

NSSE 2017 & 2018 Topical Modules

U.S. Summary Frequencies by Class and Carnegie Classification

Learning with Technology

First-Year Students

Seniors

Item wording or description	Variable name	Response options	Doctoral*		Master's		Bacc.		Total		Doctoral*		Master's		Bacc.		Total	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
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	Very little	--	--	69	2	33	4	118	3	--	--	100	2	31	3	150	2
		Some	--	--	480	16	201	18	777	16	--	--	612	12	209	16	931	12
		Quite a bit	--	--	1,300	42	463	43	2,074	42	--	--	1,692	35	456	34	2,488	35
		Very much	--	--	1,187	40	350	35	1,838	39	--	--	2,372	51	628	48	3,508	50
		Total	--	--	3,036	100	1,047	100	4,807	100	--	--	4,776	100	1,324	100	7,077	100
b. Demonstrating your understanding of course content	TEC01b	Very little	--	--	84	3	35	4	138	3	--	--	130	3	36	3	187	3
		Some	--	--	553	19	250	22	913	19	--	--	677	13	241	18	1,049	14
		Quite a bit	--	--	1,409	46	479	46	2,212	46	--	--	1,801	37	492	36	2,652	37
		Very much	--	--	977	33	273	28	1,515	32	--	--	2,138	47	553	42	3,153	46
		Total	--	--	3,023	100	1,037	100	4,778	100	--	--	4,746	100	1,322	100	7,041	100
c. Learning, studying, or completing coursework on your own	TEC01c	Very little	--	--	40	1	21	3	69	2	--	--	58	1	13	1	87	1
		Some	--	--	312	11	124	11	502	11	--	--	392	8	122	9	582	8
		Quite a bit	--	--	1,173	38	452	43	1,891	39	--	--	1,491	31	412	30	2,197	31
		Very much	--	--	1,505	49	449	44	2,336	49	--	--	2,826	60	777	59	4,202	60
		Total	--	--	3,030	100	1,046	100	4,798	100	--	--	4,767	100	1,324	100	7,068	100
d. Learning, studying, or completing coursework with other students	TEC01d	Very little	--	--	231	8	71	8	350	8	--	--	362	8	76	7	501	8
		Some	--	--	728	25	277	26	1,145	24	--	--	881	18	246	19	1,289	18
		Quite a bit	--	--	1,131	37	420	39	1,836	38	--	--	1,563	32	474	34	2,347	33
		Very much	--	--	945	30	278	27	1,473	30	--	--	1,953	41	530	40	2,923	41
		Total	--	--	3,035	100	1,046	100	4,804	100	--	--	4,759	100	1,326	100	7,060	100
e. Distracting you from completing your coursework	TEC01e	Very little	--	--	434	15	127	14	650	14	--	--	894	20	228	18	1,326	20
		Some	--	--	1,193	40	440	43	1,905	40	--	--	1,796	37	501	38	2,600	36
		Quite a bit	--	--	887	29	309	28	1,408	29	--	--	1,230	25	359	26	1,866	26
		Very much	--	--	519	17	173	16	840	17	--	--	854	17	236	17	1,286	18
		Total	--	--	3,033	100	1,049	100	4,803	100	--	--	4,774	100	1,324	100	7,078	100
2. During the current school year, how much have your courses improved your understanding and use of technology?																		
	TEC02	Very little	--	--	458	15	175	16	730	15	--	--	690	15	183	14	1,001	14
Some		--	--	1,100	36	391	36	1,738	36	--	--	1,544	31	484	35	2,353	32	
Quite a bit		--	--	975	31	318	31	1,545	32	--	--	1,444	30	400	30	2,138	30	
Very much		--	--	487	17	158	17	768	17	--	--	1,056	24	254	20	1,535	23	
Total		--	--	3,020	100	1,042	100	4,781	100	--	--	4,734	100	1,321	100	7,027	100	

Note: Results weighted by institution-reported sex, enrollment status, and institution size. Counts are not weighted. Total includes "Other" Carnegie types.

NSSE 2017 & 2018 Topical Modules

U.S. Summary Frequencies by Class and Carnegie Classification

Learning with Technology

First-Year Students

Seniors

Item wording or description	Variable name	Response options	Doctoral*		Master's		Bacc.		Total		Doctoral*		Master's		Bacc.		Total	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
3. During the current school year, about how often have you used the following technologies in your courses?																		
a. Electronic textbooks	TEC03a	Never	--	--	874	28	292	26	1,275	25	--	--	1,492	30	430	32	2,114	28
		Sometimes	--	--	1,038	35	369	34	1,658	35	--	--	1,593	33	445	35	2,362	34
		Often	--	--	650	21	241	24	1,107	23	--	--	854	18	230	18	1,323	19
		Very often	--	--	456	15	138	15	738	16	--	--	817	18	215	16	1,251	19
		I don't know what this is	--	--	17	1	9	1	31	1	--	--	15	0	2	0	21	0
		Total	--	--	3,035	100	1,049	100	4,809	100	--	--	4,771	100	1,322	100	7,071	100
b. Online portfolios or e-portfolios	TEC03b	Never	--	--	1,278	43	452	42	2,015	42	--	--	2,076	43	568	42	2,987	42
		Sometimes	--	--	750	24	269	27	1,200	25	--	--	1,105	23	330	25	1,731	25
		Often	--	--	375	12	88	10	554	12	--	--	574	12	151	11	864	12
		Very often	--	--	181	6	48	6	282	6	--	--	380	8	128	10	614	9
		I don't know what this is	--	--	447	15	190	16	752	15	--	--	624	14	148	11	865	13
		Total	--	--	3,031	100	1,047	100	4,803	100	--	--	4,759	100	1,325	100	7,061	100
c. Blogs	TEC03c	Never	--	--	1,927	64	713	67	3,125	65	--	--	2,814	59	811	60	4,253	60
		Sometimes	--	--	705	23	240	23	1,089	23	--	--	1,309	28	343	27	1,868	27
		Often	--	--	224	7	58	6	338	7	--	--	358	8	97	8	523	7
		Very often	--	--	124	4	28	3	181	4	--	--	237	5	61	5	347	5
		I don't know what this is	--	--	48	2	7	1	65	2	--	--	41	1	9	1	64	1
		Total	--	--	3,028	100	1,046	100	4,798	100	--	--	4,759	100	1,321	100	7,055	100
d. Collaborative editing software (Wikis, Google Docs, etc.)	TEC03d	Never	--	--	356	12	153	16	642	15	--	--	626	13	209	17	938	14
		Sometimes	--	--	906	30	353	33	1,506	31	--	--	1,280	27	401	32	1,923	28
		Often	--	--	936	31	303	29	1,439	30	--	--	1,281	27	378	28	1,950	27
		Very often	--	--	817	26	231	21	1,188	24	--	--	1,563	33	327	23	2,222	31
		I don't know what this is	--	--	16	1	5	0	26	1	--	--	16	0	6	0	31	1
		Total	--	--	3,031	100	1,045	100	4,801	100	--	--	4,766	100	1,321	100	7,064	100
e. Multimedia software (drawing, audio or video production, editing, etc.)	TEC03e	Never	--	--	1,626	53	571	52	2,529	52	--	--	2,124	44	606	45	3,174	44
		Sometimes	--	--	764	26	289	29	1,257	27	--	--	1,392	30	408	31	2,066	29
		Often	--	--	386	13	118	11	613	13	--	--	633	13	173	13	937	14
		Very often	--	--	217	7	55	6	337	7	--	--	574	12	127	10	828	12
		I don't know what this is	--	--	35	1	13	1	57	1	--	--	40	1	6	1	53	1
		Total	--	--	3,028	100	1,046	100	4,793	100	--	--	4,763	100	1,320	100	7,058	100

Note: Results weighted by institution-reported sex, enrollment status, and institution size. Counts are not weighted. Total includes "Other" Carnegie types.

NSSE 2017 & 2018 Topical Modules

U.S. Summary Frequencies by Class and Carnegie Classification

Learning with Technology

Item wording or description	Variable name	Response options	First-Year Students								Seniors							
			Doctoral*		Master's		Bacc.		Total		Doctoral*		Master's		Bacc.		Total	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
f. Social networking (Facebook, Twitter, etc.)	TEC03f	Never	--	--	1,220	43	474	46	1,957	42	--	--	1,906	42	485	37	2,720	41
		Sometimes	--	--	827	27	309	28	1,325	27	--	--	1,457	30	411	32	2,132	30
		Often	--	--	474	15	133	13	745	15	--	--	690	14	213	16	1,063	14
		Very often	--	--	501	15	127	13	761	15	--	--	689	14	205	15	1,109	15
		I don't know what this is	--	--	8	0	3	0	13	0	--	--	10	0	6	1	19	0
		Total	--	--	3,030	100	1,046	100	4,801	100	--	--	4,752	100	1,320	100	7,043	100
g. Mobile computing (handheld devices such as smartphones, tablets, etc.)	TEC03g	Never	--	--	352	13	171	15	609	13	--	--	632	14	177	13	906	13
		Sometimes	--	--	1,006	34	382	36	1,623	34	--	--	1,482	31	406	31	2,186	31
		Often	--	--	797	25	249	24	1,236	25	--	--	1,216	26	351	27	1,809	26
		Very often	--	--	873	28	243	26	1,323	28	--	--	1,423	30	384	28	2,138	30
		I don't know what this is	--	--	5	0	3	0	10	0	--	--	7	0	2	0	11	0
		Total	--	--	3,033	100	1,048	100	4,801	100	--	--	4,760	100	1,320	100	7,050	100
4. During the current school year, about how often have you used technology to communicate with the following people?																		
a. Students	TEC04a	Never	--	--	45	2	16	3	67	2	--	--	65	2	21	2	100	2
		Sometimes	--	--	334	12	115	14	529	12	--	--	524	12	131	12	733	11
		Often	--	--	759	25	264	27	1,189	25	--	--	1,025	21	291	23	1,535	22
		Very often	--	--	1,891	61	648	57	3,010	60	--	--	3,145	65	879	64	4,688	65
		Total	--	--	3,029	100	1,043	100	4,795	100	--	--	4,759	100	1,322	100	7,056	100
b. Academic advisors	TEC04b	Never	--	--	188	6	45	6	269	6	--	--	329	7	53	4	441	7
		Sometimes	--	--	1,015	34	345	32	1,595	34	--	--	1,254	27	306	24	1,780	26
		Often	--	--	1,018	33	382	37	1,650	34	--	--	1,475	30	437	33	2,245	31
		Very often	--	--	806	26	273	25	1,282	26	--	--	1,705	36	527	39	2,590	36
		Total	--	--	3,027	100	1,045	100	4,796	100	--	--	4,763	100	1,323	100	7,056	100
c. Faculty	TEC04c	Never	--	--	173	6	56	7	263	6	--	--	174	4	24	2	246	4
		Sometimes	--	--	969	32	306	30	1,513	33	--	--	1,091	23	282	23	1,578	23
		Often	--	--	1,072	35	407	38	1,712	35	--	--	1,624	34	456	34	2,415	34
		Very often	--	--	813	26	276	25	1,307	26	--	--	1,864	39	558	41	2,809	39
		Total	--	--	3,027	100	1,045	100	4,795	100	--	--	4,753	100	1,320	100	7,048	100
d. Student services staff (career services, student activities, housing, etc.)	TEC04d	Never	--	--	774	27	234	24	1,136	25	--	--	1,549	33	405	33	2,263	33
		Sometimes	--	--	1,130	38	411	38	1,819	38	--	--	1,500	31	429	33	2,211	31
		Often	--	--	642	20	242	24	1,057	21	--	--	831	18	239	17	1,246	17
		Very often	--	--	479	16	155	14	776	16	--	--	874	19	247	17	1,327	19
		Total	--	--	3,025	100	1,042	100	4,788	100	--	--	4,754	100	1,320	100	7,047	100

Note: Results weighted by institution-reported sex, enrollment status, and institution size. Counts are not weighted. Total includes "Other" Carnegie types.

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U.S. Summary Frequencies by Class and Carnegie Classification

Learning with Technology

Item wording or description	Variable name	Response options	First-Year Students								Seniors							
			Doctoral*		Master's		Bacc.		Total		Doctoral*		Master's		Bacc.		Total	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
e. Other administrative staff and offices (registrar, financial aid, etc.)	TEC04e	Never	--	--	694	24	222	22	1,043	23	--	--	1,005	21	249	19	1,483	22
		Sometimes	--	--	1,243	41	467	44	2,017	42	--	--	1,981	41	552	42	2,882	40
		Often	--	--	611	20	224	22	994	20	--	--	923	19	270	21	1,380	20
		Very often	--	--	470	16	131	12	731	15	--	--	840	18	245	18	1,290	18
		Total	--	--	3,018	100	1,044	100	4,785	100	--	--	4,749	100	1,316	100	7,035	100
5. How much does your institution emphasize the following?																		
a. Teaching with new, cutting-edge technologies	TEC05a	Very little	--	--	477	16	177	15	737	15	--	--	811	17	233	17	1,174	16
		Some	--	--	1,247	40	456	41	1,983	40	--	--	1,870	38	490	37	2,703	38
		Quite a bit	--	--	963	32	308	33	1,536	33	--	--	1,476	32	391	30	2,190	32
		Very much	--	--	334	12	101	11	530	11	--	--	582	13	196	16	951	14
		Total	--	--	3,021	100	1,042	100	4,786	100	--	--	4,739	100	1,310	100	7,018	100
b. Providing technology to help you learn, study or complete coursework	TEC05b	Very little	--	--	267	9	88	8	414	9	--	--	537	11	145	11	776	11
		Some	--	--	945	31	333	30	1,483	31	--	--	1,552	32	383	29	2,212	31
		Quite a bit	--	--	1,228	40	422	42	1,946	41	--	--	1,752	37	495	37	2,592	37
		Very much	--	--	569	19	193	20	917	19	--	--	903	19	295	23	1,450	21
		Total	--	--	3,009	100	1,036	100	4,760	100	--	--	4,744	100	1,318	100	7,030	100
c. Teaching you how to use available technologies to learn, study, or complete coursework	TEC05c	Very little	--	--	305	10	96	8	462	10	--	--	609	13	157	12	881	13
		Some	--	--	1,023	33	365	33	1,618	33	--	--	1,685	34	424	32	2,427	34
		Quite a bit	--	--	1,175	39	411	40	1,874	39	--	--	1,637	35	464	36	2,432	35
		Very much	--	--	514	18	172	18	825	18	--	--	803	18	270	21	1,279	19
		Total	--	--	3,017	100	1,044	100	4,779	100	--	--	4,734	100	1,315	100	7,019	100
d. Providing support services to assist you with your use of technology	TEC05d	Very little	--	--	296	10	71	7	436	10	--	--	708	15	159	12	1,002	14
		Some	--	--	1,031	34	349	33	1,608	33	--	--	1,792	37	469	36	2,607	37
		Quite a bit	--	--	1,149	38	436	41	1,871	39	--	--	1,503	32	444	33	2,251	32
		Very much	--	--	542	19	186	19	864	18	--	--	752	17	245	19	1,178	17
		Total	--	--	3,018	100	1,042	100	4,779	100	--	--	4,755	100	1,317	100	7,038	100

* "--" indicates an insufficient number of institutions in this group

Note: Results weighted by institution-reported sex, enrollment status, and institution size. Counts are not weighted. Total includes "Other" Carnegie types.

NSSE 2017 & 2018 Topical Modules

U.S. Summary Means and Standard Deviations by Class and Carnegie Classification

Learning with Technology

First-Year Students

Seniors

Item wording or description	Variable name	Doctoral*		Master's		Bacc.		Total		Doctoral*		Master's		Bacc.		Total	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
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	--	--	3.18	.79	3.09	.82	3.17	.79	--	--	3.35	.77	3.26	.82	3.34	.77
b. Demonstrating your understanding of course content	TEC01b	--	--	3.08	.79	2.98	.81	3.07	.79	--	--	3.28	.79	3.18	.83	3.26	.80
c. Learning, studying, or completing coursework on your own	TEC01c	--	--	3.36	.73	3.27	.77	3.34	.74	--	--	3.49	.70	3.47	.71	3.49	.70
d. Learning, studying, or completing coursework with other students	TEC01d	--	--	2.89	.93	2.84	.91	2.89	.93	--	--	3.06	.96	3.07	.92	3.07	.95
e. Distracting you from completing your coursework	TEC01e	--	--	2.48	.94	2.46	.92	2.49	.94	--	--	2.39	.99	2.42	.97	2.41	1.00
2. During the current school year, how much have your courses improved your understanding and use of technology?																	
	TEC02	--	--	2.50	.95	2.50	.95	2.50	.94	--	--	2.63	1.00	2.57	.97	2.63	.99
3. During the current school year, about how often have you used the following technologies in your courses?																	
a. Electronic textbooks	TEC03a	--	--	2.24	1.02	2.29	1.02	2.30	1.02	--	--	2.25	1.08	2.17	1.05	2.28	1.07
b. Online portfolios or e-portfolios	TEC03b	--	--	1.77	.93	1.76	.91	1.79	.93	--	--	1.82	.98	1.87	1.01	1.86	.99
c. Blogs	TEC03c	--	--	1.50	.80	1.45	.75	1.49	.79	--	--	1.59	.84	1.56	.83	1.58	.84
d. Collaborative editing software (Wikis, Google Docs, etc.)	TEC03d	--	--	2.71	.99	2.56	.99	2.63	1.00	--	--	2.79	1.04	2.56	1.02	2.75	1.04
e. Multimedia software (drawing, audio or video production, editing, etc.)	TEC03e	--	--	1.74	.94	1.71	.89	1.75	.94	--	--	1.93	1.03	1.89	1.00	1.93	1.03
f. Social networking (Facebook, Twitter, etc.)	TEC03f	--	--	2.03	1.09	1.93	1.05	2.04	1.09	--	--	1.99	1.05	2.08	1.06	2.04	1.07
g. Mobile computing (handheld devices such as smartphones, tablets, etc.)	TEC03g	--	--	2.69	1.01	2.60	1.02	2.68	1.01	--	--	2.71	1.04	2.70	1.02	2.73	1.03

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U.S. Summary Means and Standard Deviations by Class and Carnegie Classification

Learning with Technology

First-Year Students

Seniors

Item wording or description	Variable name	First-Year Students								Seniors							
		Doctoral*		Master's		Bacc.		Total		Doctoral*		Master's		Bacc.		Total	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
4. During the current school year, about how often have you used technology to communicate with the following people?																	
a. Students	TEC04a	--	--	3.45	.79	3.38	.82	3.44	.79	--	--	3.50	.76	3.48	.78	3.50	.76
b. Academic advisors	TEC04b	--	--	2.79	.90	2.82	.88	2.80	.89	--	--	2.95	.95	3.06	.89	2.96	.94
c. Faculty	TEC04c	--	--	2.83	.89	2.81	.89	2.82	.89	--	--	3.09	.88	3.14	.84	3.08	.88
d. Student services staff (career services, student activities, housing, etc.)	TEC04d	--	--	2.25	1.02	2.27	.98	2.28	1.01	--	--	2.22	1.09	2.20	1.08	2.22	1.10
e. Other administrative staff and offices (registrar, financial aid, etc.)	TEC04e	--	--	2.28	1.00	2.24	.93	2.28	.98	--	--	2.34	1.00	2.36	.99	2.34	1.01
5. How much does your institution emphasize the following?																	
a. Teaching with new, cutting-edge technologies	TEC05a	--	--	2.40	.89	2.40	.87	2.41	.88	--	--	2.41	.92	2.43	.95	2.43	.92
b. Providing technology to help you learn, study or complete coursework	TEC05b	--	--	2.70	.89	2.74	.88	2.71	.88	--	--	2.65	.92	2.72	.94	2.67	.93
c. Teaching you how to use available technologies to learn, study, or complete coursework	TEC05c	--	--	2.64	.89	2.68	.87	2.65	.88	--	--	2.57	.93	2.66	.94	2.60	.93
d. Providing support services to assist you with your use of technology	TEC05d	--	--	2.65	.89	2.72	.86	2.66	.88	--	--	2.50	.94	2.60	.93	2.52	.94

*"--" indicates an insufficient number of institutions in this group

Notes: Results weighted by sex, enrollment status, and institution size. See codebook for variable ranges. Categorical items are not listed. Total includes "Other" Carnegie types.

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