	34.9	11.9	1.83	12	28	36	44	48				
Southwest Public	40.4	14.1	.27	16	32	40	52	60	2,673	-5.5	*	389
Carnegie Class	40.9	13.5	.22	20	32	40	52	60	3,812	-6.0	**	444
NSSE 2014 & 2015	40.6	13.6	.07	20	32	40	52	60	42,085	-5.7	**	420
Campus Environment												
Quality of Interactions												
ASU $(N = 42)$	43.7	11.8	1.82	18	38	45	50	60				
Southwest Public	43.0	12.3	.25	20	36	45	52	60	2,513	.7		.054
Carnegie Class	43.8	12.0	.20	20	38	45	52	60	3,585	1		010
NSSE 2014 & 2015	43.0	12.0	.06	20	36	44	52	60	40,098	.7		.058
Supportive Environment												
ASU $(N = 41)$	36.4	14.5	2.27	10	28	38	48	60				
Southwest Public	33.2	14.9	.29	8	23	33	43	60	2,651	3.2		.218
Carnegie Class	32.1	14.8	.24	8	20	33	43	60	3,772	4.3		.289
NSSE 2014 & 2015	33.2	14.6	.07	10	23	33	43	60	41,686	3.2		.220

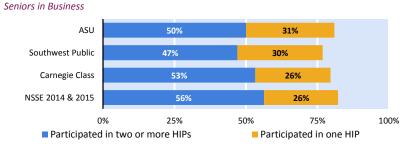


High-Impact Practices: Business Angelo State University

#### **Overall HIP Participation**<sup>a</sup>

The figures below display the percentage of students who participated in High-Impact Practices. Both figures include participation in a learning community, service-learning, and research with faculty. The Senior figure also includes participation in an internship or field experience, study abroad, and culminating senior experience. The first segment in each bar shows the percentage of students who participated in at least two HIPs, and the full bar (both colors) represents the percentage who participated in at least one.





#### Statistical Comparisons<sup>a</sup>

The table below compares the percentage of your students who participated in a High-Impact Practice, including the percentage who participated overall (at least one, two or more), with those at institutions in your comparison groups.

	ASU	South	west Public		Carr	negie Class		NSSE	2014 & 201	5
First-Year Students in Business	%	% <sup>i</sup>	Effe	ct size <sup>j</sup>	% <sup>i</sup>	Efj	fect size <sup>j</sup>	% <sup>i</sup>	H	Effect size <sup>j</sup>
11c. Learning community	8	14		21	13		18	15		23
12. Service-learning	50	56		13	59		18	54		08
11e. Research with faculty	14	6 *		.28	5 **		.32	5 **	I	.30
Participated in at least one	53	61		17	63		19	59		13
Participated in two or more	10	12		06	12		06	12		07
Seniors in Business			_							
11c. Learning community	29	19		.22	20		.19	22		.15
12. Service-learning	41	55		28	57 *		32	58 *		34
11e. Research with faculty	17	10		.18	15		.04	14		.09
11a. Internship or field exp.	29	34		10	42		27	46 *		35
11d. Study abroad	29	9 ***		.52	13 **		.40	16 *		.33
11f. Culminating senior exp.	43	40		.07	44		02	45		05
Participated in at least one	81	77		.10	80		.03	82		03
Participated in two or more	50	47		.06	53		07	56		13



Frequencies and Statistical Comparisons: Business

First-Year Stu	ıdents <sup>a</sup> in					Frequer	icy D	istribution	S				Sta	atistical	Comparis	ons <sup>k</sup>		
Business										NSSE 2014	1 0			Your fir	st-year stude	nts comp	ared with	
				ASU		Southwest P	uhlic	Carnegie C	200	2015	ŧά	ASU	Southwe	st Dublic	Carnegie	Class	NSSE 2014	1 & 2015
Item wording	Variable			A30		30utiiwest F	ublic	Carriegie Ci	ass	2013		7.50	Journa	Effect	Carriegie	Effect	N33L 2012	Effect
or description	name <sup>I</sup>	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
1. During the current s	school year, abou	t how o	ften have you done th	e following?														
a. Asked questions or	askquest	1	Never	1	2	44	4	56	3	742	3							
contributed to course		2	Sometimes	20	39	437	37	659	31	8,688	33							
discussions in other ways		3	Often	14	27	439	37	784	37	9,491	36	2.9	2.8	.11	2.9	04	2.9	03
ways		4	Very often	16	31	277	23	601	29	7,709	29							
			Total	51	100	1,197	100	2,100	100	26,630	100							
b. Prepared two or more	drafts	1	Never	4	8	177	15	276	13	3,649	14							
drafts of a paper or		2	Sometimes	15	29	372	31	758	36	8,808	33							
assignment before turning it in		3	Often	15	29	366	31	591	28	8,182	31	2.9	2.6	.26	2.6 *	.29	2.6 *	.27
turning it in		4	Very often	17	33	280	23	468	22	5,868	22				Δ		Δ	
			Total	51	100	1,195	100	2,093	100	26,507	100							
c. Come to class without	unpreparedr	1	Very often	3	6	70	6	103	5	1,541	6							
completing readings or	(Reverse-coded	2	Often	5	10	178	15	218	10	3,336	13							
assignments	version of	3	Sometimes	26	51	657	55	1,152	55	14,320	54	3.1	3.0	.18	3.1	.03	3.0	.11
	unprepared	4	Never	17	33	288	24	625	30	7,266	27							
	created by NSSE.)		Total	51	100	1,193	100	2,098	100	26,463	100							
d. Attended an art exhibit,	, attendart	1	Never	19	37	457	39	713	34	9,899	37							
play or other arts		2	Sometimes	15	29	441	37	874	42	10,449	39							
performance (dance, music, etc.)		3	Often	9	18	211	18	349	17	4,109	16	2.1	1.9	.21	2.0	.15	1.9	.20
music, etc.)		4	Very often	8	16	77	6	160	8	1,999	8							
			Total	51	100	1,186	100	2,096	100	26,456	100							
e. Asked another student	CLaskhelp	1	Never	1	2	117	10	198	9	2,495	9							
to help you understand		2	Sometimes	19	37	504	42	824	39	10,859	41							
course material		3	Often	20	39	390	33	767	37	8,778	33	2.8	2.5 *	.31	2.6 *	.29	2.6	.27
		4	Very often	11	22	181	15	298	14	4,360	16		<b>A</b>		Δ			
			Total	51	100	1,192	100	2,087	100	26,492	100							
f. Explained course	CLexplain	1	Never	1	2	49	4	94	4	1,219	5							
material to one or more		2	Sometimes	22	43	478	40	827	40	10,255	39							
students		3	Often	18	35	458	39	823	39	10,059	38	2.7	2.7	.05	2.7	.06	2.7	.03
		4	Very often	10	20	202	17	346	17	4,877	18							
			Total	51	100	1,187	100	2,090	100	26,410	100							



Frequencies and Statistical Comparisons: Business

First-Year Stud	lents <sup>a</sup> in					Frequer	ıcy D	istribution	S				St	atistical (	Comparis	sons <sup>k</sup>		
Business										NSSE 2014	ı &			Your fir	st-year stud	ents compo	ared with	
				ASU		Southwest P	ublic	Carnegie Cl	ass	2015	r u	ASU	Southwe	est Public	Carnegi	e Class	NSSE 2014	4 & 2015
Item wording	Variable													Effect		Effect		Effect
g. Prepared for exams by	name ' CLstudy	Values 1	Response options Never	Count 5	10	Count 168	% 14	Count 298	% 14	3,679	<u>%</u> 14	Mean	Mean	size <sup>n</sup>	Mean	size "	Mean	size <sup>n</sup>
discussing or working	CLStudy	2	Sometimes	15	29	449	38	792	38	9,447	36							
through course material		3	Often	18	35	365	31	641	31	8,281	31	2.8	2.5	.26	2.5	.27	2.6	.22
with other students		4	Very often	13	25	213	18	362	17	5,118	19	2.0	2.3	.20	2.3	.21	2.0	.22
		-	Total	51	100	1,195	100	2,093	100	26,525	100							
h. Worked with other	CLproject	1	Never	3	6	93	8	154	7	1,764	7							
students on course	C-project	2	Sometimes	18	35	420	35	735	35	9,725	37							
projects or assignments		3	Often	16	31	482	41	798	38	9,757	37	2.8	2.7	.18	2.7	.13	2.7	.12
		4	Very often	14	27	192	16	401	19	5,223	20	2.0	2.7	.10	2.7	.13	2.7	.12
			Total	51	100	1,187	100	2,088	100	26,469	100							
i. Given a course	present	1	Never	6	12	244	21	309	15	3,981	15							
presentation	•	2	Sometimes	24	48	500	42	819	39	10,917	41							
		3	Often	11	22	319	27	619	30	7,622	29	2.5	2.3	.21	2.5	02	2.4	.03
		4	Very often	9	18	125	11	344	16	3,953	15							
			Total	50	100	1,188	100	2,091	100	26,473	100							
2. During the current scl	hool vear, abo	ut how	often have you done th	e following?														
a. Combined ideas from	RIintegrate	1		1	2	87	7	121	6	1,656	6							
different courses when		2	Sometimes	18	35	481	40	821	39	10,120	38							
completing assignments		3	Often	23	45	423	35	751	36	9,729	37	2.8	2.6	.19	2.7	.12	2.7	.12
		4	Very often	9	18	203	17	405	19	5,025	19							
			Total	51	100	1,194	100	2,098	100	26,530	100							
b. Connected your	RIsocietal	1	Never	3	6	97	8	154	7	1,862	7							
learning to societal		2	Sometimes	17	33	464	39	824	40	10,063	38							
problems or issues		3	Often	23	45	437	37	722	35	9,694	37	2.7	2.6	.12	2.6	.08	2.7	.06
		4	Very often	8	16	186	16	384	18	4,732	18							
			Total	51	100	1,184	100	2,084	100	26,351	100							
c. Included diverse	RIdiverse	1	Never	6	12	112	9	167	8	2,178	8							
perspectives (political, religious, racial/ethnic,		2	Sometimes	16	31	449	38	879	42	10,559	40							
gender, etc.) in course		3	Often	17	33	436	37	717	34	9,151	35	2.7	2.6	.10	2.6	.13	2.6	.09
discussions or		4	Very often	12	24	194	16	326	16	4,516	17							
assignments			Total	51	100	1,191	100	2,089	100	26,404	100							



Frequencies and Statistical Comparisons: Business

First-Year Stud	dents <sup>a</sup> in					Frequen	cy D	istribution	S				St	atistical (	Comparis	ons <sup>k</sup>		
Business										NSSE 2014	4 &			Your fir	st-year stude	ents compo	ared with	
				ASU		Southwest Pu	ublic	Carnegie Cl	ass	2015		ASU	Southwe	est Public	Carnegie	Class	NSSE 2014	<b>&amp;</b> 2015
Item wording	Variable		,											Effect		Effect		Effect
d. Examined the strengths	name ' RIownview	Values <sup>1</sup>	Response options Never	Count 2	% 4	Count 44	% 4	Count 95	% 5	Count 1,147	<u>%</u>	Mean	Mean	size "	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
and weaknesses of		2	Sometimes	17	34	394	33	680	32	8,711	33							
your own views on a		3	Often	16	32	522	44	927	44	11,200	42	2.9	2.8	.12	2.8	.13	2.8	.12
topic or issue		4	Very often	15	30	224	19	393	19	5,336	20		2.0		2.0	.13	2.0	
			Total	50	100	1,184	100	2,095	100	26,394	100							
e. Tried to better	RIperspect	1	Never	3	6	40	3	72	3	892	3							
understand someone		2	Sometimes	11	22	378	32	627	30	8,059	31							
else's views by		3	Often	21	41	497	42	900	43	11,300	43	3.0	2.8	.18	2.9	.14	2.9	.15
imagining how an issue looks from his or her		4	Very often	16	31	266	23	489	23	6,130	23							
perspective			Total	51	100	1,181	100	2,088	100	26,381	100							
f. Learned something that	RInewview	1	Never	2	4	36	3	63	3	671	3							
changed the way you		2	Sometimes	17	33	394	33	634	30	8,345	32							
understand an issue or concept		3	Often	18	35	486	41	913	44	11,336	43	2.9	2.8	.04	2.9	.00	2.9	.00
сопсере		4	Very often	14	27	268	23	474	23	6,010	23							
			Total	51	100	1,184	100	2,084	100	26,362	100							
g. Connected ideas from	RIconnect	1	Never	1	2	21	2	32	2	362	1							
your courses to your prior experiences and		2	Sometimes	13	25	287	24	499	24	5,858	22							
knowledge		3	Often	17	33	533	45	895	43	11,937	45	3.1	3.0	.11	3.0	.07	3.1	.05
C		4	Very often	20	39	341	29	654	31	8,136	31							
			Total	51	100	1,182	100	2,080	100	26,293	100							
3. During the current sci	•		•															
a. Talked about career plans with a faculty	SFcareer	1		11	22		23	423	20	5,847	22							
member		2	Sometimes	18	35	512	43	957	46	11,859	45							
		3	Often	14	27	277	23	438	21	5,759	22	2.4	2.2	.18	2.3	.11	2.2	.17
		4	Very often	8	16	124	10	277	13	2,955	11							
1 W 1 1 21 6 2	on a .		Total	51	100	1,188	100	2,095	100	26,420	100							
<ul> <li>Worked with a faculty member on activities</li> </ul>	SFotherwork	1	Never	20	39	569	48	996	48	12,877	49							
other than coursework		2	Sometimes	12	24	350	29	643	31	7,982	30	2.1		• •		• •		
(committees, student		3	Often	13	25	183	15	288	14	3,574	14	2.1	1.8 *	.29	1.8 *	.29	1.8 *	.33
groups, etc.)		4	Very often	6	12	86	7	168	8	1,926	7		Δ		Δ		<b>A</b>	
			Total	51	100	1,188	100	2,095	100	26,359	100							



Frequencies and Statistical Comparisons: Business

First-Year Stud	lents <sup>a</sup> in					Frequen	cy D	istribution	S			•	Sta	atistical (	Comparis	ons <sup>k</sup>		
Business						·	•								st-year stude		ared with	
Dusilless										NSSE 2014	<b>!</b> &							
				ASU		Southwest Po	ublic	Carnegie Cl	ass	2015		ASU	Southwe	st Public	Carnegie	Class	NSSE 201	4 & 2015
Item wording	Variable name <sup>I</sup>		n o				2/		2/					Effect		Effect		Effect size "
or description  c. Discussed course	SFdiscuss	Values 1	Response options Never	Count 12	24	Count 400	34	Count 598	29	8,317	32	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size
topics, ideas, or		2	Sometimes	21	41	471	40	944	45	11,081	42							
concepts with a faculty		3	Often	11	22	224	19	393	19	4,820	18	2.3	2.0	.28	2.1	.23	2.0	.25
member outside of class		4	Very often	7	14	90	8	156	7	2,127	8							
Ciass			Total	51	100	1,185	100	2,091	100	26,345	100							
d. Discussed your	SFperform	1	Never	11	22	306	26	444	21	6,140	23							
academic performance		2	Sometimes	19	37	517	44	995	48	12,196	46							
with a faculty member		3	Often	11	22	257	22	447	21	5,502	21	2.4	2.1	.29	2.2	.23	2.2	.26
		4	Very often	10	20	103	9	196	9	2,470	9							
			Total	51	100	1,183	100	2,082	100	26,308	100							
I. During the current sci	hool year, how	much l	nas your coursework e	mphasized th	e follo	wing?												
a. Memorizing course	memorize	1	•	0	0	29	2	66	3	895	3							
material		2	Some	12	24	271	23	527	25	6,404	24							
		3	Quite a bit	21	41	573	48	956	46	11,866	45	3.1	3.0	.16	2.9	.21	3.0	.19
		4	Very much	18	35	318	27	548	26	7,323	28							
			Total	51	100	1,191	100	2,097	100	26,488	100							
b. Applying facts,	HOapply	1	Very little	1	2	39	3	65	3	812	3							
theories, or methods to		2	Some	11	22	300	25	497	24	6,061	23							
practical problems or new situations		3	Quite a bit	24	48	557	47	978	47	12,247	46	3.0	2.9	.12	3.0	.08	3.0	.05
new structions		4	Very much	14	28	286	24	542	26	7,230	27							
			Total	50	100	1,182	100	2,082	100	26,350	100							
c. Analyzing an idea,	HOanalyze	1	Very little	0	0	58	5	72	3	840	3							
experience, or line of reasoning in depth by		2	Some	10	20	315	27	520	25	6,321	24							
examining its parts		3	Quite a bit	26	52	486	41	927	45	11,499	44	3.1	2.9	.21	3.0	.16	3.0	.11
5 1		4	Very much	14	28	314	27	564	27	7,654	29							
			Total	50	100	1,173	100	2,083	100	26,314	100							
d. Evaluating a point of	HOevaluate	1	Very little	1	2	42	4	64	3	812	3							
view, decision, or information source		2	Some	12	24	303	26	517	25	6,351	24	2.4						
		3	Quite a bit	18	35	516	44	963	46	11,714	44	3.1	2.9	.21	3.0	.21	3.0	.17
		4	Very much	20	39	321	27	544	26	7,463	28							
			Total	51	100	1,182	100	2,088	100	26,340	100							



Frequencies and Statistical Comparisons: Business

First-Year Stud	dents <sup>a</sup> in					Frequen	cy D	istribution	S				Sta	atistical	Compari	sons <sup>k</sup>		
Business										NSSE 2014	a O			Your fi	st-year stud	ents comp	ared with	
				ASU		Southwest Pi	ıblic	Carpagia Cl	200	NSSE 2012 2015	1 &	ASU	Southwe	ct Dublic	Carnegi	o Class	NSSE 201	4 9. 201E
Item wording	Variable			ASU		30utilwest Pi	JUIC	Carriegie Ci	ass	2013		730	Southwe	Effect	Carriegi	Effect	N33E 201	Effect
or description	name <sup>1</sup>	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
e. Forming a new idea or	HOform	1	Very little	1	2	61	5	82	4	1,240	5							
understanding from		2	Some	14	28	317	27	549	26	6,859	26							
various pieces of information		3	Quite a bit	13	26	530	45	928	45	11,253	43	3.1	2.9 *	.32	2.9	.26	2.9	.25
		4	Very much	22	44	270	23	521	25	6,920	26		<b>A</b>					
			Total	50	100	1,178	100	2,080	100	26,272	100							
5. During the current scl	hool year, to w	hat exte	nt have your instructo	ors done the f	ollow	ing?												
a. Clearly explained	ETgoals	1	Very little	1	2	21	2	50	2	458	2							
course goals and		2	Some	6	12	225	19	364	17	4,611	17							
requirements		3	Quite a bit	25	49	529	44	916	44	11,628	44	3.2	3.1	.11	3.1	.09	3.2	.07
		4	Very much	19	37	421	35	772	37	9,895	37							
			Total	51	100	1,196	100	2,102	100	26,592	100							
b. Taught course sessions	ETorganize	1	Very little	0	0	33	3	53	3	613	2							
in an organized way		2	Some	13	25	248	21	407	19	4,952	19							
		3	Quite a bit	20	39	520	44	953	45	11,932	45	3.1	3.1	.04	3.1	.02	3.1	01
		4	Very much	18	35	392	33	688	33	9,037	34							
			Total	51	100	1,193	100	2,101	100	26,534	100							
c. Used examples or	ETexample	1	Very little	4	8	49	4	58	3	766	3							
illustrations to explain		2	Some	8	16	266	22	422	20	5,460	21							
difficult points		3	Quite a bit	21	41	482	41	887	42	10,935	41	3.0	3.0	.02	3.1	06	3.1	06
		4	Very much	18	35	389	33	726	35	9,311	35							
			Total	51	100	1,186	100	2,093	100	26,472	100							
d. Provided feedback on a	ETdraftfb	1	Very little	5	10	93	8	133	6	1,863	7							
draft or work in		2	Some	10	20	355	30	523	25	6,955	26							
progress		3	Quite a bit	18	35	404	34	775	37	9,633	36	3.0	2.8	.14	2.9	.02	2.9	.07
		4	Very much	18	35	340	29	660	32	8,004	30							
			Total	51	100	1,192	100	2,091	100	26,455	100							
e. Provided prompt and	ETfeedback	1	Very little	4	8	119	10	137	7	2,049	8							
detailed feedback on		2	Some	13	26	380	32	558	27	7,582	29							
tests or completed assignments		3	Quite a bit	21	42	397	33	841	40	9,828	37	2.8	2.7	.10	2.9	05	2.8	.00
assignments		4	Very much	12	24	290	24	546	26	6,917	26							
			Total	50	100	1,186	100	2,082	100	26,376	100							



**Frequencies and Statistical Comparisons: Business** 

First-Year Stu	udents <sup>a</sup> in					Frequen	cy D	istribution	S				Sta	atistical	Comparis	ons <sup>k</sup>		
Business										NSSE 2014	4 &			Your fir	st-year stude	ents comp	ared with	
				ASU		Southwest Pu	ıblic	Carnegie Cl	ass	2015		ASU	Southwe	st Public	Carnegie	Class	NSSE 2014	4 & 2015
Item wording or description	Variable name <sup>l</sup>	Values <sup>n</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>
6. During the current	school year, abou	t how o	often have you done th	e following?														
a. Reached conclusions	QRconclude	1	Never	1	2	115	10	194	9	2,499	9							
based on your own		2	Sometimes	15	29	420	35	700	33	8,906	33							
analysis of numerical information (numbers,		3	Often	25	49	435	36	829	39	10,072	38	2.9	2.6	.24	2.7	.23	2.7	.22
graphs, statistics, etc.)		4	Very often	10	20	228	19	382	18	5,123	19							
grapio, satisfies, etc.)			Total	51	100	1,198	100	2,105	100	26,600	100							
b. Used numerical	QRproblem	1	Never	6	12	205	17	304	15	4,036	15							
information to examine		2	Sometimes	18	35	439	37	813	39	10,091	38							
a real-world problem o	or	3	Often	16	31	381	32	701	33	8,400	32	2.6	2.4	.21	2.5	.19	2.5	.17
issue (unemployment, climate change, public		4	Very often	11	22	172	14	278	13	4,019	15							
health, etc.)			Total	51	100	1,197	100	2,096	100	26,546	100							
, ,						,		ŕ		ŕ								
c. Evaluated what others	QRevaluate	1	Never	4	8	226	19	375	18	4,460	17							
have concluded from		2	Sometimes	21	41	456	38	854	41	10,661	40							
numerical information		3	Often	20	39	363	30	602	29	7,869	30	2.5	2.4	.20	2.4	.21	2.4	.17
		4	Very often	6	12	148	12	260	12	3,457	13							
			Total	51	100	1,193	100	2,091	100	26,447	100							
7. During the current	school year, abou	t how r	nany papers, reports.	or other writi	ing tas	ks of the foll	owin	g length hav	e vou l	been assign	ned? (I	nclude those not	vet comple	ted.)				
a. Up to 5 pages	wrshortnum	0	None	3	6	69	6	100	5	983	4		,	,				
1 10	(Recoded version	1.5	1-2	15	29	245	21	359	17	4,617	18							
	of wrshort created		3-5	20	39	402	35	648	31	8,188	31							
	by NSSE. Values	8	6-10	7	14	279	24	479	23	6,764	26	5.1	5.9	16	7.2 **	35	7.1 *	34
	are estimated	13	11-15	2	4	100	9	252	12	2,874	11				<b>V</b>		▼	
	number of papers,	18	16-20	3	6	36	3	110	5	1,258	5				*		•	
	reports, etc.)	23	More than 20	1	2	33	3	111	5	1,365	5							
			Total	51	100	1,164	100	2,059	100	26,049	100							
b. Between 6 and 10	wrmednum	0	None	29	58	454	41	619	31	7,748	31							
pages	(Recoded version	1.5	1-2	10	20	408	37	843	42	10,873	43							
	of wrmed created	4	3-5	7	14	164	15	365	18	4,660	18							
	by NSSE. Values	8	6-10	3	6	66	6	128	6	1,501	6	1.8	1.9	03	2.2	14	2.2	13
	are estimated	13	11-15	0	0	15	1	31	2	319	1							
	number of papers,	18	16-20	0	0	3	0	6	0	88	0							
	reports, etc.)	23	More than 20	1	2	2	0	6	0	98	0							
			Total	50	100	1,112	100	1,998	100	25,287	100							



**Frequencies and Statistical Comparisons: Business** 

	udents <sup>a</sup> in					Frequen	cy Di	stribution	S				Sta	atistical (	Comparis	ons <sup>k</sup>		
Business														Your fir	st-year stude	nts compo	ired with	
				ACII		C	مالما.	C		NSSE 2014	&	ASU	Carreterra	at Dublia	Ci-	Class	NCCE 2017	4 0 2015
Item wording	Variable			ASU		Southwest Pu	JDIIC	Carnegie Ci	ass	2015		ASU	Southwe	Effect	Carnegie	Effect	NSSE 2014	4 & 2015 Effect
or description	name <sup>1</sup>	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size"
c. 11 pages or more	wrlongnum	0	None	42	89	848	79	1,424	73	18,272	74							
	(Recoded version	1.5	1-2	2	4	142	13	408	21	4,668	19							
	of wrlong created	4	3-5	1	2	33	3	66	3	753	3							
	by NSSE. Values are estimated	8	6-10	0	0	36	3	29	1	431	2	.9	.8	.03	.8	.02	.9	.02
	number of papers,	13	11-15	1	2	11	1	12	1	225	1							
	reports, etc.)	18	16-20	0	0	3	0	3	0	70	0							
		23	More than 20	1	2	3	0	15	1	141	1							
			Total	47	100	1,076	100	1,957	100	24,560	100							
Estimated number of assigned pages of student writing.	from wrshort, wrme	ed, and	-									42.2	43.2	02	49.3	12	49.2	12
	estimated pages of	assigned	writing.)															
. During the current	school year, abou	t how o	ften have you had disc	cussions with	peopl	e from the fo	llowi	ng groups?										
a. People of a race or	DDrace	1	Never	1	2	65	5	123	6	1,314	5							
ethnicity other than		2	Sometimes	8	16	254	21	532	25	6,127	23							
your own										0,127								
		3	Often	17	33	379	32	608	29	7,912	30	3.3	3.1	.22	3.0 *	.28	3.1	.22
		3	Often Very often	17 25	33 49	379 500	32 42		29 40			3.3	3.1	.22	3.0 *	.28	3.1	.22
								608		7,912	30	3.3	3.1	.22		.28	3.1	.22
	DDeconomic		Very often	25	49	500	42	608 841	40	7,912 11,246	30 42	3.3	3.1	.22		.28	3.1	.22
economic background	DDeconomic	4	Very often Total	25 51	49 100	500 1,198	42 100	608 841 2,104	40 100	7,912 11,246 26,599	30 42 100	3.3	3.1	.22		.28	3.1	.22
b. People from an economic background other than your own	DDeconomic	1	Very often Total Never	25 51 0	49 100 0	500 1,198 69	42 100 6	608 841 2,104	40 100 5	7,912 11,246 26,599 1,221	30 42 100 5	3.3	3.1	.22		.28	3.1	.22
economic background	DDeconomic	1 2	Very often Total Never Sometimes	25 51 0 11	49 100 0 22	500 1,198 69 267	42 100 6 22	608 841 2,104 104 477	40 100 5 23	7,912 11,246 26,599 1,221 5,808	30 42 100 5 22				Δ			
economic background	DDeconomic	1 2 3	Very often Total Never Sometimes Often	25 51 0 11 15	49 100 0 22 29	500 1,198 69 267 403	42 100 6 22 34	608 841 2,104 104 477 728	40 100 5 23 35	7,912 11,246 26,599 1,221 5,808 8,999	30 42 100 5 22 34				Δ			
economic background other than your own c. People with religious	DDreligion	1 2 3	Very often Total Never Sometimes Often Very often	25 51 0 11 15 25	49 100 0 22 29 49	500 1,198 69 267 403 460	42 100 6 22 34 38	608 841 2,104 104 477 728 786	40 100 5 23 35 38	7,912 11,246 26,599 1,221 5,808 8,999 10,524	30 42 100 5 22 34 40				Δ			
c. People with religious beliefs other than your	DDreligion	1 2 3 4	Very often Total Never Sometimes Often Very often Total	25 51 0 11 15 25 51	49 100 0 22 29 49 100	500 1,198 69 267 403 460 1,199	42 100 6 22 34 38 100	608 841 2,104 104 477 728 786 2,095	40 100 5 23 35 38 100	7,912 11,246 26,599 1,221 5,808 8,999 10,524 26,552	30 42 100 5 22 34 40 100				Δ			
economic background other than your own c. People with religious	DDreligion	1 2 3 4	Very often Total Never Sometimes Often Very often Total Never	25 51 0 11 15 25 51	49 100 0 22 29 49 100	500 1,198 69 267 403 460 1,199	42 100 6 22 34 38 100	608 841 2,104 104 477 728 786 2,095	40 100 5 23 35 38 100	7,912 11,246 26,599 1,221 5,808 8,999 10,524 26,552 1,860	30 42 100 5 22 34 40 100 7				Δ			
c. People with religious beliefs other than your	DDreligion	1 2 3 4	Very often Total Never Sometimes Often Very often Total Never Sometimes	25 51 0 11 15 25 51 3 12	49 100 0 22 29 49 100 6 24	500 1,198 69 267 403 460 1,199 92 314	42 100 6 22 34 38 100 8 26	608 841 2,104 104 477 728 786 2,095 145 592	40 100 5 23 35 38 100 7 28	7,912 11,246 26,599 1,221 5,808 8,999 10,524 26,552 1,860 6,949	30 42 100 5 22 34 40 100 7 26	3.3	3.0	.25	3.0	.25	3.1	.21
c. People with religious beliefs other than your	DDreligion	1 2 3 4	Very often Total  Never Sometimes Often Very often Total  Never Sometimes Often	25 51 0 11 15 25 51 3 12	49 100 0 22 29 49 100 6 24 33	500 1,198 69 267 403 460 1,199 92 314 354	42 100 6 22 34 38 100 8 26 30	608 841 2,104 104 477 728 786 2,095 145 592 619	40 100 5 23 35 38 100 7 28 30	7,912 11,246 26,599 1,221 5,808 8,999 10,524 26,552 1,860 6,949 7,876	30 42 100 5 22 34 40 100 7 26 30	3.3	3.0	.25	3.0	.25	3.1	.21
c. People with religious beliefs other than your own  d. People with political	DDreligion	1 2 3 4	Very often Total  Never Sometimes Often Very often Total  Never Sometimes Often Very often Very often	25 51 0 11 15 25 51 3 12 17	49 100 0 22 29 49 100 6 24 33 37	500 1,198 69 267 403 460 1,199 92 314 354 432	42 100 6 22 34 38 100 8 26 30 36	608 841 2,104 104 477 728 786 2,095 145 592 619 731	40 100 5 23 35 38 100 7 28 30 35	7,912 11,246 26,599 1,221 5,808 8,999 10,524 26,552 1,860 6,949 7,876 9,820	30 42 100 5 22 34 40 100 7 26 30 37	3.3	3.0	.25	3.0	.25	3.1	.21
c. People with religious beliefs other than your own  d. People with political views other than your	DDreligion	1 2 3 4	Very often Total  Never Sometimes Often Very often Total  Never Sometimes Often Very often Total  Never Total  Never Total  Never Total  Never Total	25 51 0 11 15 25 51 3 12 17 19 51	49 100 0 22 29 49 100 6 24 33 37 100	500 1,198 69 267 403 460 1,199 92 314 354 432 1,192	42 100 6 22 34 38 100 8 26 30 36 100	608 841 2,104 104 477 728 786 2,095 145 592 619 731 2,087	40 100 5 23 35 38 100 7 28 30 35 100	7,912 11,246 26,599 1,221 5,808 8,999 10,524 26,552 1,860 6,949 7,876 9,820 26,505	30 42 100 5 22 34 40 100 7 26 30 37 100	3.3	3.0	.25	3.0	.25	3.1	.21
c. People with religious beliefs other than your own  d. People with political	DDreligion	1 2 3 4	Very often Total  Never Sometimes Often Very often Total  Never Sometimes Often Very often Total  Never Never Never Never Never	25 51 0 11 15 25 51 3 12 17 19 51	49 100 0 22 29 49 100 6 24 33 37 100	500 1,198 69 267 403 460 1,199 92 314 354 432 1,192 92	42 100 6 22 34 38 100 8 26 30 36 100 8	608 841 2,104 104 477 728 786 2,095 145 592 619 731 2,087	40 100 5 23 35 38 100 7 28 30 35 100 8	7,912 11,246 26,599 1,221 5,808 8,999 10,524 26,552 1,860 6,949 7,876 9,820 26,505 1,878	30 42 100 5 22 34 40 100 7 26 30 37 100	3.3	3.0	.25	3.0	.25	3.1	.21
c. People with religious beliefs other than your own  d. People with political views other than your	DDreligion	1 2 3 4 1 2 3 4 1 2 2	Very often Total Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes Often Very often Total Never Sometimes	25 51 0 11 15 25 51 3 12 17 19 51	49 100 0 22 29 49 100 6 24 33 37 100 10 20	500 1,198 69 267 403 460 1,199 92 314 354 432 1,192 92 301	42 100 6 22 34 38 100 8 26 30 36 100 8 25	608 841 2,104 104 477 728 786 2,095 145 592 619 731 2,087	40 100 5 23 35 38 100 7 28 30 35 100 8 27	7,912 11,246 26,599 1,221 5,808 8,999 10,524 26,552 1,860 6,949 7,876 9,820 26,505 1,878 6,742	30 42 100 5 22 34 40 100 7 26 30 37 100 7 26	3.3	2.9	.08	3.0	.10	3.1	.05



Frequencies and Statistical Comparisons: Business

	. 2							0				,						
First-Year Stud	dents <sup>°</sup> in					Frequer	ncy D	istribution	S				St	atistical (	Comparis	sons <sup>k</sup>		
Business														Your fir	st-year stud	ents comp	ared with	
Dusiness										NSSE 2014	4 &							
				ASU	S	outhwest P	ublic	Carnegie C	ass	2015		ASU	Southwe		Carnegi		NSSE 201	
Item wording or description	Variable name <sup>I</sup>	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
9. During the current so					/0	Count	/0	Count	/0	Count		ivieuri	Wedii	3126	ivieuri	3126	ivieuri	3126
a. Identified key	LSreading	ut now o		0	0	17	1	31	1	360	1							
information from	Doreumg	2	Sometimes	13	27	242	20	382	18	4,626	17							
reading assignments		3	Often	16	33	522	44	945	45	11,667	44	3.1	3.1	.04	3.1	.00	3.2	04
		4	Very often	20	41	412	35	743	35	9,891	37	0.1	5.1	.01	5.1	.00	3.2	.01
			Total	49	100	1,193	100	2,101	100	26,544	100							
b. Reviewed your notes	LSnotes	1	Never	1	2	58	5	92	4	1,254	5							
after class		2	Sometimes	12	24	332	28	627	30	7,658	29							
		3	Often	15	31	418	35	715	34	9,051	34	3.1	2.9	.22	2.9	.24	2.9	.23
		4	Very often	21	43	385	32	660	32	8,532	32							
			Total	49	100	1,193	100	2,094	100	26,495	100							
c. Summarized what you	LSsummary	1	Never	3	6	80	7	116	6	1,566	6							
learned in class or from		2	Sometimes	12	25	380	32	617	30	7,793	30							
course materials		3	Often	14	29	408	35	786	38	9,483	36	3.0	2.8	.24	2.9	.19	2.9	.18
		4	Very often	19	40	309	26	554	27	7,346	28							
			Total	48	100	1,177	100	2,073	100	26,188	100							
10. During the current s	school year, to	what ext	tent have your courses	challenged y	ou to d	o your bes	t work	:?										
Ü	challenge	1	Not at all	0	0	8	1	10	0	110	0							
		2		0	0	19	2	28	1	279	1							
		3		2	4	35	3	56	3	850	3							
		4		5	10	137	11	258	12	2,831	11	5.7	5.4	.26	5.5	.23	5.5	.21
		5		13	25	415	35	679	32	8,954	34							
		6		16	31	361	30	664	32	8,197	31							
		7	Very much	15	29	218	18	400	19	5,311	20							
			Total	51	100	1,193	100	2,095	100	26,532	100							
11. Which of the followi	ng have you de	one or d	you plan to do befor	e you gradua	e?°						_							
a. Participate in an	intern		Have not decided	9	18	130	11	214	10	2,436	9							
internship, co-op, field	(Means indicate		Do not plan to do	5	10	57	5	145	7	1,570	6							
experience, student teaching, or clinical	the percentage		Plan to do	36	71	893	75	1,580	75	20,257	76	2%	10%	35	8%	29	9%	32
placement	who responded		Done or in progress	1	2	116	10	165	8	2,347	9							
•	"Done or in progress.")		Total	51	100	1,196	100	2,104	100	26,610	100							
	progress.)																	



Frequencies and Statistical Comparisons: Business

First-Year Stud	dents <sup>a</sup> in				Frequency	Distribution	าร				St	atistical	Comparis	ons <sup>k</sup>		
Business			ASU		Southwest Public	Carnagia	lacs	NSSE 2014 2015	4 &	ASU	Southwe		rst-year stude Carnegie		ared with  NSSE 2014	1 9. 2015
Item wording	Variable											Effect		Effect		Effect
or description  b. Hold a formal	name ' leader	Values m Response options Have not decided	Count 8	% 16	264 2		% 25	6,355	24	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
leadership role in a		Do not plan to do	14	28	208 1		22	5,227	20							
student organization or	(Means indicate the percentage	Plan to do	24	48	536 4:		40	11,319	43	8%	15%	23	13%	16	14%	18
group	who responded	Done or in progress	4	8	184 1:		13	3,618	14	0 / 0	1570	.23	1370	.10	1170	.10
	"Done or in progress.")	Total	50	100	1,192 100		100	26,519	100							
c. Participate in a learning	learncom	Have not decided	16	31	315 2	645	31	7,624	29							
community or some	(Means indicate	Do not plan to do	9	18	312 20	608	29	7,289	28							
other formal program where groups of	the percentage	Plan to do	22	43	387 33	567	27	7,576	29	8%	14%	21	13%	18	15%	23
students take two or	who responded	Done or in progress	4	8	168 14	279	13	4,003	15							
more classes together	"Done or in progress.")	Total	51	100	1,182 100	2,099	100	26,492	100							
d. Participate in a study	abroad	Have not decided	7	14	309 20	536	26	6,281	24							
abroad program	(Means indicate	Do not plan to do	19	38	299 2:	600	29	6,550	25							
	the percentage	Plan to do	22	44	520 4	842	40	12,408	47	4%	5%	06	5%	07	5%	03
	who responded	Done or in progress	2	4	63	113	5	1,241	5							
	"Done or in progress.")	Total	50	100	1,191 100	2,091	100	26,480	100							
e. Work with a faculty	research	Have not decided	14	27	413 3:	776	37	9,972	38							
member on a research	(Means indicate	Do not plan to do	13	25	358 30	611	29	7,718	29							
project	the percentage	Plan to do	17	33	344 29	601	29	7,305	28	14%	6% *	.28	5% **	.32	5% **	.30
	who responded	Done or in progress	7	14	67	97	5	1,375	5		Δ				Δ	
	"Done or in progress.")	Total	51	100	1,182 100	2,085	100	26,370	100							
f. Complete a culminating	capstone	Have not decided	20	39	411 3:	648	31	8,658	33							
senior experience	(Means indicate	Do not plan to do	5	10	139 13	252	12	3,151	12							
(capstone course, senior project or thesis,	the percentage	Plan to do	25	49	591 50	1,121	54	13,691	52	2%	4%	10	3%	08	3%	09
comprehensive exam,	who responded	Done or in progress	1	2	43	69	3	880	3							
portfolio, etc.)	"Done or in progress.")	Total	51	100	1,184 100	2,090	100	26,380	100							
2. About how many of	your courses at	t this institution have included	l a community	/-based	d project (servi	e-learning)?										
•	servcourse	1 None	23	50	512 4	846	41	12,044	46							
		2 Some	21	46	534 40	1,015	49	11,853	45							
		3 Most	1	2	113 10	175	8	1,901	7	1.6	1.7	17	1.7	21	1.6	11
		4 All	1	2	14	32	2	340	1							
		Total	46	100	1,173 100	2,068	100	26,138	100							



Frequencies and Statistical Comparisons: Business

First-Year Stu	ıdents <sup>a</sup> in					Freque	าcy D	istribution	ıs				St	tatistical	Compari	sons <sup>k</sup>		
Business										NSSE 2014	4 &			Your fi	rst-year stud	lents comp	ared with	
				ASU		Southwest P	ublic	Carnegie C	lass	2015		ASU	Southw	est Public	Carnegi	ie Class	NSSE 201	4 & 2015
Item wording or description	Variable name <sup>l</sup>	Values <sup>m</sup> F	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size <sup>n</sup>	Mean	Effect size "
13. Indicate the quality	y of your intera	ctions with	the following peopl	e at your inst	itutio	1.												
a. Students	QIstudent	1 I	Poor	0	0	26	2	38	2	424	2							
		2		2	4	36	3	45	2	524	2							
		3		2	4	54	5	88	4	1,154	4							
		4		3	6	154	13	217	10	2,628	10							
		5		9	18	265	22	457	22	5,897	22	5.8	5.4	.25	5.6	.15	5.6	.14
		6		17	33	333	28	603	29	7,713	29							
		7 I	Excellent	18	35	321	27	647	31	8,086	30							
		— 1	Not applicable	0	0	7	1	9	0	187	1							
		1	Γotal	51	100	1,196	100	2,104	100	26,613	100							
b. Academic advisors	QIadvisor	1 I	Poor	1	2	45	4	72	3	1,051	4							
		2		2	4	74	6	88	4	1,372	5							
		3		3	6	100	8	178	8	2,145	8							
		4		7	14	154	13	301	14	3,602	14							
		5		9	18	237	20	391	19	5,168	19	5.4	5.1	.18	5.2	.14	5.1	.17
		6		12	24	235	20	449	21	5,647	21							
		7 I	Excellent	16	31	328	28	580	28	7,033	26							
		_ 1	Not applicable	1	2	18	2	43	2	539	2							
		1	Γotal	51	100	1,191	100	2,102	100	26,557	100							
c. Faculty	QIfaculty	1 I	Poor	1	2	38	3	44	2	559	2							
		2		2	4	53	4	61	3	866	3							
		3		5	10	97	8	121	6	1,806	7							
		4		8	16	197	17	297	14	3,676	14							
		5		11	22	281	24	497	24	6,556	25	5.1	5.0	.05	5.3	14	5.2	09
		6		15	29	282	24	595	28	7,184	27							
		7 I	Excellent	9	18	220	19	459	22	5,496	21							
		— 1	Not applicable	0	0	12	1	19	1	280	1							
		7	Γotal	51	100	1,180	100	2,093	100	26,423	100							



Frequencies and Statistical Comparisons: Business

First-Year Stud	dents <sup>a</sup> in					Frequenc	cy Di	istribution	S				St	atistical	Comparis	sons <sup>k</sup>		
Business														Your fir	st-year stud	ents comp	ared with	
										NSSE 2014	1 &	ACII						
	Variable			ASU		Southwest Pu	blic	Carnegie Cl	ass	2015		ASU	Southwe	est Public Effect	Carnegi	E Class Effect	NSSE 201	4 & 2015 Effect
Item wording or description	name <sup>l</sup>	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
d. Student services staff	QIstaff	1	Poor	2	4	65	5	97	5	1,203	5							
(career services,		2		2	4	71	6	100	5	1,322	5							
student activities, housing, etc.)		3		5	10	90	8	135	6	1,928	7							
nousing, etc.)		4		3	6	177	15	271	13	3,652	14							
		5		10	20	229	19	402	19	5,293	20	5.2	4.9	.17	5.1	.08	5.0	.13
		6		12	24	246	21	480	23	5,768	22							
		7	Excellent	12	24	234	20	440	21	4,974	19							
		_	Not applicable	4	8	76	6	164	8	2,330	9							
			Total	50	100	1,188	100	2,089	100	26,470	100							
e. Other administrative	QIadmin	1	Poor	3	6	75	6	93	4	1,332	5							
staff and offices		2		2	4	87	7	124	6	1,562	6							
(registrar, financial aid, etc.)		3		3	6	87	7	157	8	2,199	8							
cic.)		4		4	8	180	15	296	14	3,925	15							
		5		8	16	244	21	406	19	5,342	20	5.3	4.8	.26	5.0	.17	4.9	.23
		6		15	30	230	19	496	24	5,512	21							
		7	Excellent	13	26	233	20	419	20	4,952	19							
		_	Not applicable	2	4	53	4	99	5	1,657	6							
			Total	50	100	1,189	100	2,090	100	26,481	100							
14. How much does your	r institution em	phasize	the following?															
a. Spending significant	empstudy	1	Very little	0	0	24	2	37	2	419	2							
amounts of time		2	Some	8	16	211	18	335	16	4,078	15							
studying and on		3	Quite a bit	22	43	555	47	982	47	12,224	46	3.3	3.1	.18	3.2	.13	3.2	.10
academic work		4	Very much	21	41	399	34	737	35	9,691	37							
			Total	51	100	1,189	100	2,091	100	26,412	100							
b. Providing support to	SEacademic	1	Very little	2	4	44	4	69	3	897	3							
help students succeed		2	Some	10	20	246	21	391	19	5,063	19							
academically		3	Quite a bit	15	30	469	40	893	43	10,568	40	3.2	3.1	.13	3.1	.10	3.1	.08
		4	Very much	23	46	420	36	732	35	9,735	37							
			Total	50	100	1,179	100	2,085	100	26,263	100							
c. Using learning support	SElearnsup	1	Very little	0	0	61	5	113	5	1,415	5							
services (tutoring		2	Some	10	20	206	17	388	19	4,693	18							
services, writing		3	Quite a bit	14	27	417	35	760	37	9,404	36	3.3	3.1	.22	3.1	.27	3.1	.24
center, etc.)		4	Very much	27	53	497	42	818	39	10,751	41							
			Total	51	100	1,181	100	2,079	100	26,263	100							



**Frequencies and Statistical Comparisons: Business** 

First-Year Stud	lents <sup>a</sup> in					Frequency	Distribution	าร				Sta	atistical (	Comparis	ons <sup>k</sup>		
Business									NGGE 2011				Your fir	st-year stude	ents compo	ared with	
				ASU		Southwest Public	Carpogio C	lacc	NSSE 2014 2015	1 &	ASU	Southwe	ct Dublic	Carnegie	Class	NSSE 2014	4 S. 2015
Item wording	Variable			730		Journwest Fubile	Carriegie	1033	2013		7.50	Journwe	Effect	Carriegie	Effect	N33L 201-	Effect
or description	name <sup>I</sup>	Values '		Count	%	Count %		%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
d. Encouraging contact	SEdiverse	1	Very little	3	6	122 10	) 244	12	2,821	11							
among students from different backgrounds		2	Some	16	31	356 30	629	30	7,493	28							
(social, racial/ethnic,		3	Quite a bit	14	27	396 33	701	34	8,817	33	2.9	2.8	.17	2.7	.22	2.8	.15
religious, etc.)		4	Very much	18	35	315 26	513	25	7,198	27							
			Total	51	100	1,189 100	2,087	100	26,329	100							
e. Providing opportunities	SEsocial	1	Very little	3	6	66 (	120	6	1,473	6							
to be involved socially		2	Some	9	18	272 23	3 490	24	5,761	22							
		3	Quite a bit	19	37	447 38	3 794	38	9,842	37	3.1	3.0	.11	3.0	.14	3.0	.09
		4	Very much	20	39	403 34	680	33	9,228	35							
			Total	51	100	1,188 100	2,084	100	26,304	100							
f. Providing support for	SEwellness	1	Very little	2	4	83	145	7	1,767	7							
your overall well-being		2	Some	14	27	253 21	479	23	5,884	22							
(recreation, health care, counseling, etc.)		3	Quite a bit	18	35	424 36	816	39	9,866	38	3.0	3.0	03	2.9	.05	3.0	.00
counseling, etc.)		4	Very much	17	33	424 36	643	31	8,787	33							
			Total	51	100	1,184 100	2,083	100	26,304	100							
g. Helping you manage	SEnonacad	1	Very little	8	16	218 18	384	18	4,870	19							
your non-academic		2	Some	17	33	387 33	718	34	8,674	33							
responsibilities (work,		3	Quite a bit	14	27	358 30	640	31	7,892	30	2.6	2.5	.10	2.5	.14	2.5	.11
family, etc.)		4	Very much	12	24	221 19	344	16	4,835	18							
			Total	51	100	1,184 100	2,086	100	26,271	100							
h. Attending campus	SEactivities	1	Very little	2	4	84	7 149	7	2,294	9							
activities and events		2	Some	12	24	288 24	505	24	6,135	23							
(performing arts,		3	Quite a bit	17	34	436 37	820	39	9,704	37	3.1	2.9	.14	2.9	.17	2.9	.17
athletic events, etc.)		4	Very much	19	38	375 32	2 606	29	8,124	31							
			Total	50	100	1,183 100	2,080	100	26,257	100							
i. Attending events that	SEevents	1	Very little	7	14	161 14	1 284	14	3,623	14							
address important		2	Some	15	29	386 33	675	33	8,218	31							
social, economic, or		3	Quite a bit	14	27	370 31	660	32	8,593	33	2.7	2.6	.10	2.6	.11	2.6	.10
political issues		4	Very much	15	29	265 22		22	5,727	22							
			Total	51	100	1,182 100		100	26,161	100							
						-, 100	=,570		,								



Frequencies and Statistical Comparisons: Business

First-Year Stu	dents <sup>a</sup> in					Frequer	ncy D	istribution	S				St	atistical	Comparis	sons <sup>k</sup>		
Business														Your fi	rst-year stud	ents comp	ared with	
				ASU		Cauthurast D	مناطب	Carnegie C	200	NSSE 2014 2015	1 &	ASU	Courthing	est Public	Carnagi	o Class	NSSE 2014	4 9 2015
Item wording	Variable			ASU		Southwest P	ublic	Carnegie C	dSS	2015		A30	Southwe	Effect	Carnegi	Effect	N33E 2014	Effect
or description	name <sup>1</sup>	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
15. About how many he	ours do you spend	l in a t	ypical 7-day week doi	ng the followi	ng?													
a. Preparing for class	tmprephrs	0	0 hrs	0	0	7	1	20	1	164	1							
(studying, reading,	(Recoded version	3	1-5 hrs	13	26	250	21	347	17	4,142	16							
writing, doing	of tmnren created	8	6-10 hrs	14	28	325	27	571	27	6,889	26							
homework or lab work, analyzing data,	by NSSE. Values	13	11-15 hrs	6	12	254	21	470	22	6,009	23							
rehearsing, and other	are estimated	18	16-20 hrs	6	12	173	14	348	17	4,555	17	12.9	12.3	.08	12.8	.01	13.3	05
academic activities)	number of hours	23	21-25 hrs	3	6	102	9	183	9	2,523	10							
	per week.)	28	26-30 hrs	5	10	44	4	96	5	1,249	5							
		33	More than 30 hrs	3	6	40	3	60	3	972	4							
			Total	50	100	1,195	100	2,095	100	26,503	100							
b. Participating in co-	tmcocurrhrs	0	0 hrs	14	28	369	31	621	30	7,660	29							
curricular activities	(Recoded version	3	1-5 hrs	17	34	373	31	659	32	8,581	33							
(organizations, campus	of tmcocurr	8	6-10 hrs	8	16	222	19	358	17	4,550	17							
publications, student government, fraternity	created by NSSE.	13	11-15 hrs	3	6	108	9	197	9	2,595	10							
or sorority,	Values are	18	16-20 hrs	3	6	54	5	126	6	1,552	6	7.2	5.8	.19	6.3	.12	6.2	.14
intercollegiate or	estimated number	23	21-25 hrs	1	2	38	3	65	3	750	3							
intramural sports, etc.)	of hours per week.)	28	26-30 hrs	1	2	14	1	29	1	326	1							
	week.)	33	More than 30 hrs	3	6	11	1	34	2	370	1							
			Total	50	100	1,189	100	2,089	100	26,384	100							
c. Working for pay	tmworkonhrs	0	0 hrs	43	84	929	78	1,596	76	20,321	77							
on campus	(Recoded version	3	1-5 hrs	0	0	44	4	98	5	1,268	5							
	of tmworkon	8	6-10 hrs	2	4	57	5	189	9	2,052	8							
	created by NSSE.	13	11-15 hrs	2	4	55	5	109	5	1,371	5							
	Values are	18	16-20 hrs	2	4	74	6	60	3	872	3	2.6	3.0	05	2.6	.01	2.6	.01
	estimated number	23	21-25 hrs	1	2	21	2	19	1	248	1							
	of hours per	28	26-30 hrs	0	0	4	0	6	0	99	0							
	week.)	33	More than 30 hrs	1	2	9	1	13	1	186	1							
			Total	51	100	1,193	100	2,090	100	26,417	100							



Frequencies and Statistical Comparisons: Business

First-Year Stu	dents <sup>a</sup> in					Frequen	cy D	istribution	S				Sta	atistical	Comparis	ons <sup>k</sup>		
Business														Your fir	st-year stude	nts compo	ared with	
				ASU		Southwort D	ıblic	Carnegie Cl	200	NSSE 2014 2015	ł &	ASU	Southwe	ct Dublic	Carnegie	Class	NSSE 2014	9. 2011
Item wording	Variable			A30		outilwest Ft	JUIC	Carriegie Ci	ass	2013		7.55	Journwe	Effect	Carriegie	Effect	N33L 2014	Effect
or description	name <sup>1</sup>	Values <sup>n</sup>	<sup>n</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size n	Mean	size "
d. Working for pay	tmworkoffhrs	0	0 hrs	20	40	736	62	1,345	64	17,560	67							
off campus	(Recoded version	3	1-5 hrs	5	10	74	6	128	6	1,325	5							
	of tmworkoff	8	6-10 hrs	3	6	63	5	120	6	1,456	6							
	created by NSSE.	13	11-15 hrs	3	6	59	5	104	5	1,327	5							
	Values are	18	16-20 hrs	5	10	86	7	98	5	1,331	5	10.6	6.7 *	.37	6.2 **	.42	5.9 **	.46
	estimated number	23	21-25 hrs	8	16	63	5	93	4	928	4						<b>A</b>	
	of hours per week.)	28	26-30 hrs	4	8	42	4	52	2	616	2							
	week.)	33	More than 30 hrs	2	4	70	6	149	7	1,793	7							
			Total	50	100	1,193	100	2,089	100	26,336	100							
Estimated number of	tmworkhrs																	
hours working for pay	(Continuous																	
	variable created											13.1	9.6 *	.29	8.7 **	.38	8.4 **	.40
	by NSSE)												Δ					
e. Doing community	tmservicehrs	0	0 hrs	26	53	619	53	1,184	57	14,481	55							
service or volunteer	(Recoded version	3	1-5 hrs	17	35	390	33	636	31	8,540	33							
work	of tmservice	8	6-10 hrs	4	8	82	7	135	7	1,601	6							
	created by NSSE.	13	11-15 hrs	2	4	38	3	51	2	717	3							
	Values are	18	16-20 hrs	0	0	22	2	28	1	437	2	2.2	2.8	11	2.4	03	2.5	06
	estimated number	23	21-25 hrs	0	0	13	1	17	1	170	1							
	of hours per week.)	28	26-30 hrs	0	0	3	0	7	0	72	0							
	week.)	33	More than 30 hrs	0	0	4	0	4	0	114	0							
			Total	49	100	1,171	100	2,062	100	26,132	100							
f. Relaxing and	tmrelaxhrs	0	0 hrs	1	2	23	2	38	2	473	2							
socializing (time with	(Recoded version	3	1-5 hrs	18	35	281	24	419	20	5,271	20							
friends, video games,	of tmrelax created	8	6-10 hrs	14	27	327	28	538	26	7,089	27							
TV or videos, keeping	by NSSE. Values	13	11-15 hrs	6	12	250	21	433	21	5,449	21							
up with friends online,	are estimated	18	16-20 hrs	9	18	143	12	298	14	3,628	14	9.9	11.6	21	12.7 *	33	12.5 *	31
etc.)	number of hours	23	21-25 hrs	0	0	74	6	166	8	1,919	7				▼		▼	
	per week.)	28	26-30 hrs	0	0	30	3	69	3	933	4				•		*	
		33	More than 30 hrs	3	6	58	5	125	6	1,541	6							
			Total	51	100	1,186	100	2,086	100	26,303	100							



Frequencies and Statistical Comparisons: Business

First-Year Stu	dents <sup>®</sup> in					Frequer	ncy D	istribution	S				St	atistical (	Comparis	sons <sup>k</sup>		
Business														Your fir	st-year stud	ents comp	ared with	
243111633										NSSE 2014	1 &							
				ASU		Southwest P	ublic	Carnegie Cl	ass	2015		ASU	Southwe		Carnegi		NSSE 201	
Item wording or description	Variable name <sup>l</sup>	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
g. Providing care for	tmcarehrs	0	0 hrs	34	67	820	69	1,502	72	18,975	72	Weari	Wedit	3126	Weum	3126	Wedn	3126
dependents (children,	(Recoded version	3	1-5 hrs	6	12	160	13	250	12	2,956	11							
parents, etc.)	of tmcare created	8	6-10 hrs	5	10	78	7	110	5	1,426	5							
	by NSSE. Values	13	11-15 hrs	3	6	36	3	61	3	822	3							
	are estimated	18	16-20 hrs	1	2	28	2	44	2	557	2	3.5	3.4	.01	3.3	.04	3.4	.02
	number of hours	23	21-25 hrs	0	0	20	2	18	1	283	1							
	per week.)	28	26-30 hrs	0	0	4	0	14	1	192	1							
		33	More than 30 hrs	2	4	44	4	85	4	1,072	4							
			Total	51	100	1,190	100	2,084	100	26,283	100							
h. Commuting to campus	tmcommutehrs	0	0 hrs	12	24	289	24	929	44	11,012	42							
(driving, walking, etc.)	(Recoded version	3	1-5 hrs	28	57	576	48	777	37	9,999	38							
	of tmcommute	8	6-10 hrs	7	14	191	16	215	10	3,018	11							
	created by NSSE.	13	11-15 hrs	0	0	60	5	77	4	1,163	4							
	Values are	18	16-20 hrs	1	2	32	3	39	2	577	2	3.9	4.9	16	3.4	.09	3.7	.04
	estimated number of hours per	23	21-25 hrs	0	0	18	2	28	1	262	1							
	week.)	28	26-30 hrs	0	0	3	0	6	0	94	0							
		33	More than 30 hrs	1	2	21	2	17	1	243	1							
			Total	49	100	1,190	100	2,088	100	26,368	100							
16. Of the time you spe	end preparing for	class i	n a typical 7-day week	about how i	nuch	is on assigne	ed read	ding?										
v 1	reading	1	Very little	5	10	145	12	178	9	2,270	9							
	(Revised for 2014.	2	Some	18	36	380	32	604	29	7,731	30							
	Comparison data	3	About half	13	26	370	31	703	34	8,457	32	2.8	2.7	.05	2.9	10	2.9	11
	are limited to	4	Most	11	22	218	19	450	22	5,816	22	2.0	2.7	.05	2.7	.10	2.7	.11
	NSSE 2014	5	Almost all	3	6	64	5	138	7	1,896	7							
	participating	,	Total	50	100	1,177	100	2,073	100	26,170	100							
	institutions.)		Total	30	100	1,1//	100	2,073	100	20,170	100							
	tmreadinghrs										<del></del>							
(Continuous varie	able created by NSSE	Calcul	lated as a proportion									6.5						
	ted on reading, where											6.5	5.9	.11	6.4	.02	6.7	04
	t half=.50; Most=.75																	



Frequencies and Statistical Comparisons: Business

First-Year St	udents <sup>®</sup> in					Frequen	cy Di	istribution	S				St	atistical (	Comparis	ons <sup>k</sup>		
Business														Your fir	st-year stude	ents compo	ared with	
				ASU		Southwest Pu	hlic	Carnagia Cl	200	NSSE 2014 2015	1 &	ASU	Couthwe	est Public	Carnogic	Class	NISSE 201	4 9. 201E
Item wording	Variable			ASU		Southwest Pu	DIIC	Carriegie Ci	d55	2015		A30	Southwe	Effect	Carnegie	Effect	NSSE 2014	4 & 2015 Effect
or description	name <sup>1</sup>	Values'	" Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
	tmreadinghrscol	1	0 hrs	0	0	4	0	19	1	141	1							
	(Collapsed version of tmreadinghrs	2	More than zero, up to 5 hrs	28	57	671	57	1,050	51	12,941	50							
	created by NSSE.)	3	More than 5, up to 10 hrs	12	24	313	27	608	29	7,657	29							
		4	More than 10, up to 15 hrs	3	6	100	9	209	10	2,774	11							
		5	More than 15, up to 20 hrs	2	4	36	3	100	5	1,348	5							
		6	More than 20, up to 25 hrs	2	4	35	3	56	3	846	3							
		7	More than 25 hrs	2	4	14	1	20	1	340	1							
			Total	49	100	1,173	100	2,062	100	26,047	100							
	our experience at th	is inst	itution contributed to	your knowled	ge, sk	ills, and pers	onal (	developmen	t in the	following	areas?							
a. Writing clearly and	pgwrite	1	Very little	1	2	80	7	132	6	1,603	6							
effectively		2	Some	10	20	283	24	469	22	6,039	23							
		3	Quite a bit	24	47	491	41	888	42	11,129	42	3.1	2.9	.19	2.9	.16	2.9	.15
		4	Very much	16	31	339	28	609	29	7,761	29							
			Total	51	100	1,193	100	2,098	100	26,532	100							
b. Speaking clearly and	pgspeak	1	Very little	3	6	110	9	164	8	2,194	8							
effectively		2	Some	12	24	318	27	561	27	7,078	27							
		3	Quite a bit	22	43	465	39	846	40	10,358	39	2.9	2.8	.14	2.8	.11	2.8	.11
		4	Very much	14	27	293	25	521	25	6,817	26							
			Total	51	100	1,186	100	2,092	100	26,447	100							
c. Thinking critically an	d pgthink	1	Very little	0	0	39	3	67	3	821	3							
analytically		2	Some	10	20	240	20	406	19	5,131	19							
		3	Quite a bit	20	39	511	43	935	45	11,517	44	3.2	3.1	.18	3.1	.19	3.1	.16
		4	Very much	21	41	397	33	678	33	8,973	34							
			Total	51	100	1,187	100	2,086	100	26,442	100							
d. Analyzing numerical	pganalyze	1	Very little	1	2	98	8	190	9	2,388	9							
and statistical information		2	Some	13	26	336	28	650	31	7,832	30							
mormation		3	Quite a bit	22	44	462	39	811	39	10,014	38	3.0	2.8	.20	2.7 *	.29	2.8	.24
		4	Very much	14	28	294	25	444	21	6,198	23				Δ			
			Total	50	100	1,190	100	2,095	100	26,432	100							



**Frequencies and Statistical Comparisons: Business** 

First-Year Stud	dents <sup>a</sup> in					Frequenc	cy Di	stribution	S				Sta	atistical	Comparis	ons <sup>k</sup>		
Business														Your fir	st-year stude	nts comp	ared with	
Dusiness										NSSE 2014	<b>!</b> &							
				ASU		Southwest Pul	blic	Carnegie Cl	ass	2015		ASU	Southwe		Carnegie		NSSE 201	
Item wording or description	Variable name <sup>I</sup>	Values '	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
e. Acquiring job- or work-	pgwork	1	Very little	5	10	135	11	234	11	2,612	10							
related knowledge and		2	Some	12	24	323	27	603	29	7,389	28							
skills		3	Quite a bit	21	41	416	35	776	37	9,630	36	2.8	2.8	.05	2.7	.11	2.8	.04
		4	Very much	13	25	319	27	480	23	6,834	26							
			Total	51	100	1,193	100	2,093	100	26,465	100							
f. Working effectively	pgothers	1	Very little	0	0	77	6	105	5	1,576	6							
with others		2	Some	13	25	307	26	587	28	6,738	26							
		3	Quite a bit	24	47	455	38	839	40	10,576	40	3.0	2.9	.13	2.9	.16	2.9	.12
		4	Very much	14	27	349	29	559	27	7,531	29							
			Total	51	100	1,188	100	2,090	100	26,421	100							
g. Developing or	pgvalues	1	Very little	1	2	124	10	216	10	2,593	10							
clarifying a personal		2	Some	13	26	345	29	596	29	7,115	27							
code of values and ethics		3	Quite a bit	21	42	410	35	781	37	9,742	37	3.0	2.8 *	.26	2.7 *	.27	2.8	.21
ctines		4	Very much	15	30	305	26	498	24	6,977	26		Δ		Δ			
			Total	50	100	1,184	100	2,091	100	26,427	100							
h. Understanding people	pgdiverse	1	Very little	2	4	109	9	229	11	2,569	10							
of other backgrounds		2	Some	12	24	313	26	596	28	7,501	28							
(economic, racial/ethnic, political,		3	Quite a bit	19	38	445	37	723	35	9,368	35	3.0	2.8	.21	2.8 *	.28	2.8	.25
religious, nationality,		4	Very much	17	34	324	27	544	26	7,030	27				Δ			
etc.)			Total	50	100	1,191	100	2,092	100	26,468	100							
i. Solving complex real-	pgprobsolve	1	Very little	7	14	131	11	229	11	2,770	10							
world problems		2	Some	14	27	361	30	671	32	8,377	32							
		3	Quite a bit	18	35	424	36	752	36	9,523	36	2.7	2.7	02	2.7	.02	2.7	01
		4	Very much	12	24	275	23	441	21	5,783	22							
			Total	51	100	1,191	100	2,093	100	26,453	100							
j. Being an informed and	pgcitizen	1	Very little	4	8	137	12	238	11	2,978	11							
active citizen		2	Some	20	40	341	29	669	32	8,042	31							
		3	Quite a bit	14	28	430	36	733	35	9,392	36	2.7	2.7	04	2.7	.02	2.7	01
		4	Very much	12	24	277	23	444	21	5,894	22							
			Total	50	100	1,185	100	2,084	100	26,306	100							



Frequencies and Statistical Comparisons: Business

First-Year St	udents <sup>a</sup> in					Freque	ncy D	istribution	าร				St	atistical	Comparis	sons <sup>k</sup>		
Business														Your fi	rst-year stud	ents comp	ared with	
Dusiliess										NSSE 2014	4 &							
				ASU		Southwest P	ublic	Carnegie C	lass	2015		ASU	Southwe	est Public	Carnegi	e Class	NSSE 201	4 & 2015
Item wording	Variable													Effect		Effect		Effect
or description	name'	Values <sup>r</sup>	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
18. How would you e	valuate your enti	re educa	tional experience at th	is institution	?													
	evalexp	1	Poor	1	2	21	2	46	2	441	2							
		2	Fair	5	10	144	12	266	13	3,143	12							
		3	Good	26	51	626	52	1,044	50	13,307	50	3.2	3.2	.07	3.2	.07	3.2	.03
		4	Excellent	19	37	409	34	747	36	9,739	37							
			Total	51	100	1,200	100	2,103	100	26,630	100							
19. If you could start	over again, woul	d you go	to the same institution	you are no	w atte	ending?												
	sameinst	1	Definitely no	1	2	51	4	96	5	1,008	4							
		2	Probably no	6	12	153	13	301	14	3,519	13							
		3	Probably yes	27	54	507	42	905	43	11,193	42	3.2	3.2	04	3.1	.02	3.2	05
		4	Definitely yes	16	32	487	41	802	38	10,924	41							
			Total	50	100	1,198	100	2,104	100	26,644	100							



Frequencies and Statistical Comparisons: Business

Seniors <sup>a</sup> in						Frequen	cy D	istribution	S				St	atistical	Comparis	ons <sup>k</sup>		
Business										NSSE 2014	10			Y	our seniors co	mpared v	vith	
				ASU		Southwest Pu	ıhlic	Carnegie C	255	2015	<del>1</del> α	ASU	Southwe	est Public	Carnegie	Class	NSSE 2014	1 & 2015
Item wording	Variable			730		Journwest	abiic	curricgic ci	u33	2013			Joanwe	Effect	carriegie	Effect	11331 2014	Effect
or description	name <sup>1</sup>	Values "	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
1. During the current s	school year, abou	t how o	ften have you done th	e following?														
a. Asked questions or	askquest	1	Never	2	5	72	3	73	2	793	2							
contributed to course		2	Sometimes	11	26	717	27	757	20	9,377	22							
discussions in other ways		3	Often	18	43	859	33	1,231	32	13,830	33	2.9	3.0	16	3.2 *	38	3.2 *	32
ways		4	Very often	11	26	986	37	1,729	46	18,106	43				$\blacksquare$		▼	
			Total	42	100	2,634	100	3,790	100	42,106	100							
b. Prepared two or more	drafts	1	Never	9	21	454	17	698	19	7,989	19							
drafts of a paper or		2	Sometimes	19	45	884	34	1,305	35	14,702	35							
assignment before turning it in		3	Often	9	21	759	29	981	26	11,028	26	2.2	2.5	28	2.5	25	2.5	22
turning it in		4	Very often	5	12	528	20	782	21	8,234	20							
			Total	42	100	2,625	100	3,766	100	41,953	100							
c. Come to class without	unpreparedr	1	Very often	6	14	171	7	169	4	2,446	6							
completing readings or	(Reverse-coded	2	Often	9	21	406	16	452	12	5,771	14							
assignments	version of	3	Sometimes	21	50	1,449	55	2,032	54	22,984	55	2.6	2.9 *	37	3.1 **	58	3.0 *	45
	unprepared	4	Never	6	14	588	22	1,110	29	10,669	25		▼		▼		▼	
	created by NSSE.)		Total	42	100	2,614	100	3,763	100	41,870	100							
d. Attended an art exhibit	, attendart	1	Never	24	57	1,393	53	1,855	49	19,942	48							
play or other arts		2	Sometimes	9	21	867	33	1,323	35	15,132	36							
performance (dance, music, etc.)		3	Often	6	14	255	10	380	10	4,548	11	1.7	1.6	.08	1.7	.00	1.7	03
music, etc.)		4	Very often	3	7	107	4	199	5	2,195	5							
			Total	42	100	2,622	100	3,757	100	41,817	100							
e. Asked another student	CLaskhelp	1	Never	7	17	381	15	615	16	5,670	14							
to help you understand		2	Sometimes	14	33	1,244	47	1,772	47	20,069	48							
course material		3	Often	11	26	667	25	985	26	11,119	27	2.6	2.4	.24	2.3	.30	2.4	.23
		4	Very often	10	24	330	13	394	10	5,060	12							
			Total	42	100	2,622	100	3,766	100	41,918	100							
f. Explained course	CLexplain	1	Never	3	7	148	6	280	7	2,112	5							
material to one or more		2	Sometimes	10	24	1,051	40	1,505	40	16,349	39							
students		3	Often	17	40	923	35	1,322	35	15,538	37	2.9	2.7	.27	2.6 *	.33	2.7	.25
		4	Very often	12	29	498	19	646	17	7,838	19				<b>A</b>			
			Total	42	100	2,620	100	3,753	100	41,837	100							



Frequencies and Statistical Comparisons: Business

3.																		
Seniors <sup>a</sup> in						Frequen	cy D	istribution	S				Sta	atistical	Comparis	sons <sup>k</sup>		
Business														Y	our seniors c	ompared v	vith	
				4611						NSSE 2014	1 &	ASU		. 6 . 1 !!		01	11665 004	
Item wording	Variable			ASU		Southwest Pu	DIIC	Carnegie Ci	ass	2015		ASU	Southwe	est Public Effect	Carnegi	E Class Effect	NSSE 201	4 & 2015 Effect
or description	name <sup>1</sup>	Values'	" Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
g. Prepared for exams by	CLstudy	1	Never	8	19	508	19	780	21	7,687	18							
discussing or working		2	Sometimes	13	31	970	37	1,360	36	15,346	37							
through course material with other students		3	Often	14	33	681	26	1,000	27	11,358	27	2.5	2.4	.06	2.4	.09	2.4	.03
with other students		4	Very often	7	17	457	17	627	17	7,531	18							
			Total	42	100	2,616	100	3,767	100	41,922	100							
h. Worked with other	CLproject	1	Never	3	7	125	5	209	6	1,632	4							
students on course		2	Sometimes	4	10	615	23	955	25	8,927	21							
projects or assignments		3	Often	17	41	923	35	1,330	35	14,650	35	3.2	3.0	.15	3.0	.22	3.1	.07
		4	Very often	17	41	955	36	1,276	34	16,695	40							
			Total	41	100	2,618	100	3,770	100	41,904	100							
i. Given a course	present	1	Never	4	10	330	13	377	10	3,763	9							
presentation		2	Sometimes	11	26	766	29	901	24	10,023	24							
		3	Often	11	26	755	29	1,183	31	13,388	32	2.9	2.7	.18	2.9	.02	2.9	.00
		4	Very often	16	38	766	29	1,306	35	14,681	35							
			Total	42	100	2,617	100	3,767	100	41,855	100							
2. During the current scl	100l year, abo	ut how	often have you done th	e following?														
a. Combined ideas from	RIintegrate	1	Never	2	5	96	4	101	3	1,176	3							
different courses when		2	Sometimes	13	31	674	26	970	26	10,663	25							
completing assignments		3	Often	17	40	1,099	42	1,543	41	17,455	42	2.8	3.0	15	3.0	20	3.0	19
		4	Very often	10	24	758	29	1,149	31	12,654	30							
			Total	42	100	2,627	100	3,763	100	41,948	100							
b. Connected your	RIsocietal	1	Never	4	10	185	7	168	4	1,984	5							
learning to societal		2	Sometimes	14	33	841	32	1,170	31	13,087	31							
problems or issues		3	Often	15	36	997	38	1,466	39	16,344	39	2.7	2.8	08	2.8	18	2.8	17
		4	Very often	9	21	589	23	935	25	10,260	25							
			Total	42	100	2,612	100	3,739	100	41,675	100							
c. Included diverse	RIdiverse	1	Never	9	21	343	13	323	9	4,007	10							-
perspectives (political,		2	Sometimes	16	38	1,080	41	1,442	38	16,254	39							
religious, racial/ethnic, gender, etc.) in course		3	Often	9	21	767	29	1,280	34	13,717	33	2.4	2.5	12	2.6	29	2.6	25
discussions or		4	Very often	8	19	427	16	713	19	7,808	19							
assignments			Total	42	100	2,617	100	3,758	100	41,786	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequen	cy D	istribution	s				St	atistical	Comparis	sons <sup>k</sup>		
Business										NSSE 2014	1 &			Y	our seniors c	ompared v	vith	
				ASU		Southwest Pu	ıblic	Carnegie Cl	ass	2015		ASU	Southwe	est Public	Carnegi	e Class	NSSE 2014	4 & 2015
Item wording	Variable													Effect		Effect		Effect
d. Examined the strengths	name ' RIownview	Values <sup>1</sup>	Response options Never	Count 3	% 7	Count 155	6	Count 155	% 4	1,893	<del>%</del> 5	Mean	Mean	size "	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
and weaknesses of	Riowiiview	2	Sometimes	13	31	872	33	1,166	31	13,035	31							
your own views on a		3	Often	17	40	1,060	40	1,586	42	17,624	42	2.8	2.8	.01	2.8	08	2.8	07
topic or issue		4	Very often	9	21	531	20	837	22	9,214	22	2.0	2.0	.01	2.0	00	2.0	07
		•	Total	42	100	2,618	100	3,744	100	41,766	100							
e. Tried to better	RIperspect	1	Never	3	7	104	4	112	3	1,287	3							
understand someone	- •	2	Sometimes	14	33	762	29	1,057	28	11,637	28							
else's views by		3	Often	13	31	1,081	41	1,653	44	18,167	44	2.8	2.9	09	2.9	12	2.9	13
imagining how an issue looks from his or her		4	Very often	12	29	670	26	918	25	10,655	26							
perspective			Total	42	100	2,617	100	3,740	100	41,746	100							
f. Learned something that	RInewview	1	Never	2	5	61	2	71	2	851	2							
changed the way you understand an issue or		2	Sometimes	13	31	842	32	1,117	30	12,341	30							
concept		3	Often	17	40	1,111	42	1,628	43	18,078	43	2.8	2.9	04	2.9	10	2.9	10
солосре		4	Very often	10	24	603	23	929	25	10,475	25							
			Total	42	100	2,617	100	3,745	100	41,745	100							
g. Connected ideas from	RIconnect	1	Never	1	2	31	1	33	1	400	1							
your courses to your prior experiences and		2	Sometimes	8	19	474	18	597	16	6,895	17							
knowledge		3	Often	18	43	1,200	46	1,664	44	18,452	44	3.1	3.1	03	3.2	12	3.2	11
		4	Very often	15	36	910	35	1,448	39	15,892	38							
			Total	42	100	2,615	100	3,742	100	41,639	100							
3. During the current scl				_														
a. Talked about career plans with a faculty	SFcareer	1		5	12	683	26	782	21	8,912	21							
member		2	Sometimes	18	44	1,067	41	1,505	40	16,721	40	2.4						
		3	Often	14	34	529	20	840	22	9,604	23	2.4	2.2	.22	2.3	.07	2.3	.09
		4	Very often	4	10	337	13	619	17	6,576	16							
h Worked with - fli	CEoth	1	Total	41	100	2,616	100	3,746	100	41,813	100							
<ul> <li>Worked with a faculty member on activities</li> </ul>	SFotherwork	1	Never	20 8	50 20	1,384	53 25	1,847 994	49 27	20,387	49							
other than coursework		2	Sometimes Often	8	23	648				11,313	27	1.9	1.0	10	1.0	0.3	1.0	02
(committees, student		4	Very often	3	23	352 227	13 9	514 382	14 10	5,849 4,140	14 10	1.9	1.8	.10	1.8	.03	1.8	.03
groups, etc.)		4	Total	40	100	2,611	100	3,737	100	4,140	100							
			1 Otal	40	100	2,011	100	3,/3/	100	41,089	100							



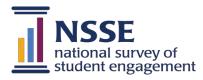
Frequencies and Statistical Comparisons: Business

Seniors <sup>a</sup> in						Frequen	cy Di	istribution	S				Sta	itistical (	Comparis	sons <sup>k</sup>		
Business										NSSE 2014	&			Yo	our seniors c	ompared v	vith	
				ASU		Southwest Pu	blic	Carnegie Cl	ass	2015		ASU	Southwes	t Public	Carnegi	e Class	NSSE 201	4 & 2015
Item wording	Variable													Effect		Effect		Effect
or description  c. Discussed course	name ' SFdiscuss	Values '	Response options Never	Count 7	% 17	Count 982	38	1,144	31	13,095	31	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
topics, ideas, or	ST disease	2	Sometimes	18	44	1,013	39	1,558	42	16,810	40							
concepts with a faculty		3	Often	12	29	403	15	669	18	7,744	19	2.3	1.9 **	.41	2.1	.26	2.1	.27
member outside of class		4	Very often	4	10	213	8	368	10	4,053	10	2.0	1.5	.71	2.1	.20	2.1	.27
ciass			Total	41	100		100	3,739	100	41,702	100							
d. Discussed your	SFperform	1	Never	9	22	751	29	911	24	10,573	25							
academic performance	-	2	Sometimes	19	46	1,179	45	1,672	45	18,523	44							
with a faculty member		3	Often	9	22	444	17	774	21	8,315	20	2.2	2.1	.15	2.2	.04	2.1	.05
		4	Very often	4	10	235	9	371	10	4,219	10							
			Total	41	100	2,609	100	3,728	100	41,630	100							
4. During the current sc	hool vear, how	much l	nas vour coursework e	mphasized the	e follo	wing?												
Memorizing course	memorize	1	Very little	2	5	150	6	253	7	2,776	7							
material		2	Some	11	26	737	28	1,148	31	12,397	30							
		3	Quite a bit	16	38	1,121	43	1,528	41	17,158	41	3.0	2.8	.13	2.8	.20	2.8	.18
		4	Very much	13	31	615	23	820	22	9,532	23							
			Total	42	100	2,623	100	3,749	100	41,863	100							
b. Applying facts,	HOapply	1	Very little	3	7	69	3	70	2	978	2							
theories, or methods to		2	Some	6	14	498	19	649	17	7,433	18							
practical problems or new situations		3	Quite a bit	18	43	1,250	48	1,791	48	19,327	46	3.1	3.1	.01	3.1	06	3.1	05
new situations		4	Very much	15	36	802	31	1,226	33	13,976	34							
			Total	42	100	2,619	100	3,736	100	41,714	100							
c. Analyzing an idea,	HOanalyze	1	Very little	3	7	100	4	107	3	1,363	3							
experience, or line of reasoning in depth by		2	Some	8	19	574	22	739	20	8,294	20							
examining its parts		3	Quite a bit	18	43	1,155	44	1,674	45	18,183	44	3.0	3.0	03	3.1	12	3.1	11
		4	Very much	13	31	783	30	1,232	33	13,858	33							
			Total	42	100	2,612	100	3,752	100	41,698	100							
d. Evaluating a point of	HOevaluate	1	Very little	3	7	114	4	116	3	1,589	4							
view, decision, or information source		2	Some	11	26	663	25	862	23	9,724	23							
mornation source		3	Quite a bit	15	36	1,112	43	1,681	45	18,265	44	2.9	2.9	04	3.0	11	3.0	09
		4	Very much	13	31	727	28	1,083	29	12,100	29							
			Total	42	100	2,616	100	3,742	100	41,678	100							



Frequencies and Statistical Comparisons: Business

Seniors <sup>a</sup> in						Frequer	ıcy D	istribution	S				Sta	atistical	Compariso	ons <sup>k</sup>		
Business										NSSE 2014	l &			Y	our seniors coi	mpared v	vith	
				ASU		Southwest P	ublic	Carnegie Cl	ass	2015		ASU	Southwe	st Public	Carnegie	Class	NSSE 2014	& 2015
Item wording	Variable													Effect		Effect		Effect
e. Forming a new idea or	name ' HOform	Values"	Response options Very little	Count 3	% 7	Count 147	6	Count 139	% 4	1,944	<del>%</del> 5	Mean	Mean	size "	Mean	size <sup>n</sup>	Mean	size "
understanding from	HOIOIII	2	Some	13	32	642	25	900	24	10,214	25							
various pieces of		3	Quite a bit	15	37	1,126	43	1,679	45	17,948	43	2.8	2.9	15	3.0	22	2.9	19
information		4	Very much	10	24	691	27	1,012	27	11,475	28	2.0	2.9	13	3.0	22	2.9	19
		7	Total	41	100	2,606	100	3,730	100	41,581	100							
. During the current sch	nool vear, to w	hat exte	nt have your instructo	ors done the fo	llowi	ng?												
a. Clearly explained	ETgoals	1	Very little	3	7	<b>S</b> -	2	63	2	773	2							
course goals and	J	2	Some	11	27	406	15	598	16	6,486	15							
requirements		3	Quite a bit	17	41	1,102	42	1,573	42	18,216	43	2.8	3.2 **	49	3.2 **	50	3.2 **	49
		4	Very much	10	24	1,070	41	1,541	41	16,582	39		<b>V</b>		▼		▼	
			Total	41	100	2,636	100	3,775	100	42,057	100		· ·		•		•	
b. Taught course sessions	ETorganize	1	Very little	3	7	63	2	81	2	917	2							
in an organized way		2	Some	12	29	429	16	611	16	6,895	16							
		3	Quite a bit	22	52	1,138	43	1,717	46	18,654	44	2.7	3.2 ***	61	3.2 ***	61	3.2 ***	61
		4	Very much	5	12	1,001	38	1,351	36	15,491	37		▼		▼		▼	
			Total	42	100	2,631	100	3,760	100	41,957	100							
c. Used examples or	ETexample	1	Very little	3	7	100	4	124	3	1,255	3							
illustrations to explain		2	Some	8	20	467	18	656	17	7,543	18							
difficult points		3	Quite a bit	22	54	1,030	39	1,555	41	16,700	40	2.9	3.1 *	34	3.1 *	35	3.2 *	36
		4	Very much	8	20	1,034	39	1,426	38	16,385	39		▼		▼		▼	
			Total	41	100	2,631	100	3,761	100	41,883	100							
d. Provided feedback on a	ETdraftfb	1	Very little	5	12	316	12	392	10	4,645	11							
draft or work in		2	Some	16	38	778	30	1,069	28	12,102	29							
progress		3	Quite a bit	16	38	803	31	1,283	34	13,958	33	2.5	2.7	24	2.8	29	2.8	26
		4	Very much	5	12	726	28	1,015	27	11,162	27							
			Total	42	100	2,623	100	3,759	100	41,867	100							
e. Provided prompt and	ETfeedback	1	Very little	2	5	246	9	217	6	2,878	7							
detailed feedback on tests or completed		2	Some	12	29	687	26	923	25	10,976	26							
assignments		3	Quite a bit	17	40	927	36	1,464	39	15,926	38	2.9	2.8	.05	2.9	07	2.9	.00
J		4	Very much	11	26	751	29	1,139	30	11,942	29							
			Total	42	100	2,611	100	3,743	100	41,722	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequenc	cy Di	istribution	S				Sta	atistical	Comparis	ons <sup>k</sup>		
Business										NSSE 2014	1 0			Y	our seniors co	mpared v	vith	
				ASU		Southwest Pul	hlic	Carnegie Cl	ass	2015	ł &	ASU	Southwe	st Public	Carnegie	Class	NSSE 2014	& 2015
Item wording	Variable			730		Journ West Fu	Dile	carriegie en	u33	2013			Southwe	Effect	carricgic	Effect	N33L 2014	Effect
or description	name <sup>I</sup>	Values <sup>n</sup>		Count	%	Count	%	Count	%	Count	%	Mean	Mean	size "	Mean	size "	Mean	size "
_		t how o	often have you done th	_														
a. Reached conclusions	QRconclude	1	Never	3	7	170	6	241	6	2,674	6							
based on your own analysis of numerical		2	Sometimes	14	33	792	30	1,130	30	12,296	29	• 0						
information (numbers,		3	Often	15	36	1,042	40	1,494	40	16,687	40	2.8	2.8	06	2.8	06	2.8	08
graphs, statistics, etc.)		4	Very often	10	24	633	24	914	24	10,420	25							
			Total	42	100	2,637	100	3,779	100	42,077	100							
b. Used numerical	QRproblem	1	Never	5	12	325	12	450	12	4,942	12							
information to examine		2	Sometimes	14	33	920	35	1,362	36	14,425	34							
a real-world problem or issue (unemployment,	r	3	Often	15	36	823	31	1,180	31	13,960	33	2.6	2.6	.00	2.6	.01	2.6	01
climate change, public		4	Very often	8	19	563	21	778	21	8,677	21							
health, etc.)			Total	42	100	2,631	100	3,770	100	42,004	100							
,						,												
c. Evaluated what others	QRevaluate	1	Never	7	17	371	14	519	14	5,243	13							
have concluded from		2	Sometimes	17	40	1,033	39	1,463	39	15,702	37							
numerical information		3	Often	13	31	776	30	1,174	31	13,719	33	2.4	2.5	12	2.5	13	2.5	18
		4	Very often	5	12	447	17	616	16	7,253	17							
			Total	42	100		100	3,772	100	41,917	100							
. During the current s	school vear, about	t how r	nany papers, reports,	or other writi	ng tas	ks of the follo	owin	g length hav	e vou l	been assign	ed? (Iı	nclude those not	vet comple	ted.)				
a. Up to 5 pages	wrshortnum	0	None	3	7	227	9	156	4	1,866	5		,	,				
1 10	(Recoded version	1.5	1-2	18	43	639	25	652	18	7,721	19							
	of wrshort created	4	3-5	10	24	772	30	1,030	28	11,548	28							
	by NSSE. Values	8	6-10	5	12	461	18	857	24	8,791	22	4.9	6.0	19	7.8 **	45	7.8 **	43
	are estimated	13	11-15	3	7	197	8	410	11	4,464	11	,	0.0		<b>V</b>		<b>V</b>	
	number of papers,	18	16-20	2	5	96	4	217	6	2,411	6				•		•	
	reports, etc.)	23	More than 20	1	2	141	6	310	9	3,761	9							
		23	Total	42	100		100	3,632	100	40,562	100							
b. Between 6 and 10	wrmednum	0	None	10	26	795	32	642	18	8,069	20							
pages		1.5	1-2	19	49	934	37	1,359	38	14,777	37							
	(Recoded version	4	3-5	9	23	498	20	988	28	10,313	26							
	of wrmed created by NSSE. Values	8	6-10	1	3	178	7	406	11	4,406	11	1.9	2.5 *	19	3.4 ***	40	3.4 ***	38
	are estimated	13	11-15	0	0	50	2	101	3	1,329	3	1.)		19	3.4	40	3.4	38
	number of papers,	18	16-20	0	0	30 17	1	51	3 1	588	1		$\nabla$		•		•	
	reports, etc.)	23		0	0	24	1	32	1		1							
		23	More than 20	Ŭ	Ü		•		•	456	•							
			Total	39	100	2,496	100	3,579	100	39,938	100							



**Frequencies and Statistical Comparisons: Business** 

Saniare" in						Fragues	a. D	ictribution	_			•	C+	atistical (	Comparis	on sk		
Seniors <sup>a</sup> in						rrequen	су D	stribution	3				<b>3</b> t		our seniors co		uith	
Business										NSSE 2014	۱.&		_	70	our semors co	приси	VICII	
				ASU		Southwest Pu	ublic	Carnegie Cl	ass	2015	. ω	ASU	Southwe	st Public	Carnegie	Class	NSSE 2014	& 2015
Item wording	Variable													Effect		Effect		Effect
or description  c. 11 pages or more	name ' wrlongnum	Values" 0	Response options None	Count 27	71	1.209	49	1,388	40	16,280	42	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
c. 11 pages of more	-	1.5	1-2	9	24	885	36	1,430	41	15,242	39							
	(Recoded version of wrlong created	4	3-5	1	3	225	9	428	12	4,868	12							
	by NSSE. Values	8	6-10	0	0	61	2	137	4	1,473	4	.9	1.6	20	1.9	30	1.9	29
	are estimated	13	11-15	0	0	33	1	43	1	569	1	•	1.0	.20	***	.50	*/	,
	number of papers, reports, etc.)	18	16-20	1	3	15	1	17	0	272	1							
	reports, etc.)	23	More than 20	0	0	18	1	36	1	407	1							
			Total	38	100	2,446	100	3,479	100	39,111	100							
Estimated number of assigned pages of student writing.	wrpages (Continuous variab	le, recoa	led and summed by NSSE									42.6	59.5	22	76.4 **	44	77.3 ***	42
	from wrshort, wrm estimated pages of	ed, and assigned	wrlong. Values are ! writing.)												<b>*</b>		<b>V</b>	
_	-		often have you had disc															
a. People of a race or	DDrace	1	Never	2	5	161	6	212	6	2,070	5							
ethnicity other than your own		2	Sometimes	11	26	495	19	881	23	9,267	22							
your own			Officer															
		3	Often	14	33	737	28	1,081	29	11,817	28	3.0	3.2	17	3.1	08	3.1	14
		4	Very often	15	36	1,241	47	1,605	42	18,886	45	3.0	3.2	17	3.1	08	3.1	14
D 1.0		4	Very often Total	15 42	36 100	1,241 2,634	47 100	1,605 3,779	42 100	18,886 42,040	45 100	3.0	3.2	17	3.1	08	3.1	14
•	DDeconomic	1	Very often Total Never	15 42 4	36 100 10	1,241 2,634 151	47 100 6	1,605 3,779 170	42 100 5	18,886 42,040 1,771	45 100 4	3.0	3.2	17	3.1	08	3.1	14
b. People from an economic background other than your own	DDeconomic	1 2	Very often Total Never Sometimes	15 42 4 12	36 100 10 29	1,241 2,634 151 486	47 100 6 18	1,605 3,779 170 813	42 100 5 22	18,886 42,040 1,771 8,904	45 100 4 21							
economic background	DDeconomic	1 2 3	Very often Total Never Sometimes Often	15 42 4 12 11	36 100 10 29 26	1,241 2,634 151 486 842	47 100 6 18 32	1,605 3,779 170 813 1,283	42 100 5 22 34	18,886 42,040 1,771 8,904 13,685	45 100 4 21 33	2.9	3.2	17	3.1	08	3.1	
economic background	DDeconomic	1 2	Very often Total Never Sometimes Often Very often	15 42 4 12 11 15	36 100 10 29 26 36	1,241 2,634 151 486 842 1,151	47 100 6 18 32 44	1,605 3,779 170 813 1,283 1,500	42 100 5 22 34 40	18,886 42,040 1,771 8,904 13,685 17,589	45 100 4 21 33 42							
economic background other than your own		1 2 3 4	Very often Total Never Sometimes Often Very often Total	15 42 4 12 11 15 42	36 100 10 29 26 36 100	1,241 2,634 151 486 842 1,151 2,630	47 100 6 18 32 44 100	1,605 3,779 170 813 1,283 1,500 3,766	42 100 5 22 34 40 100	18,886 42,040 1,771 8,904 13,685 17,589 41,949	45 100 4 21 33 42 100							
economic background other than your own	DDreligion	1 2 3 4	Very often Total Never Sometimes Often Very often Total Never	15 42 4 12 11 15 42	36 100 10 29 26 36 100	1,241 2,634 151 486 842 1,151 2,630	47 100 6 18 32 44 100	1,605 3,779 170 813 1,283 1,500 3,766	42 100 5 22 34 40 100	18,886 42,040 1,771 8,904 13,685 17,589 41,949 2,906	45 100 4 21 33 42 100 7							
economic background other than your own c. People with religious	DDreligion	1 2 3 4	Very often Total  Never Sometimes Often Very often Total  Never Sometimes	15 42 4 12 11 15 42	36 100 10 29 26 36 100 21 26	1,241 2,634 151 486 842 1,151 2,630 214 599	47 100 6 18 32 44 100 8 23	1,605 3,779 170 813 1,283 1,500 3,766 253 1,034	42 100 5 22 34 40 100 7 27	18,886 42,040 1,771 8,904 13,685 17,589 41,949 2,906 10,851	45 100 4 21 33 42 100 7 26	2.9	3.1	28	3.1	24	3.1	27
c. People with religious beliefs other than your	DDreligion	1 2 3 4	Very often Total  Never Sometimes Often Very often Total  Never Sometimes Often	15 42 4 12 11 15 42 9 11 8	36 100 10 29 26 36 100 21 26 19	1,241 2,634 151 486 842 1,151 2,630 214 599 780	47 100 6 18 32 44 100 8 23 30	1,605 3,779 170 813 1,283 1,500 3,766 253 1,034 1,166	42 100 5 22 34 40 100 7 27 31	18,886 42,040 1,771 8,904 13,685 17,589 41,949 2,906 10,851 12,248	45 100 4 21 33 42 100 7 26 29							27
c. People with religious beliefs other than your	DDreligion	1 2 3 4	Very often Total  Never Sometimes Often Very often Total  Never Sometimes	15 42 4 12 11 15 42 9 11 8	36 100 10 29 26 36 100 21 26	1,241 2,634 151 486 842 1,151 2,630 214 599 780 1,034	47 100 6 18 32 44 100 8 23 30 39	1,605 3,779 170 813 1,283 1,500 3,766 253 1,034 1,166 1,313	42 100 5 22 34 40 100 7 27 31 35	18,886 42,040 1,771 8,904 13,685 17,589 41,949 2,906 10,851 12,248 15,881	45 100 4 21 33 42 100 7 26 29 38	2.9	3.1	28	3.1	24	3.1	27
economic background other than your own  c. People with religious beliefs other than your own	DDreligion	1 2 3 4	Very often Total  Never Sometimes Often Very often Total  Never Sometimes Often Very often Very often	15 42 4 12 11 15 42 9 11 8	36 100 10 29 26 36 100 21 26 19 33	1,241 2,634 151 486 842 1,151 2,630 214 599 780	47 100 6 18 32 44 100 8 23 30	1,605 3,779 170 813 1,283 1,500 3,766 253 1,034 1,166	42 100 5 22 34 40 100 7 27 31	18,886 42,040 1,771 8,904 13,685 17,589 41,949 2,906 10,851 12,248	45 100 4 21 33 42 100 7 26 29	2.9	3.1	28	3.1	24	3.1	27
economic background other than your own  c. People with religious beliefs other than your own	DDreligion	1 2 3 4	Very often Total  Never Sometimes Often Very often Total  Never Sometimes Often Very often Total  Never Total  Never Total  Noter Total  Never Total	15 42 4 12 11 15 42 9 11 8 14	36 100 10 29 26 36 100 21 26 19 33 100	1,241 2,634 151 486 842 1,151 2,630 214 599 780 1,034 2,627	47 100 6 18 32 44 100 8 23 30 39 100	1,605 3,779 170 813 1,283 1,500 3,766 253 1,034 1,166 1,313 3,766	42 100 5 22 34 40 100 7 27 31 35 100	18,886 42,040 1,771 8,904 13,685 17,589 41,949 2,906 10,851 12,248 15,881 41,886	45 100 4 21 33 42 100 7 26 29 38 100	2.9	3.1	28	3.1	24	3.1	27
c. People with religious beliefs other than your own	DDreligion	1 2 3 4	Very often Total  Never Sometimes Often Very often Total  Never Sometimes Often Very often Total  Never Never Never Very often Total  Never	15 42 4 12 11 15 42 9 11 8 14 42 7	36 100 10 29 26 36 100 21 26 19 33 100	1,241 2,634 151 486 842 1,151 2,630 214 599 780 1,034 2,627	47 100 6 18 32 44 100 8 23 30 39 100	1,605 3,779 170 813 1,283 1,500 3,766 253 1,034 1,166 1,313 3,766 217	42 100 5 22 34 40 100 7 27 31 35 100	18,886 42,040 1,771 8,904 13,685 17,589 41,949 2,906 10,851 12,248 15,881 41,886 2,479	45 100 4 21 33 42 100 7 26 29 38 100 6	2.9	3.1	28	3.1	24	3.1	27
c. People with religious beliefs other than your own  d. People with political views other than your	DDreligion	1 2 3 4 1 2 3 4 1 2 2	Very often Total  Never Sometimes Often Very often Total  Never Sometimes Often Very often Total  Never Sometimes Sometimes Often Very often Total  Never Sometimes	15 42 4 12 11 15 42 9 11 8 14 42 7	36 100 29 26 36 100 21 26 19 33 100 17 29	1,241 2,634 151 486 842 1,151 2,630 214 599 780 1,034 2,627 196 590	47 100 6 18 32 44 100 8 23 30 39 100 7 23	1,605 3,779 170 813 1,283 1,500 3,766 253 1,034 1,166 1,313 3,766 217 910	42 100 5 22 34 40 100 7 27 31 35 100 6 24	18,886 42,040 1,771 8,904 13,685 17,589 41,949 2,906 10,851 12,248 15,881 41,886 2,479 9,896	45 100 4 21 33 42 100 7 26 29 38 100 6 24	2.9	3.1	28	2.9	24	3.1	14



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequen	icy D	istribution	S			•	St	atistical	Comparis	sons <sup>k</sup>		
Business										NSSE 2014	4 &			Y	our seniors c	ompared v	vith	
				ASU	9	outhwest Pi	ublic	Carnegie Cl	ass	2015	. ~	ASU	Southwe	est Public	Carnegi	e Class	NSSE 2014	& 2015
Item wording	Variable													Effect		Effect		Effect
or description	name'		Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
<ul> <li>During the current sc</li> <li>a. Identified key</li> </ul>	LSreading		<b>ten have you done th</b> Never	e following?	0	45	2	62	2	650	2							
information from	LSteading		Sometimes	8	19	391	15	546	14	6,239	15							
reading assignments		_	Often	21	50	1,091	42	1,589	42	17,311	41	3.1	3.2	15	3.2	16	3.2	16
			Very often	13	31	1,101	42	1,574	42	17,763	42	3.1	3.2	15	3.2	10	3.2	10
			Total	42	100	2,628	100	3,771	100	41,963	100							
b. Reviewed your notes	LSnotes		Never	3	7	151	6	268	7	2,963	7							
after class	Eshotes		Sometimes	12	29	706	27	1,055	28	12,271	29							
			Often	18	43	906	34	1,284	34	13,595	32	2.8	2.9	18	2.9	11	2.9	10
			Very often	9	21	867	33	1,157	31	13,035	31	2.0	2.7	.10	2.7	.11	2.7	.10
			Total	42	100	2,630	100	3,764	100	41,864	100							
c. Summarized what you	LSsummary	1	Never	4	10	193	7	256	7	2,877	7							
learned in class or from		2	Sometimes	13	31	694	27	1,025	28	11,571	28							
course materials		3	Often	16	38	916	35	1,356	37	15,003	36	2.7	2.9	19	2.9	18	2.9	17
		4	Very often	9	21	785	30	1,077	29	11,970	29							
			Total	42	100	2,588	100	3,714	100	41,421	100							
10. During the current s	chool year, to	what exte	nt have your courses	challenged v	ou to d	lo vour best	work	?										
ē	challenge		Not at all	0	0	18	1	15	0	257	1							
		2		2	5	36	1	51	1	563	1							
		3		0	0	82	3	111	3	1,208	3							
		4		0	0	227	9	335	9	3,769	9	5.6	5.6	02	5.6	01	5.6	.01
		5		18	43	697	26	1,056	28	12,038	29							
		6		12	29	870	33	1,269	34	13,836	33							
		7	Very much	10	24	703	27	939	25	10,266	24							
			Total	42	100	2,633	100	3,776	100	41,937	100							
1. Which of the followi	ng have you do	one or do	you plan to do befor	e you graduat	e?°													
a. Participate in an	intern		Have not decided	8	20	278	11	344	9	3,551	8							
internship, co-op, field	(Means indicate		Do not plan to do	8	20	813	31	1,117	30	10,414	25							
experience, student teaching, or clinical	the percentage		Plan to do	13	32	650	25	723	19	8,656	21	29%	34%	10	42%	27	46% *	35
placement	who responded		Done or in progress	12	29	895	34	1,597	42	19,421	46						▼	
•	"Done or in progress.")		Total	41	100	2,636	100	3,781	100	42,042	100							



Frequencies and Statistical Comparisons: Business

Seniors <sup>a</sup> in					Frequency	Distribut	ions				Sta	tistical	Compariso	ons <sup>k</sup>		
Business			ASU		Southwest Publi	· Carnegi	e Class	NSSE 201 2015	4 &	ASU	Southwes		carnegie		NSSE 2014	4 & 2011
Item wording	Variable	, , , , , ,										Effect		Effect		Effect
or description  b. Hold a formal	name ' leader	Values m Response options Have not decided	Count 6	14	286 1	6 Cou	nt % 93 10	4,077	10	Mean	Mean	size "	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
leadership role in a		Do not plan to do	18	43	1,284 4			19,501	47							
student organization or	(Means indicate the percentage	Plan to do	3	7	260 1	,	58 7	3,274	8	36%	30%	.12	34%	.04	36%	.00
group	who responded	Done or in progress	15	36	793 3			15,057	36	30 / 0	3070	.12	3470	.04	3070	.00
	"Done or in	Total	42	100	2,623 10			41,909	100							
	progress.")															
c. Participate in a learning	learncom	Have not decided	7	17	354 1		61 12	5,110	12							
community or some other formal program	(Means indicate	Do not plan to do	18	43	1,468 5	6 2,2	36 59	23,723	57							
where groups of	the percentage	Plan to do	5	12	300 1	1 3	05 8	3,830	9	29%	19%	.22	20%	.19	22%	.15
students take two or	who responded	Done or in progress	12	29	506 1	9 7	67 20	9,241	22							
more classes together	"Done or in progress.")	Total	42	100	2,628 10	0 3,7	69 100	41,904	100							
d. Participate in a study	abroad	Have not decided	3	7	351 1	3 3	48 9	4,425	11							
abroad program	(Means indicate	Do not plan to do	20	49	1,787 6	8 2,6	81 71	27,952	67							
	the percentage	Plan to do	6	15	241	9 2	40 6	2,940	7	29%	9% ***	.52	13% **	.40	16% *	.3
	who responded	Done or in progress	12	29	243	9 4	94 13	6,545	16		<b>A</b>		<b>A</b>		<b>A</b>	
	"Done or in progress.")	Total	41	100	2,622 10	0 3,7	63 100	41,862	100							
e. Work with a faculty	research	Have not decided	9	21	435 1	7 4	89 13	6,073	15							
member on a research	(Means indicate	Do not plan to do	19	45	1,586 6	1 2,3	31 62	25,812	62							
project	the percentage	Plan to do	7	17	319 1	2 3	53 9	4,073	10	17%	10%	.18	15%	.04	14%	.09
	who responded	Done or in progress	7	17	272 1	0 5	72 15	5,657	14							
	"Done or in progress.")	Total	42	100	2,612 10	0 3,7	45 100	41,615	100							
f. Complete a culminating	capstone	Have not decided	6	14	293 1	1 3	33 9	3,929	9							
senior experience	(Means indicate	Do not plan to do	7	17	521 2	0 9	56 25	9,348	22							
(capstone course,	the percentage	Plan to do	11	26	769 2	9 8	19 22	9,506	23	43%	40%	.07	44%	02	45%	0
senior project or thesis, comprehensive exam,	who responded	Done or in progress	18	43	1,040 4	0 1,6	46 44	19,017	45							
portfolio, etc.)	"Done or in	Total	42	100	2,623 10	-		41,800	100							
p,,	progress.")				_,,	,.		,								
2. About how many of	your courses at	t this institution have included	a community	y-base	d project (servi	ce-learning	g)?				_					
	servcourse	1 None	23	59	1,181 4	5 1,6	16 43	17,501	42							
		2 Some	10	26	1,236 4	7 1,8	64 50	21,113	51							
		3 Most	6	15	167	6 2	41 6	2,654	6	1.6	1.6	10	1.7	14	1.7	1
		4 All	0	0	27	1	34 1	439	1							
		Total	39	100	2,611 10	0 3,7	55 100	41,707	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in				F	Frequer	ncy D	istribution	ıs				St	tatistical	Compari	sons <sup>k</sup>		
Business									NSSE 2014	4 &		-	Y	our seniors o	compared v	vith	
			ASU	Sou	ithwest P	ublic	Carnegie Cl	lass	2015		ASU	Southw	est Public	Carnegi	e Class	NSSE 201	4 & 2015
Item wording or description	Variable name <sup>I</sup>	Values <sup>m</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size <sup>n</sup>	Mean	Effect size "
· ·		ctions with the following peo						,-									
a. Students	QIstudent	1 Poor	0	0	27	1	34	1	384	1							
		2	0	0	53	2	52	1	653	2							
		3	0	0	90	3	129	3	1,409	3							
		4	5	12	214	8	291	8	3,283	8							
		5	9	21	577	22	765	20	8,869	21	5.9	5.7	.13	5.8	.08	5.8	.10
		6	14	33	762	29	1,163	31	13,198	31							
		7 Excellent	14	33	873	33	1,289	34	13,953	33							
		<ul> <li>Not applicable</li> </ul>	0	0	38	1	56	1	348	1							
		Total	42	100	2,634	100	3,779	100	42,097	100							
b. Academic advisors	QIadvisor	1 Poor	2	5	110	4	177	5	2,081	5							
		2	2	5	128	5	181	5	2,309	5							
		3	4	10	209	8	240	6	3,053	7							
		4	7	17	288	11	397	11	4,866	12							
		5	9	21	437	17	655	17	7,410	18	5.0	5.3	14	5.3	17	5.2	10
		6	6	14	608	23	796	21	8,933	21							
		7 Excellent	12	29	816	31	1,253	33	12,755	30							
		<ul> <li>Not applicable</li> </ul>	0	0	38	1	76	2	613	1							
		Total	42	100	2,634	100	3,775	100	42,020	100							
c. Faculty	QIfaculty	1 Poor	0	0	52	2	48	1	624	1							
		2	0	0	63	2	81	2	924	2							
		3	2	5	152	6	168	4	1,957	5							
		4	4	10	258	10	339	9	4,351	10							
		5	8	20	541	21	815	22	9,360	22	5.7	5.5	.15	5.6	.08	5.5	.13
		6	17	41	807	31	1,182	32	12,927	31							
		7 Excellent	10	24	717	27	1,082	29	11,297	27							
		<ul> <li>Not applicable</li> </ul>	0	0	30	1	34	1	360	1							
		Total	41	100	2,620	100	3,749	100	41,800	100							



Frequencies and Statistical Comparisons: Business

Seniors <sup>a</sup> in						Frequenc	y Di	stribution	S				St	atistical	Compari	sons <sup>k</sup>		
Business										NSSE 2014	۱.&			Y	our seniors o	compared v	vith	
				ASU	9	Southwest Pub	olic	Carnegie Cla	ass	2015		ASU	Southwe	est Public	Carnegi	e Class	NSSE 201	4 & 2015
Item wording	Variable													Effect		Effect		Effect
or description	name '	Values <sup>n</sup>		Count	%	Count	%	Count	%	Count	<u>%</u>	Mean	Mean	size "	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
d. Student services staff (career services,	QIstaff	1	Poor	2	5 7	122	5	180	5	2,027	5							
student activities,		2 3		3	7	112 192	4 7	167	4	1,931	5 7							
housing, etc.)		4		5	12		11	238 399	6 11	2,846 4,855	12							
		5		10	24	432	16	620	16	7,229	17	5.0	5.0	02	5.0	02	5.0	.00
		6		7	17	432 475	18	673	18	7,229	17	3.0	5.0	02	5.0	02	5.0	.00
		7	Excellent	10	24	509	19	718	19	7,893	18							
		_	Not applicable	2	5	500	19	770	20	7,740	18							
		_	Total	42	100		100	3,765	100	41,883	100							
e. Other administrative	Oladmin	1	Poor	2	5	117	4	177	5	2,190	5							
staff and offices	Qiddiiiii	2	1001	1	2	140	5	186	5	2,317	6							
(registrar, financial aid,		3		3	7	254	10	246	7	3,384	8							
etc.)		4		4	10	361	14	456	12	5,865	14							
		5		10	24	489	19	781	21	8,436	20	5.3	5.0	.17	5.1	.08	4.9	.18
		6		9	22	557	21	835	22	8,978	21							
		7	Excellent	11	27		21	897	24	8,582	20							
		_	Not applicable	1	2	165	6	191	5	2,220	5							
			Total	41	100	2,634	100	3,769	100	41,972	100							
14. How much does your	r institution en	phasize	the following?															
a. Spending significant	empstudy	1	Very little	3	7	58	2	72	2	812	2							
amounts of time		2	Some	4	10	409	16	586	16	6,477	15							
studying and on		3	Quite a bit	19	45	1,209	46	1,745	46	19,209	46	3.1	3.2	02	3.2	03	3.2	04
academic work		4	Very much	16	38	949	36	1,354	36	15,354	37							
			Total	42	100	2,625	100	3,757	100	41,852	100							
b. Providing support to	SEacademic	1	Very little	4	10	127	5	187	5	2,108	5							
help students succeed		2	Some	8	19	587	23	851	23	9,358	23							
academically		3	Quite a bit	18	43	1,096	42	1,550	42	17,393	42	2.9	3.0	09	3.0	08	3.0	09
		4	Very much	12	29	795	31	1,140	31	12,697	31							
			Total	42	100	2,605	100	3,728	100	41,556	100							
c. Using learning support	SElearnsup	1	Very little	3	8	248	9	363	10	3,701	9							
services (tutoring		2	Some	5	13		25	915	25	10,117	24							
services, writing center, etc.)		3	Quite a bit	16	40		36	1,370	37	15,459	37	3.1	2.9	.28	2.9	.29	2.9	.27
contor, etc.,		4	Very much	16	40		30	1,084	29	12,336	30							
			Total	40	100	2,612	100	3,732	100	41,613	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequency	Distribu	tions					Sta		Comparis			
Business										NCCE 2014	0			Y	our seniors co	ompared v	vith	
				ASU		Southwest Publi	r Carneg	ie Cla		NSSE 2014 2015	· &	ASU	Southwe	st Public	Carnegie	· Class	NSSE 2014	1 & 2015
Item wording	Variable			7.50		Journ West Fubil	c carries	TC CIUS	-	2013			Joachiwe	Effect	carriegie	Effect	11332 201	Effect
or description	name <sup>I</sup>	Values <sup>r</sup>		Count	%			unt	%	Count	%	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size "
d. Encouraging contact among students from	SEdiverse	1	Very little	6	14			597	16	6,288	15							
different backgrounds		2	Some	14	33	831 3	,	192	32	12,698	30							
(social, racial/ethnic,		3	Quite a bit	10	24	838 3	,	174	31	13,248	32	2.7	2.6	.02	2.6	.10	2.6	.05
religious, etc.)		4	Very much	12	29	601 2		777	21	9,452	23							
			Total	42	100	2,613 10			100	41,686	100							
e. Providing opportunities	SEsocial	1	Very little	3	7	256 1		406	11	3,774	9							
to be involved socially		2	Some	10	24	635 2	· · · · · · · · · · · · · · · · · · ·	005	27	10,443	25							
		3	Quite a bit	14	33	1,009 3	,	351	36	15,533	37	3.0	2.8	.15	2.8	.21	2.9	.13
		4	Very much	15	36	717 2		977	26	11,944	29							
			Total	42	100	2,617 10			100	41,694	100							
f. Providing support for	SEwellness	1	Very little	3	7	349 1	3 :	568	15	5,482	13							
your overall well-being (recreation, health care,		2	Some	12	29	680 2	-	073	29	11,071	27							
counseling, etc.)		3	Quite a bit	16	38	922 3	5 1,2	252	34	14,552	35	2.8	2.7	.11	2.6	.20	2.7	.11
ζ, ,		4	Very much	11	26	659 2	5 8	834	22	10,499	25							
			Total	42	100	2,610 10			100	41,604	100							
g. Helping you manage	SEnonacad	1	Very little	12	29	832 3	2 1,2	238	33	12,971	31							
your non-academic responsibilities (work,		2	Some	11	26	880 3	4 1,2	224	33	13,919	33							
family, etc.)		3	Quite a bit	11	26	557 2	1 8	810	22	9,450	23	2.4	2.2	.20	2.1	.22	2.2	.19
, etc.)		4	Very much	8	19	342 1	3 4	465	12	5,290	13							
			Total	42	100	2,611 10	0 3,7	737	100	41,630	100							
h. Attending campus	SEactivities	1	Very little	5	12	390 1	5 (	688	18	6,638	16							
activities and events		2	Some	11	26	741 2	8 1,	117	30	11,607	28							
(performing arts, athletic events, etc.)		3	Quite a bit	12	29	870 3	3 1,1	158	31	13,885	33	2.8	2.6	.18	2.5	.29	2.6	.21
atmetic events, etc.)		4	Very much	14	33	607 2	3	764	20	9,396	23							
			Total	42	100	2,608 10	0 3,7	727	100	41,526	100							
i. Attending events that	SEevents	1	Very little	4	10	535 2	1 7	789	21	8,149	20							-
address important		2	Some	13	33	914 3	5 1,2	260	34	14,116	34							
social, economic, or political issues		3	Quite a bit	11	28	721 2	8 1,1	112	30	12,413	30	2.7	2.4 *	.35	2.4 *	.37	2.4 *	.32
pontical issues		4	Very much	11	28	422 1	6 :	553	15	6,742	16		<b>A</b>		<b>A</b>		<b>A</b>	
			Total	39	100	2,592 10	0 3,7	714	100	41,420	100							



Frequencies and Statistical Comparisons: Business

Seniors <sup>a</sup> in						Frequer	ncy D	istribution	ıs				St	atistical	Comparis	ons <sup>k</sup>		
Business										NSSE 2014	4 &		-	Y	our seniors c	ompared v	vith	
				ASU		Southwest P	ublic	Carnegie C	lass	2015		ASU	Southwe	est Public	Carnegie	Class	NSSE 2014	4 & 2015
Item wording	Variable													Effect		Effect		Effect
or description	name <sup>1</sup>	Values "		Count	%	Count	%	Count	%	Count	<u>%</u>	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
15. About how many h						17	,	16	0	154	0							
<ul> <li>a. Preparing for class (studying, reading,</li> </ul>	tmprephrs	0	0 hrs	0	0	17	1	16	0	154	0							
writing, doing	(Recoded version	3	1-5 hrs	9	21	520	20	636	17	7,147	17							
homework or lab work,	of tmprep created	8	6-10 hrs	16	38	737	28	1,067	28	11,443	27							
analyzing data,	by NSSE. Values are estimated		11-15 hrs	10	24	501	19	778	21	8,683	21	10.5	4000	• 0				
rehearsing, and other	number of hours	18	16-20 hrs	4	10	392	15	600	16	6,777	16	10.5	12.8 *	28	13.1 *	32	13.3 *	34
academic activities)	per week.)	23	21-25 hrs	1	2	200	8	340	9	3,668	9		$\nabla$		•		•	
		28	26-30 hrs	1	2	127	5	159	4	2,025	5							
		33	More than 30 hrs	1	2	141	5	166	4	2,016	5							
			Total	42	100	2,635	100	3,762	100	41,913	100							
b. Participating in co-	tmcocurrhrs	0	0 hrs	20	48	1,335	51	1,842	49	18,794	45							
curricular activities (organizations, campus	(Recoded version	3	1-5 hrs	7	17	681	26	911	24	10,999	26							
publications, student	of tmcocurr	8	6-10 hrs	6	14	301	11	413	11	5,194	12							
government, fraternity	created by NSSE.	13	11-15 hrs	3	7	153	6	229	6	2,915	7							
or sorority,	Values are estimated number	18	16-20 hrs	2	5	84	3	172	5	1,843	4	6.0	3.8	.36	4.5	.21	4.8	.17
intercollegiate or	of hours per	23	21-25 hrs	2	5	40	2	75	2	966	2							
intramural sports, etc.)	week.)	28	26-30 hrs	1	2	16	1	47	1	438	1							
	,	33	More than 30 hrs	1	2	18	1	52	1	585	1							
			Total	42	100	2,628	100	3,741	100	41,734	100							
c. Working for pay	tmworkonhrs	0	0 hrs	27	66	2,078	79	2,873	77	31,519	76							
on campus	(Recoded version	3	1-5 hrs	1	2	52	2	156	4	1,629	4							
	of tmworkon	8	6-10 hrs	3	7	85	3	256	7	2,747	7							
	created by NSSE.	13	11-15 hrs	3	7	105	4	185	5	2,205	5							
	Values are	18	16-20 hrs	4	10	186	7	165	4	2,120	5	5.5	3.3	.29	3.0	.37	3.3	.32
	estimated number	23	21-25 hrs	0	0	46	2	38	1	634	2							
	of hours per week.)	28	26-30 hrs	2	5	6	0	19	1	247	1							
	week.)	33	More than 30 hrs	1	2	60	2	63	2	645	2							
			Total	41	100	2,618	100	3,755	100	41,746	100							



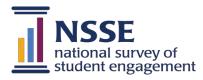
Frequencies and Statistical Comparisons: Business

Seniors <sup>a</sup> in						Frequen	cy D	istribution	S				St	atistical	Comparis	sons <sup>k</sup>		
Business										NSSE 2014	. &			Y	our seniors c	ompared v	vith	
				ASU		Southwest Pu	ıblic	Carnegie Cla	ass	2015		ASU	Southwe	st Public	Carnegie	e Class	NSSE 2014	l & 2015
Item wording or description	Variable name <sup>I</sup>	Values'	<sup>n</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
d. Working for pay off campus  Estimated number of hours working for pay	tmworkoffhrs (Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)  tmworkhrs (Continuous variable created by NSSE)	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	10 2 5 1 4 4 3 12 41	24 5 12 2 10 10 7 29 100	935 86 107 130 174 195 177 809 2,613	36 3 4 5 7 7 7 31 100	1,243 147 198 203 319 254 216 1,156 3,736	33 4 5 5 9 7 6 31 100	15,538 1,634 2,178 2,433 3,465 2,896 2,292 11,190 41,626	37 4 5 6 8 7 6 27 100	22.8	19.3	.07	19.1	.07	14.8 17.9 *	.17
e. Doing community service or volunteer work	tmservicehrs (Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	20 15 2 2 2 2 1 0 0	48 36 5 5 5 2 0 0	1,316 939 181 75 49 18 8 11 2,597	51 36 7 3 2 1 0 0	1,908 1,349 255 92 72 22 11 12 3,721	51 36 7 2 2 1 0 0	21,479 14,581 2,738 1,179 760 313 136 206 41,392	52 35 7 3 2 1 0 0	3.5	2.7	.16	2.6	.19	2.7	.16
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs (Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	0 3 8 13 18 23 28 33	0 hrs 1-5 hrs 6-10 hrs 11-15 hrs 16-20 hrs 21-25 hrs 26-30 hrs More than 30 hrs Total	0 12 17 5 5 2 0 0	0 29 41 12 12 5 0 0	93 839 745 415 270 108 46 107 2,623	4 32 28 16 10 4 2 4 100	135 1,137 1,059 611 371 181 85 163 3,742	4 30 28 16 10 5 2 4 100	1,236 11,560 11,513 7,397 4,730 2,371 1,031 1,826 41,664	3 28 28 18 11 6 2 4 100	9.1	9.9	11	10.3	14	10.8	21



Frequencies and Statistical Comparisons: Business

Seniors <sup>a</sup> in						Frequer	ncy D	istribution	S				St	atistical (	Comparis	ons <sup>k</sup>		
Business										NSSE 2014	1 <i>Q</i> .			Y	our seniors co	ompared v	vith	
				ASU		Southwest P	ublic	Carnegie Cl	ass	2015	+ 🛚	ASU	Southwe	st Public	Carnegie	Class	NSSE 2014	1 & 2015
Item wording	Variable													Effect		Effect		Effect
g. Providing care for	name ' tmcarehrs	Values"	Response options 0 hrs	Count 21	50	1,367	52	2,106	56	24,872	60	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size "
dependents (children,		3	1-5 hrs	7	17	· · · · · ·		,		,								
parents, etc.)	(Recoded version	8	6-10 hrs	6		318 188	12 7	421 217	11 6	4,689 2,370	11							
, ,	of tmcare created		11-15 hrs	2	14	111	4	147	4	1,485	6 4							
		18	16-20 hrs	1	2	86	3	147	4	1,483	3	6.6	8.6	16	7.9	10	7.0	03
by NSSE. Values are estimated number of hours per week.)	23	21-25 hrs	0	0	55	2	81	2	810	2	0.0	8.0	10	7.9	10	7.0	03	
	per week.)	28	26-30 hrs	0	0	55	2	55	1	561	1							
		33	More than 30 hrs	5	12	430	16	559	15	5,355	13							
			Total	42	100	2,610	100	3,734	100	41,586	100							
h. Commuting to campus	tmcommutehrs	0	0 hrs	6	14	345	13	914	24	8,737	21							
(driving, walking, etc.)	(Recoded version	3	1-5 hrs	24	57	1,535	58	2,087	55	23,225	56							
	of tmcommute	8	6-10 hrs	7	17	477	18	498	13	6,117	15							
	created by NSSE.	13	11-15 hrs	2	5	142	5	136	4	1,892	5							
	Values are	18	16-20 hrs	3	7	54	2	65	2	873	2	5.0	5.1	02	4.0	.20	4.4	.10
	estimated number	23	21-25 hrs	0	0	23	1	24	1	387	1	3.0	3.1	02	4.0	.20	7.7	.10
	of hours per week.)	28	26-30 hrs	0	0	16	1	16	0	179	0							
	week.)	33	More than 30 hrs	0	0	35	1	24	1	383	1							
		33	Total	42	100	2,627	100	3,764	100	41,793	100							
6. Of the time you spe	nd preparing for	· class i							100	41,793	100							
o. Of the time you spe	reading	1	Very little	5 about 110 w 1	13	240	9	ang. 348	9	3,878	9							
	· ·	2	Some	12	31	615	24	875	23	10,207	24							
	(Revised for 2014. Comparison data	3	About half	11	28	810	31	1,255	33	13,254	32	2.8	3.0	20	3.0	17	3.0	16
	are limited to	4	Most	7	18	688	26	946	25	10,597	25	2.0	3.0	20	3.0	1/	3.0	10
	NSSE 2014	5	Almost all	4	10	260	10	333	9	3,757	9							
	participating	3	Total	39	100		100		100		100							
	institutions.)		Total	39	100	2,613	100	3,757	100	41,693	100							
	tmreadinghrs																	
(Continuous varia	ible created by NSSE	E. Calcul	ated as a proportion									4.9	7.0 *	33	7.0 *	35	7.1 *	35
of tmprephrs base	ed on reading, where	e Very lii	ttle=.10; Some=.25;									7.7		33		33		33
About	half=.50; Most=.75	; Almost	all=.90)										▼		•		▼	



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequenc	cy Di	stribution	s			•	St	atistical	Compari	sons <sup>k</sup>		
Business										NSSE 2014	1 <i>Q</i> .			Y	our seniors o	ompared v	vith	
				ASU		Southwest Pul	blic	Carnegie Cl	ass	2015	+ 0.	ASU	Southwe	est Public	Carnegi	e Class	NSSE 201	.4 & 2015
Item wording	Variable													Effect		Effect		Effect
or description	name '	Values'	· · · · · · · · · · · · · · · · · · ·	Count	%	Count	%	Count	%	Count	<u>%</u>	Mean	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>	Mean	size <sup>n</sup>
	tmreadinghrscol	1	0 hrs	0	0	15	1	15	0	148	0							
	(Collapsed version of tmreadinghrs	2	More than zero, up to 5 hrs	26	67	1,233	47	1,761	47	19,546	47							
	created by NSSE.)	3	More than 5, up to 10 hrs	9	23	798	31	1,119	30	12,532	30							
		4	More than 10, up to 15 hrs	1	3	258	10	435	12	4,648	11							
		5	More than 15, up to 20 hrs	2	5	151	6	204	5	2,252	5							
		6	More than 20, up to 25 hrs	1	3	112	4	149	4	1,704	4							
		7	More than 25 hrs	0	0	39	1	46	1	650	2							
			Total	39	100	2,606	100	3,729	100	41,480	100							
7. How much has you	ur experience at th	is inst	itution contributed to	vour knowled	lge, sk	ills, and nerso	nal d	levelonmen	t in the	following	areas?							
a. Writing clearly and	pgwrite	1	Very little	1	2	188	7	194	5	2,250	5							
effectively		2	Some	10	24	572	22	752	20	8,579	20							
		3	Quite a bit	21	50	996	38	1,444	38	16,055	38	3.0	3.0	02	3.1	13	3.0	11
		4	Very much	10	24	882	33	1,381	37	15,107	36							
			Total	42	100	2,638	100	3,771	100	41,991	100							
b. Speaking clearly and	pgspeak	1	Very little	0	0	199	8	228	6	2,553	6							
effectively		2	Some	13	31	554	21	778	21	8,462	20							
		3	Quite a bit	20	48	964	37	1,397	37	15,505	37	2.9	3.0	08	3.0	14	3.0	15
		4	Very much	9	21	908	35	1,353	36	15,325	37							
			Total	42	100	2,625	100	3,756	100	41,845	100							
c. Thinking critically and	pgthink	1	Very little	1	2	93	4	103	3	1,067	3							
analytically		2	Some	6	14	392	15	498	13	5,914	14							
		3	Quite a bit	23	55	1,021	39	1,468	39	15,941	38	3.1	3.2	14	3.3	21	3.3	21
		4	Very much	12	29	1,121	43	1,686	45	18,920	45							
			Total	42	100	2,627	100	3,755	100	41,842	100							
d. Analyzing numerical	pganalyze	1	Very little	1	2	117	4	190	5	1,936	5							
and statistical		2	Some	8	19	498	19	801	21	8,637	21							
information		3	Quite a bit	24	57	1,015	39	1,428	38	15,699	38	3.0	3.1	15	3.0	07	3.1	11
		4	Very much	9	21	1,001	38	1,336	36	15,555	37							
			Total	42	100	2,631	100	3,755	100	41,827	100							



**Frequencies and Statistical Comparisons: Business** 

Seniors <sup>a</sup> in						Frequency	Distributio	ns				St	atistical	Comparis	sons <sup>k</sup>		
Business													Y	our seniors c	compared v	vith	
									NSSE 2014	4 &	ACII						
	Variable			ASU		Southwest Publi	c Carnegie	Class	2015		ASU	Southwe	est Public	Carnegi		NSSE 201	4 & 2015 Effect
Item wording or description	name <sup>I</sup>	Values <sup>r</sup>	Response options	Count	%	Count	6 Count	%	Count	%	Mean	Mean	Effect size <sup>n</sup>	Mean	Effect size "	Mean	size"
e. Acquiring job- or work-	pgwork	1	Very little	3	7	176	7 247	7	2,612	6							
related knowledge and		2	Some	10	24	486 1	8 764	20	8,186	20							
skills		3	Quite a bit	14	34	962 3	7 1,359	36	14,693	35	3.0	3.1	13	3.0	09	3.1	13
		4	Very much	14	34	1,010 3	8 1,395	37	16,427	39							
			Total	41	100	2,634 10	0 3,765	100	41,918	100							
f. Working effectively	pgothers	1	Very little	2	5	148	6 190	5	1,819	4							
with others		2	Some	9	21	513 2	0 722	19	7,579	18							
		3	Quite a bit	18	43	914 3	5 1,386	37	15,146	36	3.0	3.1	10	3.1	11	3.1	17
		4	Very much	13	31	1,049 4	0 1,458	39	17,266	41							
			Total	42	100	2,624 10	0 3,756	100	41,810	100							
g. Developing or	pgvalues	1	Very little	5	12	309 1	2 384	10	4,096	10							
clarifying a personal code of values and		2	Some	6	14	651 2	5 928	25	10,189	24							
ethics		3	Quite a bit	20	48	849 3	2 1,260	34	13,984	33	2.9	2.8	.05	2.9	.02	2.9	.00
cuncy		4	Very much	11	26	814 3	1 1,188	32	13,580	32							
			Total	42	100	2,623 10	0 3,760	100	41,849	100							
h. Understanding people	pgdiverse	1	Very little	6	14	292 1	1 390	10	4,374	10							
of other backgrounds (economic,		2	Some	14	33	747 2	8 1,142	30	11,674	28							
racial/ethnic, political,		3	Quite a bit	12	29	821 3	1 1,211	32	13,707	33	2.6	2.8	17	2.8	14	2.8	19
religious, nationality,		4	Very much	10	24	772 2	9 1,015	27	12,137	29							
etc.)			Total	42	100	2,632 10	0 3,758	100	41,892	100							
i. Solving complex real-	pgprobsolve	1	Very little	3	7	259 1	0 348	9	3,676	9							
world problems		2	Some	15	36	725 2	8 1,053	28	11,242	27							
		3	Quite a bit	18	43	941 3	6 1,363	36	15,112	36	2.6	2.8	16	2.8	17	2.8	21
		4	Very much	6	14	706 2	7 994	26	11,843	28							
			Total	42	100	2,631 10	0 3,758	100	41,873	100							
j. Being an informed and	pgcitizen	1	Very little	3	7	386 1			5,192	12							
active citizen		2	Some	16	38	788 3	0 1,109	30	12,270	29							
		3	Quite a bit	15	36	836 3	2 1,242	33	13,760	33	2.7	2.6	.03	2.7	03	2.7	04
		4	Very much	8	19	607 2	3 919	25	10,420	25							
			Total	42	100	2,617 10	0 3,738	100	41,642	100							



Frequencies and Statistical Comparisons: Business

Seniors <sup>a</sup> in					Frequer	ncy D	istributior	าร				St	atistical	Comparis	sons <sup>k</sup>			
Business														Y	our seniors c	compared v	vith	
Dusiness										NSSE 2014	4 &							
				ASU		Southwest P	ublic	Carnegie C	lass	2015		ASU	Southwe	est Public	Carnegi	e Class	NSSE 201	
Item wording or description	Variable name <sup>I</sup>	Values	<sup>m</sup> Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size "	Mean	Effect size "	Mean	Effect size "
						Count	70	Count	70	Count	70	Weali	Wiedii	3120	Wieum	3120	ivicuii	3126
18. How would you ev	valuate your enti	re educa	itional experience at th	is institution	?													
	evalexp	1	Poor	2	5	59	2	68	2	857	2							
		2	Fair	4	10	289	11	393	10	4,392	10							
		3	Good	18	43	1,176	45	1,761	47	18,907	45	3.2	3.3	04	3.3	05	3.3	06
		4	Excellent	18	43	1,112	42	1,564	41	17,921	43							
			Total	42	100	2,636	100	3,786	100	42,077	100							
19. If you could start	over again, woul	d you go	to the same institution	n you are nov	w atte	ending?												
	sameinst	1	Definitely no	2	5	109	4	168	4	1,806	4							
		2	Probably no	4	10	272	10	511	13	5,341	13							
		3	Probably yes	20	48	1,046	40	1,542	41	16,423	39	3.2	3.3	10	3.2	.00	3.2	05
		4	Definitely yes	16	38	1,213	46	1,568	41	18,575	44							
			Total	42	100	2,640	100	3,789	100	42,145	100							



usiness					First-Y	ear :	Students	a						Seni	ors <sup>a</sup>			
									NSSE 2014	1 &							NSSE 201	.4 &
			ASU		Southwest P	ublic	Carnegie Cl	lass	2015		ASU		Southwest F	ublic	Carnegie C	lass	2015	
Item wording	Variable																	
or description  a. How many majors	name s do MAJnum	Response options One	Count 45	% 88	Count 960	80	1,701	% 81	21,486	<del>%</del> 80	Count			% 85	3,118	% 82	34,961	83
you plan to compl									-		4.	) (	,				-	
(Do not count min		More than one Total	6 51	12 100	243 1,203	20 100	409 2,110	19 100	5,250 26,736	20 100	42	,		15 100	681 3,799	18 100	7,316 42,277	1′ 100
First major or exp		Arts & Humanities	0								4.							
first major, in NSS	SF's	Biological Sci., Agriculture,	U	0	0	0	0	0	0	0	,	) (	0	0	0	0	0	
default related-ma	ior (Recoded from	& Natural Resources	0	0	0	0	0	0	0	0	(	) (	0	0	0	0	0	
categories.	MAJfirst.)	Physical Sci., Mathematics,	0	0	0	0	0	0	0	0			0	0	0	0	0	
(Does not reflect o	anv	& Computer Science	0	U	U	0	U	U	Ü	U	,	, (	, 0	U	0	U	Ü	
customization ma	•	Social Sciences	0	0	0	0	0	0	0	0	(	) (	0	0	0	0	0	
for the Major Fiel		Business	51	100	1,203	100	2,110	100	26,736	100	42	100	2,649	100	3,799	100	42,277	10
Report)		Communications, Media,	0	0	0	0	0	0	0	0	(	) (	0	0	0	0	0	
		& Public Relations Education	0	0	0	0	0	0	0	0		) (	0	0	0	0	0	
		Engineering	0	0	0	0	0	0	0	0		) (		0	0	0	0	
		Health Professions	0	0	0	0	0	0	0	0		) (		0	0	0	0	
		Social Service Professions	0	0	0	0	0	0	0	0		) (	,	0	0	0	0	
		All Other	0	0	0	0	0	0	0	0		,	0	0	0	0	0	
		Undecided, Undeclared	0	0	0	0	0	0	0	0		) (	,	0	0	0	0	
		Total	51	100	1,203	100	2,110	100	26,736	100	42	`	, o	100	3,799	100	42,277	10
Second major or	MAJsecondcol	Arts & Humanities	2	33	16	7	60	15	561	11				4	53	8	503	10
expected second r	major	Biological Sci., Agriculture,										`						
in NSSE's default	(Recoded from MAJsecond.)	& Natural Resources	0	0	6	2	4	1	66	1	(	) (	7	2	3	0	60	
related-major	MAJSecond.)	Physical Sci., Mathematics,	1	17	11	5	14	3	170	3	(	) (	10	3	17	3	156	
categories.		& Computer Science																
(Does not reflect of	any	Social Sciences	0	0	21	9	41	10	575	11		,		5	70	10	661	
customization mad	de	Business Communications, Media,	2	33	147	61	208	51	2,975	57	(	) (	281	72	418	62	4,728	6
for the Major Fiel	ld	& Public Relations	0	0	5	2	18	4	201	4	(	) (	3	1	26	4	186	
Report)		Education	0	0	4	2	5	1	57	1	(	) (	5	1	7	1	83	
		Engineering	0	0	5	2	7	2	56	1		) (	) 4	1	4	1	63	
		Health Professions	1	17	2	1	10	2	96	2		) (	13	3	22	3	194	
		Social Service Professions	0	0	8	3	15	4	142	3		) (		2	15	2	153	
		All Other	0	0	11	5	20	5	239	5		) (	23	6	32	5	397	
		Undecided, Undeclared	0	0	5	2	6	1	87	2		) (		1	11	2	78	
		Total	6	100	241	100	408	100	5,225	100		) (	392	100	678	100	7,262	-



Βι	siness					First-Y	'ear	Students	а						Seni	ors <sup>a</sup>			
										NSSE 2014	1 &							NSSE 2014	1 &
				ASU		Southwest P	ublic	Carnegie C	lass	2015		ASU		Southwest P	ublic	Carnegie C	lass	2015	
	Item wording	Variable																	
21.	or description What is your class	class	Response options Freshman/First-year	Count 37	73		% 81	1,764	% 84	Count	86	Count	2	Count 7	0	Count 9	0	Count 68	<del>%</del> 0
21.	level?	Class	Sophomore	13	25		16	250	12	22,682 2,869	86 11	0	0	14	1	17	0	197	0
			Junior	13	23		2	40	2	530	2	0	0	193	7	209	6	2,575	6
			Senior	0	0		1	19	1	200	1	39	93	2,363	90	3,458	91	38,223	91
			Unclassified	0	0		1	22	1	210	1	2	5	2,303 49	2	92	2	918	2
			Total	51	100	· ·	100	2,095	100	26,491	100	42	100	2,626	100	3,785	100	41,981	100
22.	Thinking about this	fulltime	No	2	4	55	5	113	5	1,224	5	10	24	714	27	868	23	8,786	21
	current academic term,		Yes	48	96		95	1,975	95	25,204	95	31	76		73	2,894	77	33,036	79
	are you a full-time		Total	50	100	*	100	2,088	100	26,428	100	41	100	2,625	100	3,762	100	41,822	100
	student?		Total	30	100	1,107	100	2,000	100	20,120	100	11	100	2,023	100	3,702	100	11,022	100
23a.	How many courses are	coursenum	0	0	0	3	0	13	1	107	0	5	12	67	3	105	3	1,206	3
	you taking for credit		1	1	2	6	1	34	2	366	1	0	0	113	4	211	6	2,011	5
	this current academic		2	0	0	9	1	46	2	627	2	3	7	297	11	461	12	4,198	10
	term?		3	1	2	38	3	86	4	979	4	2	5	312	12	441	12	4,939	12
			4	8	16	273	23	522	25	6,107	23	12	29	855	33	996	26	11,593	28
			5	23	45	557	47	924	44	11,358	43	17	41	609	23	855	23	10,176	24
			6	13	25	206	17	310	15	4,748	18	2	5	228	9	476	13	5,013	12
			7 or more	5	10	103	9	159	8	2,212	8	0	0	148	6	238	6	2,830	7
			Total	51	100	1,195	100	2,094	100	26,504	100	41	100	2,629	100	3,783	100	41,966	100
b	Of these, how many are	onlinenum	0	38	75	881	74	1,731	83	21,472	81	26	63	1,417	54	2,304	61	27,263	65
	entirely online?		1	8	16	212	18	226	11	2,950	11	12	29	551	21	726	19	7,325	18
			2	2	4	62	5	62	3	959	4	3	7	311	12	350	9	3,486	8
			3	2	4	21	2	29	1	365	1	0	0	163	6	183	5	1,645	4
			4	1	2	6	1	19	1	279	1	0	0	103	4	109	3	1,030	2
			5	0	0	2	0	4	0	88	0	0	0	45	2	43	1	381	1
			6	0	0	2	0	6	0	69	0	0	0	13	0	29	1	257	1
			7 or more	0	0	2	0	7	0	211	1	0	0	14	1	24	1	424	1
			Total	51	100	1,188	100	2,084	100	26,393	100	41	100	2,617	100	3,768	100	41,811	100
	Collapsed recode of	onlinecrscol	No courses taken online	38	75	881	74	1,729	83	21,452	81	26	63	1,417	54	2,303	61	27,251	65
	courses taken online		Some courses taken online	12	24	289	24	288	14	3,617	14	15	37	887	34	954	25	9,583	23
	(Based on responses to		All courses taken online	1	2	18	2	63	3	1,281	5	0	0	313	12	507	13	4,942	12
	coursenum <i>and</i> onlinenum)		Total	51	100	1,188	100	2,080	100	26,350	100	41	100	2,617	100	3,764	100	41,776	100
	Ominenum)																		



Business					First-Y	ear :	Students	a						Seni	ors <sup>a</sup>			
									NSSE 2014	l &							NSSE 2014	4 &
the area and the area.	Variable		ASU		Southwest P	ublic	Carnegie C	lass	2015		ASU		Southwest P	ublic	Carnegie C	ass	2015	
Item wording or description	name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
24. What have most of your	grades	C- or lower	2	4	22	2	32	2	339	1	1	2	21	1	9	0	123	0
grades been up to now		C	4	8	39	3	60	3	685	3	0	0	53	2	55	1	757	2
at this institution?		C+	1	2	76	6	101	5	1,155	4	6	14	137	5	118	3	1,659	4
		B-	5	10	70	6	134	6	1,704	6	3	7	218	8	256	7	2,871	7
		В	13	25	225	19	410	20	5,006	19	10	24	572	22	668	18	8,389	20
		B+	6	12	226	19	382	18	5,102	19	4	10	487	19	790	21	8,522	20
		A-	6	12	213	18	448	21	5,568	21	8	19	443	17	751	20	8,444	20
		A	14	27	325	27	530	25	6,982	26	10	24	701	27	1,139	30	11,247	27
		Total	51	100	1,196	100	2,097	100	26,541	100	42	100	2,632	100	3,786	100	42,012	100
25. Did you begin college	begincol	Started here	42	82	1,046	88	1,834	88	23,680	89	22	52	928	35	1,838	49	20,971	50
at this institution or		Started elsewhere	9	18	146	12	257	12	2,780	11	20	48	1,703	65	1,940	51	20,981	50
elsewhere?		Total	51	100	1,192	100	2,091	100	26,460	100	42	100	2,631	100	3,778	100	41,952	100
26. Since graduating from	attend_voc	Vocational or technical school	2	4	45	4	77	4	974	4	0	0	219	8	383	10	3,487	8
high school, which of	attend_com	Community or junior college	9	18	161	14	180	9	2,217	8	20	48	1,704	65	1,605	43	18,025	43
the following types of schools have you	attend_col	4-year college or university other than this one	5	10	129	11	243	12	2,780	11	11	26	804	31	1,145	30	11,636	28
attended other than the	attend_none	None	36	71	851	72	1,576	76	20,279	77	16	38	540	21	1,367	36	15,553	37
one you are now attending? (Select all that apply.)	attend_other	Other	1	2	36	3	84	4	1,034	4	1	2	74	3	155	4	1,612	4
27. What is the highest level of education you	edaspire	Some college but less than a bachelor's degree	1	2	51	4	107	5	1,280	5	0	0	109	4	177	5	1,737	4
ever expect to		Bachelor's degree (B.A., B.S., etc.)	22	44	444	37	929	45	10,155	38	16	38	983	37	1,499	40	15,924	38
complete?		Master's degree (M.A., M.S., etc.)	24	48	576	49	888	43	12,821	49	24	57	1,282	49	1,807	48	20,671	49
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	3	6	115	10	162	8	2,132	8	2	5	250	10	287	8	3,536	8
		Total	50	100	1,186	100	2,086	100	26,388	100	42	100	2,624	100	3,770	100	41,868	100



Rı	ısiness					First-V		Students	a	te omi					Seni	ors <sup>a</sup>			
	15111055					11136 1	cui	Students		NSSE 2014	۱.&				JC111	013		NSSE 2014	4 &
				ASU	9	Southwest P	ublic	Carnegie Cl	ass	2015	. ω	ASU		Southwest P	ublic	Carnegie C	lass	2015	. α
	Item wording	Variable																	
28.	or description  What is the highest	name parented	Response options  Did not finish high school	Count 7	% 14	Count 93	% 8	Count 79	<u>%</u> 4	1,386	<u>%</u> 5	Count 5	12		10	Count 196	5	2,701	6
-0.	level of education	paremea	High school diploma or G.E.D.	10	20	215	18	377	18	4,520	17	12	29		22	913	24	8,988	21
	completed by either of		Attended college, but did not															-	
	your parents (or those		complete degree	5	10	137	12	254	12	2,743	10	5	12	351	13	464	12	4,891	12
	who raised you)?		Associate's degree (A.A., A.S., etc.)	4	8	104	9	226	11	2,398	9	3	7	239	9	451	12	4,282	10
			Bachelor's degree (B.A., B.S., etc.)	16	32	347	29	649	31	8,181	31	11	26	698	27	1,065	28	12,016	29
			Master's degree (M.A., M.S., etc.)	7	14	231	19	401	19	5,510	21	6	14	381	15	543	14	6,744	16
			Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	1	2	64	5	102	5	1,694	6	0	0	118	4	150	4	2,284	5
			Total	50	100	1,191	100	2,088	100	26,432	100	42	100	2,627	100	3,782	100	41,906	100
	First-generation status	firstgen	Not first-generation	24	48	642	54	1,152	55	15,385	58	17	40	1,197	46	1,758	46	21,044	50
	(No parent holds a	(Recoded from	First-generation	26	52	549	46	936	45	11,047	42	25	60	1,430	54	2,024	54	20,862	50
	bachelor's degree)	parented)	Total	50	100	1,191	100	2,088	100	26,432	100	42	100	2,627	100	3,782	100	41,906	100
29.	What is your gender	genderid	Man	24	47	451	38	911	44	11,151	42	21	50	1,079	41	1,629	43	18,097	43
	identity?		Woman	27	53	726	61	1,166	56	15,032	57	20	48	1,499	57	2,082	55	23,243	56
			Another gender identity	0	0	2	0	2	0	35	0	0	0	2	0	4	0	41	0
			I prefer not to respond	0	0	10	1	15	1	221	1	1	2	. 36	1	60	2	483	1
			Total	51	100	1,189	100	2,094	100	26,439	100	42	100	2,616	100	3,775	100	41,864	100
30.	Enter your year of birth	agecat	19 or younger	43	86	1,017	86	1,721	82	21,998	83	1	2	11	0	9	0	109	0
	(e.g., 1994):	(Recoded	20-23	4	8	102	9	184	9	2,122	8	31	74	1,205	46	2,005	53	23,558	57
		from the	24-29	2	4	17	1	46	2	621	2	5	12	550	21	612	16	6,795	16
		information	30-39	1	2	29	2	55	3	784	3	4	10	429	16	479	13	5,325	13
		entered in	40-55	0	0	19	2	73	3	746	3	1	2	356	14	573	15	5,187	12
		birthyear)	Over 55	0	0	2	0	8	0	93	0	0	0	56	2	75	2	629	2
			Total	50	100	1,186	100	2,087	100	26,364	100	42	100	2,607	100	3,753	100	41,603	100
31a.	Are you an	internat	No	47	94	1,080	91	1,865	90	23,770	90	40	95	2,413	92	3,500	94	38,698	93
	international student?		Yes	3	6	103	9	217	10	2,510	10	2	5	197	8	241	6	2,904	7
			Total	50	100	1,183	100	2,082	100	26,280	100	42	100	2,610	100	3,741	100	41,602	100
	International student	countrycol	Africa Sub-Saharan	0	0	5	6	15	15	86	7	1	50	12	7	11	11	88	6
	country of citizenship,	(D. 1.16	Asia	3	100	47	54	29	30	627	51	0	0	89	54	43	44	761	53
	collapsed into regions by NSSE. Responses to	(Recoded from	Canada	0	0	4	5	5	5	36	3	0	0	3	2	8	8	40	3
	country are in the data	country.)	Europe	0	0	14	16	25	26	222	18	1	50	11	7	16	16	196	14
	file. U.S. (domestic)		Latin America and Caribbean	0	0	15	17	20	20	179	15	0	0	36	22	17	18	225	16
	students did not receive		Middle East and North Africa	0	0	1	1	1	1	67	5	0	0	13	8	2	2	102	7
	this question.		Oceania	0	0	1	1	3	3	17	1	0	0	0	0	0	0	11	1
			Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Total	3	100	87	100	98	100	1,234	100	2	100	164	100	97	100	1,423	100



Βι	ısiness			First-Y	'ear	Students <sup>6</sup>	a		<b>Seniors</b> <sup>a</sup>										
									NSSE 2014 &								NSSE 201	4 &	
		Variable		ASU		Southwest Public		Carnegie Class		2015		ASU		Southwest Public		Carnegie Class		2015	_
	Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
32.	What is your racial or ethnic identification? (Select all that apply.)	re_amind	American Indian or Alaska Native	2	4	53	4	46	2	515	2	1	2	120	5	62	2	726	2
		re_asian	Asian	6	12	157	13	169	8	3,290	12	1	2	267	10	243	6	4,338	10
		re_black	Black or African American	2	4	121	10	263	13	2,713	10	2	5	180	7	369	10	3,961	ç
		re_latino	Hispanic or Latino	18	35	343	29	220	11	3,202	12	11	26	692	26	325	9	4,501	1
		re_pacific	Native Hawaiian or Other Pacific Islander	0	0	12	1	23	1	268	1	0	0	16	1	25	1	338	
		re_white	White	28	55	611	51	1,450	69	17,300	65	27	64	1,433	55	2,740	73	28,216	6
		re_other	Other	0	0	26	2	47	2	635	2	0	0	59	2	65	2	947	2
		re_pnr	I prefer not to respond	3	6	27	2	52	2	833	3	1	2	89	3	155	4	1,572	4
	Racial or ethnic	re_all	American Indian or Alaska Native	0	0	23	2	15	1	145	1	1	2	56	2	21	1	236	
	identification	(Recoded from	Asian	5	10	127	11	134	6	2,780	11	1	2	241	9	203	5	3,744	9
		re_amind	Black or African American	1	2	96	8	222	11	2,204	8	2	5	153	6	330	9	3,456	:
		through	Hispanic or Latino	13	25	272	23	160	8	2,343	9	10	24	570	22	246	7	3,495	
		re_pnr	Native Hawaiian/Other Pac. Islander	0	0	3	0	6	0	86	0	0	0	5	0	11	0	131	
		where each student is	White	22	43	494	41	1,327	63	15,744	60	26	62	1,255	48	2,587	68	26,345	6
		represented only	Other	0	0	17	1	26	1	372	1	0	0	48	2	42	1	607	
		once)	Multiracial	7	14	132	11	149	7	1,930	7	1	2	206	8	182	5	2,291	
			I prefer not to respond	3	6	27	2	52	2	833	3	1	2	89	3	155	4	1,572	
			Total	51	100	1,191	100	2,091	100	26,437	100	42	100	2,623	100	3,777	100	41,877	10
3.	Are you a member of a	greek	No	45	88	992	84	1,889	91	23,096	88	36	86	2,295	88	3,358	89	36,352	8
	social fraternity or		Yes	6	12	193	16	195	9	3,262	12	6	14	319	12	400	11	5,396	1
	sorority?		Total	51	100	1,185	100	2,084	100	26,358	100	42	100	2,614	100	3,758	100	41,748	100
34.	Which of the following	living	Dormitory or other campus housing	28	55	619	52	1,345	65	16,690	63	9	21	140	5	552	15	5,120	1:
	best describes where		(not fraternity or sorority house)		0	10	2				,	0	0	20	,			565	
	you are living while attending college?		Fraternity or sorority house Residence (house, apartment, etc.)	0	0	19	2	11	1	215	1	0	0	28	1	33	1	565	
	attending conege:		within walking distance to the	4	8	156	13	156	7	2,085	8	4	10	395	15	664	18	9,232	2
			institution							_,								-,	
			Residence (house, apartment, etc.)																
			farther than walking distance	18	35	355	30	510	24	6,327	24	29	69	1,953	74	2,275	60	24,682	5
			to the institution  None of the above	1	2	27	2	(2	2	1.066	4	0	0	107	4	246	7	2 220	
			Total	-	100	1 196	3 100	63	3 100	1,066	4 100	42	100		100	246 3,770	100	2,228	10
5.	Are you a student-	athlete	No	51 46	90	1,186	94	2,085 1,724	83	26,383	88	42	98		98	3,421	91	41,827 38,842	9:
J.	athlete on a team	aunete	Yes	46 5	10	1,113	94 6	355	83 17	3,211	12	41	98	1	2	3,421	91	2,737	9.
	sponsored by your		Total	51	100	1,179	100	2,079	100	26,278	100	42	100		100	3,758	100	41,579	100
	institution's athletics department?		10141	31	100	1,1/9	100	2,079	100	20,278	100	42	100	2,000	100	3,738	100	41,3/9	100



Business			First-\		Students		Seniors <sup>a</sup>											
Dasiness					11150	cui	Jeauciies	'	NSSE 2014	۱ &				JC111	013		NSSE 201	4 &
			ASU		Southwest P	ublic	Carnegie C	lass	2015	·u	ASU		Southwest P	ublic	Carnegie C	lass	2015	+ α
Item wording	Variable																	
or description  36. Are you a current of	name	Response options	Count	%	Count	%	Count	%	Count	<u>%</u>	Count	%		%	Count	%	Count	%
<ol> <li>Are you a current of former member of</li> </ol>		No	49	96	1,157	98	2,021	98	25,603	98	40	98	,	92	3,407	91	38,812	93
U.S. Armed Forces		Yes Total	2 51	100	21 1,178	2 100	50 2,071	2 100	654	2 100	41	100		8 100	348 3,755	9	2,829 41,641	7 100
Reserves, or Natio	nal	Total	31	100	1,1/6	100	2,0/1	100	26,257	100	41	100	2,011	100	3,733	100	41,041	100
Guard?																		
37a. Have you been	disability	No	46	90	1,093	92	1,893	91	24,029	91	37	88	,	89	3,384	90	37,679	90
diagnosed with any disability or	y	Yes	3	6	67	6	129	6	1,614	6	0	0	205	8	263	7	2,964	7
impairment?		I prefer not to respond	2	4	26	2	60	3	741	3	5	12		3	120	3	1,178	3
		Total	51	100	1,186	100	2,082	100	26,384	100	42	100	2,620	100	3,767	100	41,821	100
b. [If answered "yes" Which of the follow	die cence	A sensory impairment (vision or hearing)	0	0	14	21	20	16	254	16	0	0	34	17	42	16	435	15
has been diagnosed		A mobility impairment	1	33	10	15	14	11	139	9	0	0	40	20	43	16	434	15
(Select all that app	ly.) dis_learning	A learning disability (e.g., ADHD, dyslexia)	1	33	29	44	64	50	878	55	0	0	77	38	97	37	1,266	43
	dis_mental	A mental health disorder	0	0	17	26	26	20	338	21	0	0	45	22	61	23	672	23
	dis_other	A disability or impairment not listed above	2	67	12	18	26	20	309	19	0	0	64	31	97	37	812	28
Disability or	disability_all	A sensory impairment	0	0	9	1	13	1	167	1	0	0	17	1	29	1	267	1
impairment	(Recoded from	A mobility impairment	0	0	6	1	9	0	82	0	0	0	22	1	12	0	241	1
	disability and	A learning disability	1	2	21	2	54	3	692	3	0	0	54	2	67	2	962	2
	dis_sense	A mental health disorder	0	0	11	1	15	1	187	1	0	0	27	1	29	1	376	1
	through	A disability or impairment not listed	1	2	7	1	18	1	214	1	0	0	42	2	62	2	567	1
	dis_other where each student is	impairment	1	2	12	1	18	1	260	1	0	0	43	2	62	2	536	1
	represented onl once)	y No disability or impairment	46	90	1,093	92	1,893	91	24,029	91	37	88	2,344	89	3,384	90	37,679	90
	once)	Prefer not to respond	2	4	26	2	60	3	741	3	5	12	71	3	120	3	1,178	3
		Total	51	100	1,185	100	2,080	100	26,372	100	42	100	2,620	100	3,765	100	41,806	100
38. Which of the follow	wing sexorient14	Heterosexual	47	92	331	87	719	89	9,742	90	35	83	761	87	1,433	91	15,157	89
best describes you		Gay	1	2	5	1	8	1	117	1	1	2	12	1	12	1	242	1
sexual orientation?		Lesbian	0	0	3	1	5	1	36	0	1	2	4	0	10	1	107	1
(Question		Bisexual	1	2	10	3	21	3	186	2	1	2	19	2	13	1	256	2
administered per		Another sexual orientation	1	2	1	0	5	1	54	0	0	0	3	0	6	0	54	0
institution request	)	Questioning or unsure	0	0	6	2	8	1	104	1	1	2	6	1	7	0	102	1
		I prefer not to respond	1	2	24	6	43	5	641	6	3	7	65	7	91	6	1,132	7
		Total	51	100	380	100	809	100	10,880	100	42	100	870	100	1,572	100	17,050	100



Business					First-Y	ear	Students <sup>6</sup>	a		Seniors <sup>a</sup>										
			ASU		Southwest Public		Carnegie Class		NSSE 2014 & 2015		ASU		Southwest Public Carnegie Cl			lass	NSSE 2014 2015	4 &		
Item wording	Variable																			
or description itution-reported info	name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	9		
ables provided by your inst		SE population file )																		
Institution-reported sex	IRsex	Female	27	53	746	62	1.184	56	15,359	57	20	48	1,529	58	2,139	56	23,765	5		
mstitution-reported sex	IKSCX	Male	24	33 47	457		926			43		52	,		1,660					
		Total		100		38		44	11,372	100	22	100	,	42		44	18,502	1.0		
Institution-reported	IRrace	American Indian or Alaska Native	51	0	1,203	100	2,110	100	26,731	0	42	2		100	3,799	100	42,267	10		
race or ethnicity	intace	Asian	2	4	54	5	12 74	4	1,402	6	1	2	107	2	19 111	3				
,			_	4		-		-	· · · · · ·		1	2					2,042			
		Black or African American	2	4	88	8	203	11	2,076	9	1	2		7	272	8	3,322			
		Hispanic or Latino	18	35	322	29	171	9	2,608	11	11	26		26	250 7	8	3,783	1		
		Native Hawaiian/Other Pac. Islander	0	0	1 47.4	0		0	84	0	0	0	_	0	,	0	126			
		White	23	45	474	42	1,164	61	14,182	59	26	62	· ·	49	2,234	69	23,648	6		
		Other	0	0	0	0	15	1	18	0	0	0	· ·	0	3	0	7			
		Foreign or nonresident alien	3	6	88	8	95	5	1,697	7	2	5		7	122	4	1,895			
		Two or more races/ethnicities	3	6	58	5	51	3	887	4	0	0	49	2	63	2	863			
		Unknown	0	0	18	2	123	6	1,106	5	0	0	65	3	176	5	1,861			
* · · · · · · · · · · · · · · · · · · ·	TD 1	Total	51	100	1,120	100	1,917	100	24,173	100	42	100		100	3,257	100	37,766	10		
Institution-reported class level	IRclass	Freshman/First-Year	51	100	1,203	100	2,110	100	26,736	100	0	0	0	0	0	0	0			
ciass ievei		Sophomore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Junior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Senior	0	0	0	0	0	0	0	0	42	100	,	100	3,799	100	42,277	10		
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Total	51	100	1,203	100	2,110	100	26,736	100	42	100		100	3,799	100	42,277	10		
Institution-reported	IRftfy	No	0	0	190	16	348	16	4,054	15	42	100	,	99	3,799	100	41,962	9		
first-time first-year (FTFY) status		Yes	51	100	1,013	84	1,762	84	22,682	85	0	0		1	0	0	315			
		Total	51	100	1,203	100	2,110	100	26,736	100	42	100	2,649	100	3,799	100	42,277	10		
Institution-reported	IRenrollment	Not full-time	3	6	76	6	112	5	1,401	5	6	14	663	25	873	23	8,105	1		
enrollment status		Full-time	48	94	1,127	94	1,998	95	25,335	95	36	86	1,986	75	2,926	77	34,172	8		
		Total	51	100	1,203	100	2,110	100	26,736	100	42	100	2,649	100	3,799	100	42,277	100		



**Endnotes: Business** 

**Angelo State University** 

#### **Endnotes**

- a. All results are unweighted.
- b. Standard deviation is a measure of the amount the individual scores deviate from the mean of all the scores in the distribution.
- c. Standard error of the mean, used to compute a confidence interval (CI) around the sample mean. For example, the 95% CI is the range of values that is 95% likely to contain the true population mean, equal to the sample mean +/- 1.96 \* SEM.
- d. A percentile is the point in the distribution of student-level EI scores at or below which a given percentage of EI scores fall.
- e. Degrees of freedom used to compute the t-tests. Values differ from Ns due to whether equal variances were assumed.
- f. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance: \*p < .05, \*\*p < .01, \*\*\*p < .001 (2-tailed).
- g. Cohen's d: The mean difference divided by the pooled standard deviation. Effect size indicates the practical importance of an observed difference. For EI comparisons, NSSE research has concluded that an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015). Comparisons with an effect size of at least .3 in magnitude (before rounding) are highlighted in the Overview.
- h. Percentage of students who responded "Done or in progress" except for service-learning which is the percentage who responded that at least "Some" courses included a community-based project.
- i. \*p < .05, \*\*p < .01, \*\*\*p < .001 (z-test comparing participation rates).
- j. Cohen's h: The standardized difference between two proportions. Effect size indicates the practical importance of an observed difference. NSSE research has found that interpretations vary by HIP: For service-learning, internships, study abroad, and culminating senior experiences, an effect size of about .2 may be considered small, .5 medium, and .8 large. For learning community and research with faculty, an effect size of about .1 may be considered small, .3 medium, and .5 large (Rocconi & Gonyea, 2015).
- k. 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.
- 1. Items that make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective and Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- m. 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.
- n. Effect size for independent t-tests uses Cohen's d; z-tests use Cohen's h.
- o. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."

#### 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.

Reference: Rocconi, L., & Gonyea, R. M. (2015). Contextualizing student engagement effect sizes: An empirical analysis. Paper presented at the Association for Institutional Research Annual Forum, Denver, CO.