

# NSSE 2016 Learning with Technology

## Frequencies and Statistical Comparisons

### University of Houston

## Seniors

				Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				Univ of Houston		Publ Over 20K Enrl_T		Univ of Houston	Publ Over 20K Enrl_T	
Item wording or description	Variable name	Values <sup>c</sup>	Response options	Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
1. During the current school year, how much has your use of technology contributed to the following:										
a. Your understanding of course materials and ideas	TEC01a	1	Very little	11	3	213	3	3.4	3.3	.02
		2	Some	59	15	913	12			
		3	Quite a bit	116	28	2,374	32			
		4	Very much	230	55	3,762	52			
		Total	416	100	7,262	100				
b. Demonstrating your understanding of course content	TEC01b	1	Very little	20	5	269	4	3.2	3.2	-.01
		2	Some	51	13	1,103	15			
		3	Quite a bit	144	35	2,426	34			
		4	Very much	194	47	3,420	48			
		Total	409	100	7,218	100				
c. Learning, studying, or completing coursework <b>on your own</b>	TEC01c	1	Very little	7	2	138	2	3.5	3.5	.01
		2	Some	28	7	591	8			
		3	Quite a bit	127	31	2,050	28			
		4	Very much	253	61	4,451	62			
		Total	415	100	7,230	100				
d. Learning, studying, or completing coursework <b>with other students</b>	TEC01d	1	Very little	46	11	614	9	3.0	3.1 *	-.11
		2	Some	88	21	1,392	19			
		3	Quite a bit	116	28	2,056	28			
		4	Very much	164	39	3,151	44			
		Total	414	100	7,213	100				
e. Distracting you from completing your coursework	TEC01e	1	Very little	80	21	1,095	17	2.5	2.6 *	-.11
		2	Some	134	31	2,311	32			
		3	Quite a bit	113	27	1,843	25			
		4	Very much	89	22	1,942	26			
		Total	416	100	7,191	100				
2. During the current school year, how much have your courses improved your understanding and use of technology?										
	TEC02	1	Very little	72	17	1,147	16	2.7	2.6	.05
		2	Some	104	25	2,269	30			
		3	Quite a bit	140	34	2,276	32			
		4	Very much	98	24	1,501	22			
		Total	414	100	7,193	100				
3. During the current school year, about how often have you used the following technologies in your courses?										
a. Electronic textbooks	TEC03a	1	Never	68	16	2,462	33	2.7	2.2 ***	.45
		2	Sometimes	129	31	2,414	32			
		3	Often	93	22	1,179	17			
		4	Very often	128	32	1,182	18			
		—	I don't know what this is	0	0	28	1			
		Total	418	100	7,265	100				
b. Online portfolios or e-portfolios	TEC03b	1	Never	180	44	3,445	46	1.8	1.8	.04
		2	Sometimes	80	19	1,676	24			
		3	Often	46	11	828	11			
		4	Very often	40	10	613	8			
		—	I don't know what this is	71	16	675	10			
		Total	417	100	7,237	100				
c. Blogs	TEC03c	1	Never	262	62	4,125	56			

# NSSE 2016 Learning with Technology

## Frequencies and Statistical Comparisons

### University of Houston

#### Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				Univ of Houston		Publ Over 20K Enrl_T		Univ of Houston	Publ Over 20K Enrl_T	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
		2	Sometimes	89	22	1,953	28	<b>1.6</b>	1.6	-.09
		3	Often	29	7	647	9			
		4	Very often	25	6	391	6			
		—	I don't know what this is	10	2	76	1			
		Total		415	100	7,192	100			
d. Collaborative editing software (Wikis, Google Docs, etc.)	TEC03d	1	Never	74	18	1,353	19	<b>2.6</b>	2.5	.05
		2	Sometimes	130	31	2,297	32			
		3	Often	105	26	1,793	25			
		4	Very often	106	25	1,719	23			
		—	I don't know what this is	3	1	48	1			
		Total		418	100	7,210	100			
e. Multimedia software (drawing, audio or video production, editing, etc.)	TEC03e	1	Never	185	44	3,323	44	<b>2.0</b>	2.0	.02
		2	Sometimes	113	27	1,948	27			
		3	Often	63	16	950	14			
		4	Very often	53	13	919	14			
		—	I don't know what this is	3	1	88	1			
		Total		417	100	7,228	100			
f. Social networking (Facebook, Twitter, etc.)	TEC03f	1	Never	188	45	3,080	44	<b>1.9</b>	2.0	-.01
		2	Sometimes	114	27	2,064	28			
		3	Often	55	14	1,064	14			
		4	Very often	56	13	947	13			
		—	I don't know what this is	3	1	55	1			
		Total		416	100	7,210	100			
g. Mobile computing (handheld devices such as smartphones, tablets, etc.)	TEC03g	1	Never	50	12	1,260	17	<b>2.8</b>	2.7 *	.13
		2	Sometimes	121	29	2,059	28			
		3	Often	99	25	1,705	24			
		4	Very often	147	34	2,184	30			
		—	I don't know what this is	1	0	27	0			
		Total		418	100	7,235	100			

#### 4. During the current school year, about how often have you used technology to communicate with the following people?

a. Students	TEC04a	1	Never	10	3	119	2	<b>3.4</b>	3.5 *	-.11
		2	Sometimes	60	14	714	10			
		3	Often	83	21	1,506	22			
		4	Very often	263	62	4,922	66			
		Total		416	100	7,261	100			
b. Academic advisors	TEC04b	1	Never	84	22	1,305	18	<b>2.4</b>	2.6 ***	-.20
		2	Sometimes	155	37	2,216	31			
		3	Often	94	22	1,652	23			
		4	Very often	82	19	2,077	27			
		Total		415	100	7,250	100			
c. Faculty	TEC04c	1	Never	35	9	358	5	<b>2.7</b>	3.0 ***	-.29
		2	Sometimes	133	33	1,814	26			
		3	Often	140	34	2,316	33			
		4	Very often	104	24	2,728	36			
		Total		412	100	7,216	100			
d. Student services staff (career services, student activities, etc.)	TEC04d	1	Never	198	48	3,083	44			
		2	Sometimes	122	29	2,001	28			

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

## Seniors

				Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				Univ of Houston		Publ Over 20K Enrl_T		Univ of Houston	Publ Over 20K Enrl_T	Effect size <sup>d</sup>
Item wording or description	Variable name	Values <sup>c</sup>	Response options	Count	%	Count	%	Mean	Mean	
d. Other administrative staff and offices (registrar, financial aid, etc.)		3	Often	48	11	927	13	1.9	2.0 *	-.13
		4	Very often	48	11	1,213	16			
		Total	416	100	7,224	100				
e. Other administrative staff and offices (registrar, financial aid, etc.)	TEC04e	1	Never	177	43	2,399	34	1.9	2.1 ***	-.19
		2	Sometimes	146	35	2,625	37			
		3	Often	46	11	1,007	14			
		4	Very often	45	11	1,186	15			
		Total	414	100	7,217	100				
5. How much does your institution emphasize the following?										
a. Teaching with new, cutting-edge technologies	TEC05a	1	Very little	73	18	1,119	16	2.4	2.5	-.08
		2	Some	169	41	2,728	37			
		3	Quite a bit	111	26	2,334	32			
		4	Very much	64	16	1,087	15			
		Total	417	100	7,268	100				
b. Providing technology to help you learn, study, or complete coursework	TEC05b	1	Very little	52	13	786	11	2.6	2.7	-.10
		2	Some	139	33	2,196	30			
		3	Quite a bit	145	35	2,701	37			
		4	Very much	78	19	1,563	22			
		Total	414	100	7,246	100				
c. Teaching you how to use available technologies to learn, study, or complete coursework	TEC05c	1	Very little	70	17	957	13	2.4	2.6 ***	-.19
		2	Some	166	40	2,404	32			
		3	Quite a bit	109	27	2,449	34			
		4	Very much	69	17	1,433	20			
		Total	414	100	7,243	100				
d. Providing support services to assist you with your use of technology	TEC05d	1	Very little	85	21	1,117	16	2.4	2.5 ***	-.19
		2	Some	156	38	2,488	34			
		3	Quite a bit	113	26	2,286	32			
		4	Very much	60	15	1,347	19			
		Total	414	100	7,238	100				