

# NSSE 2017 & 2018 Topical Modules

## U.S. Summary Frequencies by Related-Major Category

### Learning with Technology

#### First-Year Students

Item wording or description	Variable name	Response options	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>1. During the current school year, how much has your use of technology contributed to the following:</b>																										
a. Your understanding of course materials and ideas	TEC01a	Very little	17	4	11	2	9	3	10	2	16	3	1	0	9	3	3	1	17	2	7	3	118	3		
		Some	81	19	69	14	40	16	83	19	104	17	24	18	88	18	27	12	143	13	47	22	770	16		
		Quite a bit	190	43	222	42	113	39	200	43	264	44	66	49	190	39	120	51	445	41	92	37	2,067	43		
		Very much	151	34	217	41	105	41	153	36	212	35	47	33	174	40	87	37	469	44	95	38	1,825	39		
		Total	439	100	519	100	267	100	446	100	596	100	138	100	461	100	237	100	1,074	100	241	100	4,780	100		
b. Demonstrating your understanding of course content	TEC01b	Very little	23	5	11	1	14	6	14	3	15	3	1	0	10	3	5	3	21	2	8	4	138	3		
		Some	94	21	97	19	40	15	90	19	121	21	22	16	107	22	44	18	157	15	50	24	906	19		
		Quite a bit	192	44	236	46	127	45	205	44	281	46	73	56	197	42	115	49	512	48	102	41	2,205	46		
		Very much	127	29	172	33	85	34	134	34	175	30	39	28	143	33	73	30	376	35	81	32	1,502	32		
		Total	436	100	516	100	266	100	443	100	592	100	135	100	457	100	237	100	1,066	100	241	100	4,751	100		
c. Learning, studying, or completing coursework <b>on your own</b>	TEC01c	Very little	10	2	6	1	5	2	8	2	5	1	0	0	7	2	1	0	12	2	3	1	69	2		
		Some	43	10	40	9	27	11	51	11	69	13	22	18	43	8	23	10	100	9	28	13	499	11		
		Quite a bit	173	38	201	37	95	36	164	35	257	42	55	41	192	40	102	44	396	38	94	41	1,881	39		
		Very much	212	49	272	52	138	50	223	51	263	45	60	40	216	50	111	46	565	51	117	45	2,322	49		
		Total	438	100	519	100	265	100	446	100	594	100	137	100	458	100	237	100	1,073	100	242	100	4,771	100		
d. Learning, studying, or completing coursework <b>with other students</b>	TEC01d	Very little	36	9	26	6	25	10	39	10	47	9	10	9	27	6	15	6	59	7	28	14	347	8		
		Some	111	26	113	22	73	28	116	25	141	25	35	28	118	26	54	22	215	20	52	21	1,139	24		
		Quite a bit	165	36	202	37	93	35	154	33	243	40	50	34	167	35	102	46	426	40	91	37	1,828	38		
		Very much	126	29	179	35	76	27	137	32	165	26	42	28	149	32	66	26	372	33	71	28	1,463	30		
		Total	438	100	520	100	267	100	446	100	596	100	137	100	461	100	237	100	1,072	100	242	100	4,777	100		
e. Distracting you from completing your coursework	TEC01e	Very little	61	13	49	10	29	12	53	13	92	16	18	14	59	16	35	14	145	14	46	20	649	14		
		Some	175	40	211	40	113	40	174	39	237	41	57	43	180	39	86	35	448	41	86	36	1,892	40		
		Quite a bit	127	28	169	31	80	31	128	27	166	27	39	30	129	26	73	32	303	29	68	28	1,400	29		
		Very much	74	19	93	19	45	17	91	21	101	16	24	13	93	20	43	18	174	16	42	16	835	17		
		Total	437	100	522	100	267	100	446	100	596	100	138	100	461	100	237	100	1,070	100	242	100	4,776	100		
<b>2. During the current school year, how much have your courses improved your understanding and use of technology?</b>																										
	TEC02	Very little	82	20	77	14	40	13	85	20	68	12	18	12	74	16	27	13	140	14	36	15	722	15		
Some		168	38	172	32	89	34	184	40	205	34	43	31	155	33	85	37	396	37	101	43	1,727	36			
Quite a bit		127	28	184	37	93	36	130	30	214	35	47	37	145	30	79	33	352	31	65	27	1,541	32			
Very much		57	13	86	17	45	17	43	10	105	19	29	19	85	21	44	17	180	18	39	15	764	17			
Total		434	100	519	100	267	100	442	100	592	100	137	100	459	100	235	100	1,068	100	241	100	4,754	100			

Note: Results weighted by institution-reported sex, enrollment status, and institution size. Counts are not weighted. Total includes unclassified and undecided.

# NSSE 2017 & 2018 Topical Modules

## U.S. Summary Frequencies by Related-Major Category

### Learning with Technology

#### First-Year Students

Item wording or description	Variable name	Response options	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>3. During the current school year, about how often have you used the following technologies in your courses?</b>																										
a. Electronic textbooks	TEC03a	Never	151	33	97	17	68	22	141	30	134	23	51	37	128	26	53	21	258	25	79	31	1,268	25		
		Sometimes	153	35	183	36	85	34	154	34	227	40	46	35	165	37	73	30	349	32	83	37	1,647	35		
		Often	80	18	136	26	63	24	97	23	147	24	25	19	101	20	58	27	276	25	37	15	1,104	23		
		Very often	46	11	104	20	49	19	54	13	87	14	15	9	64	16	52	22	186	18	37	14	733	16		
		I don't know what this is	9	2	2	1	1	1	1	0	1	0	1	0	3	1	2	1	3	0	6	3	31	1		
		Total	439	100	522	100	266	100	447	100	596	100	138	100	461	100	238	100	1,072	100	242	100	4,783	100		
b. Online portfolios or e-portfolios	TEC03b	Never	180	41	212	39	112	41	206	46	229	39	63	46	199	46	94	38	455	43	108	48	2,002	42		
		Sometimes	112	25	118	24	65	27	100	24	180	31	35	26	116	23	63	26	257	23	61	24	1,198	25		
		Often	64	15	65	14	26	12	36	8	71	12	21	15	57	12	26	11	115	11	26	10	548	12		
		Very often	20	4	31	6	12	5	28	6	32	4	6	4	32	8	22	11	63	7	13	4	280	6		
		I don't know what this is	63	14	96	17	50	15	75	16	83	14	13	9	56	12	33	14	182	16	32	15	748	15		
		Total	439	100	522	100	265	100	445	100	595	100	138	100	460	100	238	100	1,072	100	240	100	4,776	100		
c. Blogs	TEC03c	Never	272	63	374	71	171	61	309	69	385	64	74	56	268	59	168	73	725	67	160	67	3,112	65		
		Sometimes	100	23	101	19	70	28	89	20	142	25	43	30	127	27	45	18	216	20	51	19	1,080	23		
		Often	46	10	27	6	13	6	25	6	40	7	14	9	37	8	16	6	72	7	16	9	337	7		
		Very often	15	3	14	3	8	2	18	4	21	3	6	4	19	5	5	2	43	4	11	4	178	4		
		I don't know what this is	5	1	5	1	4	2	6	1	9	2	1	1	6	2	4	1	13	2	2	1	65	2		
		Total	438	100	521	100	266	100	447	100	597	100	138	100	457	100	238	100	1,069	100	240	100	4,772	100		
d. Collaborative editing software (Wikis, Google Docs, etc.)	TEC03d	Never	48	12	69	15	35	12	54	14	81	16	17	13	69	16	43	21	139	14	38	16	639	15		
		Sometimes	129	30	164	30	98	38	128	30	186	31	45	36	133	27	70	28	348	31	69	28	1,497	31		
		Often	137	30	144	28	79	29	126	27	205	33	37	27	143	31	68	28	309	29	78	32	1,433	30		
		Very often	123	27	142	26	52	20	136	29	124	19	38	24	111	25	54	22	269	25	55	22	1,180	24		
		I don't know what this is	2	1	2	0	2	1	1	0	1	0	0	0	3	1	2	0	6	1	2	2	26	1		
		Total	439	100	521	100	266	100	445	100	597	100	137	100	459	100	237	100	1,071	100	242	100	4,775	100		
e. Multimedia software (drawing, audio or video production, editing, etc.)	TEC03e	Never	161	37	332	63	140	48	270	59	314	52	42	30	220	47	101	45	612	57	139	57	2,517	52		
		Sometimes	120	27	108	21	86	35	96	23	173	31	50	36	133	28	60	23	252	24	63	26	1,249	27		
		Often	91	21	50	10	25	9	42	9	69	11	27	20	69	16	45	19	132	12	24	11	608	13		
		Very often	63	14	25	5	12	6	29	7	31	4	17	13	33	8	28	12	61	6	7	3	335	7		
		I don't know what this is	4	1	6	1	3	2	7	2	9	2	1	1	4	1	2	1	11	1	5	4	57	1		
		Total	439	100	521	100	266	100	444	100	596	100	137	100	459	100	236	100	1,068	100	238	100	4,766	100		

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### Learning with Technology

#### First-Year Students

Item wording or description	Variable name	Response options	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
			<hr/>																							
f. Social networking (Facebook, Twitter, etc.)	TEC03f	Never	176	42	260	49	143	56	171	39	222	39	50	37	176	40	111	48	376	36	111	50	1,948	42		
		Sometimes	117	26	137	27	65	22	138	30	176	30	43	29	121	24	61	26	308	28	62	23	1,318	27		
		Often	66	15	53	10	30	12	60	14	97	15	20	16	89	20	33	13	199	18	36	15	739	15		
		Very often	79	17	71	13	27	9	77	18	99	16	23	18	73	15	32	13	184	16	33	12	756	15		
		I don't know what this is	1	0	1	0	1	1	0	0	1	0	1	0	2	1	0	0	4	1	0	0	13	0		
		Total	439	100	522	100	266	100	446	100	595	100	137	100	461	100	237	100	1,071	100	242	100	4,774	100		
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g. Mobile computing (handheld devices such as smartphones, tablets, etc.)	TEC03g	Never	58	14	65	12	44	16	66	13	73	13	18	14	49	13	30	13	130	12	29	14	608	13		
		Sometimes	144	33	190	37	98	36	153	34	211	36	54	40	152	34	86	36	321	30	77	32	1,611	34		
		Often	109	25	124	23	67	26	114	27	147	23	32	22	117	23	65	28	302	29	61	24	1,230	25		
		Very often	125	29	141	28	57	23	114	26	164	28	34	24	140	29	56	23	313	29	75	30	1,315	28		
		I don't know what this is	2	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	10	0		
		Total	438	100	521	100	266	100	447	100	595	100	138	100	460	100	237	100	1,068	100	242	100	4,774	100		
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<b>4. During the current school year, about how often have you used technology to communicate with the following people?</b>																										
a. Students	TEC04a	Never	7	2	3	1	2	1	5	2	7	2	2	2	5	2	1	1	15	2	9	7	67	2		
		Sometimes	48	12	46	11	30	14	39	10	84	16	21	15	50	11	32	13	83	8	36	13	525	12		
		Often	98	24	124	24	77	29	101	23	152	25	40	32	111	24	63	25	265	26	51	22	1,181	25		
		Very often	286	63	349	63	156	55	295	64	353	57	75	51	294	64	140	61	706	64	146	57	2,995	60		
		Total	439	100	522	100	265	100	440	100	596	100	138	100	460	100	236	100	1,069	100	242	100	4,768	100		
		<hr/>																								
b. Academic advisors	TEC04b	Never	24	5	23	5	15	5	21	4	38	7	10	7	19	5	21	8	44	5	22	11	267	6		
		Sometimes	152	35	178	36	108	41	145	32	213	37	43	35	130	27	97	41	312	29	77	34	1,586	34		
		Often	152	35	194	36	86	33	147	33	182	30	45	32	171	37	82	34	383	36	75	29	1,640	34		
		Very often	111	25	127	23	57	21	130	30	163	25	40	25	140	32	37	16	328	30	68	26	1,277	26		
		Total	439	100	522	100	266	100	443	100	596	100	138	100	460	100	237	100	1,067	100	242	100	4,770	100		
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c. Faculty	TEC04c	Never	22	5	17	3	16	7	26	7	35	7	12	11	26	5	21	8	46	5	18	7	260	6		
		Sometimes	131	30	169	36	90	33	122	28	209	37	40	33	115	24	84	37	320	29	88	38	1,507	33		
		Often	163	37	204	37	101	39	161	35	197	32	45	28	170	38	89	36	378	36	67	27	1,700	35		
		Very often	123	27	132	24	59	20	134	30	153	24	41	28	148	33	43	19	322	30	69	27	1,301	26		
		Total	439	100	522	100	266	100	443	100	594	100	138	100	459	100	237	100	1,066	100	242	100	4,768	100		
		<hr/>																								
d. Student services staff (career services, student activities, housing, etc.)	TEC04d	Never	100	25	129	26	72	27	100	23	136	25	32	26	103	23	71	32	232	23	59	26	1,128	25		
		Sometimes	188	43	194	38	113	43	159	35	224	39	55	40	170	35	94	39	378	36	89	38	1,811	38		
		Often	89	19	124	23	47	18	111	25	136	22	29	19	102	22	45	19	249	23	48	18	1,050	21		
		Very often	62	13	75	13	32	12	74	17	100	15	22	14	84	20	26	11	206	19	45	18	772	16		
		Total	439	100	522	100	264	100	444	100	596	100	138	100	459	100	236	100	1,065	100	241	100	4,761	100		

Note: Results weighted by institution-reported sex, enrollment status, and institution size. Counts are not weighted. Total includes unclassified and undecided.

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### Learning with Technology

#### First-Year Students

Item wording or description	Variable name	Response options	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
			<b>5. How much does your institution emphasize the following?</b>																							
e. Other administrative staff and offices (registrar, financial aid, etc.)	TEC04e	Never	97	23	130	26	59	22	101	23	115	20	32	23	97	22	53	23	202	20	61	27	1,038	23		
		Sometimes	197	45	218	42	128	48	177	39	247	43	59	46	189	38	109	45	436	40	90	38	2,007	42		
		Often	79	18	107	20	48	20	90	19	141	22	24	15	101	22	47	19	236	21	45	18	987	20		
		Very often	64	14	66	12	28	10	74	19	93	15	23	16	73	18	26	13	194	18	43	17	726	15		
		Total	437	100	521	100	263	100	442	100	596	100	138	100	460	100	235	100	1,068	100	239	100	4,758	100		
a. Teaching with new, cutting-edge technologies	TEC05a	Very little	71	16	78	14	47	17	88	18	84	14	20	17	52	10	23	10	157	16	47	22	731	15		
		Some	186	42	231	45	112	40	196	43	254	42	53	37	192	42	84	35	411	37	96	38	1,976	40		
		Quite a bit	138	32	166	33	77	31	118	29	187	33	50	36	150	32	94	40	366	35	72	30	1,525	33		
		Very much	41	9	46	8	27	12	42	11	67	11	14	10	66	16	36	15	133	13	26	10	527	11		
		Total	436	100	521	100	263	100	444	100	592	100	137	100	460	100	237	100	1,067	100	241	100	4,759	100		
b. Providing technology to help you learn, study or complete coursework	TEC05b	Very little	32	8	39	8	23	10	58	13	57	11	10	7	32	8	16	7	74	7	29	13	413	9		
		Some	144	34	159	31	77	29	156	34	188	30	52	39	145	31	56	23	305	29	69	29	1,473	31		
		Quite a bit	170	40	220	43	113	40	161	35	243	40	51	37	173	36	110	50	465	44	89	37	1,935	41		
		Very much	85	19	101	18	47	21	67	18	105	18	24	16	106	24	51	21	219	20	51	21	912	19		
		Total	431	100	519	100	260	100	442	100	593	100	137	100	456	100	233	100	1,063	100	238	100	4,733	100		
c. Teaching you how to use available technologies to learn, study, or complete coursework	TEC05c	Very little	41	8	41	7	23	9	53	13	52	11	18	12	37	8	24	10	90	9	34	14	460	10		
		Some	152	35	172	33	84	31	170	36	219	37	42	32	152	32	61	26	351	32	78	33	1,610	33		
		Quite a bit	170	40	209	42	116	43	163	37	215	34	53	39	177	37	95	42	445	42	85	36	1,862	39		
		Very much	73	17	100	18	42	17	57	14	104	19	25	16	94	22	55	22	176	17	42	17	820	18		
		Total	436	100	522	100	265	100	443	100	590	100	138	100	460	100	235	100	1,062	100	239	100	4,752	100		
d. Providing support services to assist you with your use of technology	TEC05d	Very little	36	9	48	9	17	6	43	11	53	10	16	11	38	9	31	13	86	9	33	15	436	10		
		Some	162	37	176	35	93	37	159	35	195	33	51	38	143	30	57	28	348	32	73	33	1,598	34		
		Quite a bit	167	39	197	39	111	42	177	39	238	39	48	35	179	37	101	40	424	40	88	33	1,860	39		
		Very much	70	15	99	18	42	16	62	15	107	19	22	15	99	24	47	19	209	20	45	18	857	18		
		Total	435	100	520	100	263	100	441	100	593	100	137	100	459	100	236	100	1,067	100	239	100	4,751	100		

Note: Results weighted by institution-reported sex, enrollment status, and institution size. Counts are not weighted. Total includes unclassified and undecided.

# NSSE 2017 & 2018 Topical Modules

## U.S. Summary Frequencies by Related-Major Category

### Learning with Technology

#### Seniors

Item wording or description	Variable name	Response options	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>1. During the current school year, how much has your use of technology contributed to the following:</b>																										
a. Your understanding of course materials and ideas	TEC01a	Very little	25	4	11	2	7	2	24	3	22	2	3	1	5	1	4	2	31	2	8	2	148	2		
		Some	136	21	75	12	34	9	109	13	130	11	25	11	95	14	36	14	153	9	66	15	927	12		
		Quite a bit	235	35	211	36	95	29	273	37	377	36	100	45	226	36	102	37	514	33	150	33	2,465	35		
		Very much	275	40	277	49	184	60	321	47	515	51	96	42	312	49	126	47	887	56	209	50	3,482	50		
		Total	671	100	574	100	320	100	727	100	1,044	100	224	100	638	100	268	100	1,585	100	433	100	7,022	100		
b. Demonstrating your understanding of course content	TEC01b	Very little	34	5	14	2	10	2	29	4	23	2	5	2	8	1	6	3	33	2	12	3	185	3		
		Some	142	22	103	17	48	13	137	17	149	14	29	13	79	13	41	16	179	11	65	14	1,042	14		
		Quite a bit	233	35	229	39	112	34	265	38	402	37	97	43	246	38	95	33	575	38	161	35	2,628	37		
		Very much	261	38	225	41	148	50	294	42	465	47	90	42	302	47	121	48	789	49	195	48	3,132	46		
		Total	670	100	571	100	318	100	725	100	1,039	100	221	100	635	100	263	100	1,576	100	433	100	6,987	100		
c. Learning, studying, or completing coursework on your own	TEC01c	Very little	13	2	6	1	4	1	8	1	15	1	4	2	5	1	3	1	20	1	4	1	86	1		
		Some	80	13	41	7	30	8	57	7	72	7	21	9	42	7	21	9	118	8	43	9	576	8		
		Quite a bit	221	32	175	31	93	29	221	30	329	31	85	38	206	32	101	36	437	28	138	32	2,182	31		
		Very much	356	53	352	61	191	63	440	61	624	60	114	51	387	61	143	54	1,009	63	248	58	4,169	60		
		Total	670	100	574	100	318	100	726	100	1,040	100	224	100	640	100	268	100	1,584	100	433	100	7,013	100		
d. Learning, studying, or completing coursework with other students	TEC01d	Very little	67	12	35	6	29	8	63	10	71	7	10	4	32	7	17	10	90	6	43	12	496	8		
		Some	148	22	106	18	68	21	155	20	183	17	32	15	107	18	36	14	261	16	91	20	1,278	18		
		Quite a bit	219	32	208	36	103	32	229	30	334	32	89	38	217	32	100	34	514	34	136	30	2,327	33		
		Very much	236	35	224	40	119	39	283	40	455	43	92	42	278	43	114	42	718	44	161	38	2,905	41		
		Total	670	100	573	100	319	100	730	100	1,043	100	223	100	634	100	267	100	1,583	100	431	100	7,006	100		
e. Distracting you from completing your coursework	TEC01e	Very little	99	17	54	9	38	13	134	20	227	23	30	15	129	21	43	18	315	22	113	28	1,312	20		
		Some	236	35	225	40	102	30	259	35	393	38	92	41	234	36	98	36	612	38	150	34	2,584	36		
		Quite a bit	183	27	177	32	106	34	197	27	258	23	61	26	171	27	79	28	398	24	90	20	1,853	26		
		Very much	155	21	117	20	72	23	138	18	166	16	41	18	104	16	49	18	263	16	80	17	1,276	18		
		Total	673	100	573	100	318	100	728	100	1,044	100	224	100	638	100	269	100	1,588	100	433	100	7,025	100		
<b>2. During the current school year, how much have your courses improved your understanding and use of technology?</b>																										
	TEC02	Very little	127	20	83	14	40	11	147	20	131	13	20	8	55	9	14	5	241	16	80	18	994	14		
Some		239	34	208	35	72	20	266	36	306	27	66	31	247	38	78	32	539	32	148	32	2,337	32			
Quite a bit		160	23	176	31	98	30	204	29	357	34	85	39	193	31	99	35	476	30	119	28	2,124	30			
Very much		142	22	102	20	106	39	108	16	242	26	50	22	141	22	73	27	323	21	79	21	1,519	23			
Total		668	100	569	100	316	100	725	100	1,036	100	221	100	636	100	264	100	1,579	100	426	100	6,974	100			

Note: Results weighted by institution-reported sex, enrollment status, and institution size. Counts are not weighted. Total includes unclassified and undecided.

# NSSE 2017 & 2018 Topical Modules

## U.S. Summary Frequencies by Related-Major Category

### Learning with Technology

#### Seniors

Item wording or description	Variable name	Response options	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>3. During the current school year, about how often have you used the following technologies in your courses?</b>																										
a. Electronic textbooks	TEC03a	Never	264	39	180	29	65	17	280	38	234	22	80	34	223	32	45	16	408	27	174	36	2,101	29		
		Sometimes	234	34	213	38	115	36	248	32	341	32	85	41	214	33	82	30	508	33	135	33	2,346	34		
		Often	106	17	97	17	59	17	119	17	235	22	35	14	103	17	64	24	316	20	60	15	1,309	19		
		Very often	67	10	81	15	77	30	79	12	233	24	22	11	97	17	78	30	346	20	60	15	1,240	19		
		I don't know what this is	3	1	1	0	2	1	1	0	1	0	2	1	3	0	0	0	3	0	4	1	21	0		
		Total	674	100	572	100	318	100	727	100	1,044	100	224	100	640	100	269	100	1,581	100	433	100	7,017	100		
b. Online portfolios or e-portfolios	TEC03b	Never	292	43	286	48	161	48	362	49	400	38	81	33	166	27	106	39	676	44	229	50	2,967	42		
		Sometimes	157	24	106	21	74	21	175	24	271	25	72	35	175	29	63	23	377	23	83	21	1,720	25		
		Often	94	15	49	9	20	7	54	8	139	14	39	17	131	20	40	15	174	11	36	9	854	12		
		Very often	71	10	27	5	21	10	30	5	77	7	17	8	132	19	20	8	133	8	33	7	607	8		
		I don't know what this is	58	9	105	17	43	14	105	14	155	15	14	7	35	6	38	14	218	14	52	14	860	13		
		Total	672	100	573	100	319	100	726	100	1,042	100	223	100	639	100	267	100	1,578	100	433	100	7,008	100		
c. Blogs	TEC03c	Never	373	56	421	73	216	64	477	65	609	59	67	28	296	46	179	67	1,034	65	265	59	4,224	60		
		Sometimes	200	29	108	19	73	22	181	25	282	27	101	48	229	36	53	18	363	24	107	25	1,856	27		
		Often	57	9	23	4	11	4	41	7	80	8	34	13	61	9	20	8	103	6	36	9	519	7		
		Very often	36	5	13	3	16	9	24	3	58	6	19	10	50	8	10	5	70	4	17	4	342	5		
		I don't know what this is	5	1	7	1	3	1	2	0	11	1	2	1	1	0	4	2	13	1	7	2	61	1		
		Total	671	100	572	100	319	100	725	100	1,040	100	223	100	637	100	266	100	1,583	100	432	100	7,002	100		
d. Collaborative editing software (Wikis, Google Docs, etc.)	TEC03d	Never	81	12	75	12	36	12	117	18	151	15	16	8	68	12	17	7	193	12	99	23	929	14		
		Sometimes	187	28	122	22	105	30	200	26	292	29	61	29	174	28	80	32	404	27	129	31	1,908	28		
		Often	196	29	181	32	94	29	220	30	252	23	66	28	176	26	80	25	436	27	102	23	1,940	27		
		Very often	205	30	190	33	82	28	186	25	344	32	80	35	220	34	91	35	541	33	100	23	2,204	31		
		I don't know what this is	2	0	3	1	2	1	3	0	4	0	1	1	1	0	1	0	9	1	3	1	30	0		
		Total	671	100	571	100	319	100	726	100	1,043	100	224	100	639	100	269	100	1,583	100	433	100	7,011	100		
e. Multimedia software (drawing, audio or video production, editing, etc.)	TEC03e	Never	197	28	326	55	146	43	401	54	504	48	45	21	224	35	79	32	778	49	235	51	3,155	44		
		Sometimes	175	27	140	25	102	31	215	29	308	29	64	30	226	36	79	29	459	28	122	30	2,047	29		
		Often	107	17	59	11	28	8	52	8	129	12	50	22	110	18	66	23	198	13	43	12	928	14		
		Very often	190	28	37	7	41	17	49	8	96	10	64	28	76	12	41	14	134	9	29	7	824	12		
		I don't know what this is	4	1	10	2	2	1	7	1	8	1	0	0	0	0	3	2	12	1	2	1	51	1		
		Total	673	100	572	100	319	100	724	100	1,045	100	223	100	636	100	268	100	1,581	100	431	100	7,005	100		

Note: Results weighted by institution-reported sex, enrollment status, and institution size. Counts are not weighted. Total includes unclassified and undecided.

# NSSE 2017 & 2018 Topical Modules

## U.S. Summary Frequencies by Related-Major Category

### Learning with Technology

#### Seniors

Item wording or description	Variable name	Response options	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
f. Social networking (Facebook, Twitter, etc.)	TEC03f	Never	254	39	264	45	165	51	305	43	368	38	30	16	232	38	122	48	584	40	188	46	2,704	41		
		Sometimes	203	31	167	29	81	26	221	30	344	32	61	29	189	30	81	30	472	29	126	26	2,114	30		
		Often	96	13	61	11	32	8	96	13	164	15	56	23	108	16	37	13	260	16	61	15	1,050	14		
		Very often	115	16	78	14	38	14	102	14	161	15	76	33	105	16	26	8	254	14	57	12	1,105	15		
		I don't know what this is	1	0	2	0	2	1	1	0	3	0	0	0	0	0	2	1	6	0	1	1	19	0		
		Total	669	100	572	100	318	100	725	100	1,040	100	223	100	634	100	268	100	1,576	100	433	100	6,992	100		
g. Mobile computing (handheld devices such as smartphones, tablets, etc.)	TEC03g	Never	101	15	86	16	58	18	120	16	129	13	14	6	49	8	40	17	181	11	65	16	899	13		
		Sometimes	218	34	188	31	98	31	238	33	330	32	65	31	196	32	82	29	436	28	142	31	2,170	31		
		Often	158	23	139	25	74	22	177	24	274	26	54	24	185	28	64	25	426	28	104	25	1,796	26		
		Very often	193	28	156	28	86	29	191	26	303	29	91	39	204	32	82	30	534	32	121	29	2,122	30		
		I don't know what this is	2	0	1	0	1	1	0	0	4	0	0	0	1	0	0	0	1	0	0	0	0	0	11	0
		Total	672	100	570	100	317	100	726	100	1,040	100	224	100	635	100	268	100	1,578	100	432	100	6,998	100		
<b>4. During the current school year, about how often have you used technology to communicate with the following people?</b>																										
a. Students	TEC04a	Never	8	1	4	1	3	1	19	3	15	1	2	2	9	2	2	1	19	1	6	1	100	2		
		Sometimes	72	12	47	9	30	10	96	15	115	12	18	8	64	12	29	12	115	8	69	16	728	11		
		Often	144	23	106	19	70	21	181	25	245	24	48	23	132	22	55	22	300	20	106	25	1,515	22		
		Very often	446	63	416	71	215	68	430	57	667	63	156	67	430	65	182	65	1,146	71	251	57	4,661	65		
		Total	670	100	573	100	318	100	726	100	1,042	100	224	100	635	100	268	100	1,580	100	432	100	7,004	100		
b. Academic advisors	TEC04b	Never	44	7	45	9	21	6	38	5	78	9	20	10	18	3	11	4	96	6	30	7	435	7		
		Sometimes	159	25	146	27	90	26	173	26	302	30	52	24	132	21	77	31	395	26	108	24	1,769	26		
		Often	229	33	182	32	103	33	218	29	313	29	73	31	214	34	92	32	469	30	147	35	2,223	31		
		Very often	239	35	200	32	105	34	296	40	348	32	79	35	271	41	88	34	617	38	149	33	2,575	36		
		Total	671	100	573	100	319	100	725	100	1,041	100	224	100	635	100	268	100	1,577	100	434	100	7,002	100		
c. Faculty	TEC04c	Never	15	3	23	5	7	2	24	4	39	4	11	5	24	5	8	4	39	3	32	7	241	4		
		Sometimes	138	21	138	27	81	24	165	25	264	26	59	30	121	20	68	28	298	19	107	24	1,568	23		
		Often	244	36	184	31	109	34	227	29	358	35	80	34	216	33	101	35	547	35	133	32	2,395	34		
		Very often	272	40	228	37	121	39	309	43	377	35	74	32	276	42	88	33	694	43	160	36	2,791	39		
		Total	669	100	573	100	318	100	725	100	1,038	100	224	100	637	100	265	100	1,578	100	432	100	6,995	100		
d. Student services staff (career services, student activities, housing, etc.)	TEC04d	Never	219	34	170	32	91	29	221	32	329	33	62	31	235	39	68	28	533	34	156	34	2,248	33		
		Sometimes	218	32	200	35	121	38	232	32	308	29	86	35	190	28	104	38	462	29	122	28	2,197	31		
		Often	121	18	100	17	49	13	144	19	193	18	36	16	103	17	50	17	258	17	76	19	1,230	17		
		Very often	111	16	103	16	58	20	129	17	208	20	40	18	107	16	47	17	322	20	78	19	1,320	19		
		Total	669	100	573	100	319	100	726	100	1,038	100	224	100	635	100	269	100	1,575	100	432	100	6,995	100		

Note: Results weighted by institution-reported sex, enrollment status, and institution size. Counts are not weighted. Total includes unclassified and undecided.

# NSSE 2017 & 2018 Topical Modules

## U.S. Summary Frequencies by Related-Major Category

### Learning with Technology

#### Seniors

Item wording or description	Variable name	Response options	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
			<b>5. How much does your institution emphasize the following?</b>																							
e. Other administrative staff and offices (registrar, financial aid, etc.)	TEC04e	Never	151	24	138	26	72	22	158	22	208	22	52	26	126	19	56	21	306	21	105	24	1,474	22		
		Sometimes	287	41	234	42	141	43	286	40	396	37	95	40	273	43	120	46	646	41	173	39	2,860	40		
		Often	123	19	103	17	55	16	144	19	228	22	39	18	134	22	56	21	302	19	76	18	1,366	20		
		Very often	108	16	96	15	50	18	134	19	206	20	37	16	104	16	34	12	322	19	78	20	1,284	18		
		Total	669	100	571	100	318	100	722	100	1,038	100	223	100	637	100	266	100	1,576	100	432	100	6,984	100		
a. Teaching with new, cutting-edge technologies	TEC05a	Very little	110	16	103	18	59	17	168	23	191	19	35	14	71	11	28	11	233	15	88	19	1,163	16		
		Some	284	43	248	41	123	39	310	42	400	38	86	39	217	35	96	38	560	36	168	38	2,687	38		
		Quite a bit	196	29	168	31	89	29	172	25	329	32	72	33	205	33	104	38	543	34	114	28	2,174	32		
		Very much	78	12	51	9	45	16	71	10	117	12	29	14	140	21	38	14	237	15	57	16	942	14		
		Total	668	100	570	100	316	100	721	100	1,037	100	222	100	633	100	266	100	1,573	100	427	100	6,966	100		
b. Providing technology to help you learn, study or complete coursework	TEC05b	Very little	71	12	60	12	36	10	112	15	123	12	23	11	54	10	27	10	143	10	62	14	771	11		
		Some	238	36	190	33	105	34	255	34	317	31	65	28	192	31	70	29	462	29	140	31	2,198	31		
		Quite a bit	243	36	222	38	117	36	230	32	408	38	90	41	210	32	107	38	595	37	147	36	2,575	37		
		Very much	114	16	97	16	60	20	121	18	195	19	45	20	179	28	64	23	377	24	80	19	1,438	21		
		Total	666	100	569	100	318	100	718	100	1,043	100	223	100	635	100	268	100	1,577	100	429	100	6,982	100		
c. Teaching you how to use available technologies to learn, study, or complete coursework	TEC05c	Very little	70	12	62	11	42	13	120	16	132	13	21	10	73	12	29	11	205	13	63	13	878	13		
		Some	268	40	209	36	100	30	286	39	336	32	67	26	202	32	88	34	519	33	165	37	2,409	34		
		Quite a bit	225	34	222	40	113	35	210	30	385	37	93	45	200	31	96	34	542	34	136	33	2,415	35		
		Very much	103	15	77	13	63	22	105	16	185	18	42	18	162	24	51	20	308	20	66	16	1,269	19		
		Total	666	100	570	100	318	100	721	100	1,038	100	223	100	637	100	264	100	1,574	100	430	100	6,971	100		
d. Providing support services to assist you with your use of technology	TEC05d	Very little	99	16	69	13	47	15	124	17	151	15	35	15	79	13	35	14	203	13	80	16	998	14		
		Some	259	39	243	43	123	36	287	39	381	36	79	34	218	35	98	36	578	37	146	32	2,593	37		
		Quite a bit	206	30	188	33	96	31	216	29	347	33	73	34	200	31	94	36	490	30	136	34	2,229	32		
		Very much	100	15	73	12	52	18	95	15	163	16	37	18	140	22	40	15	307	20	68	18	1,168	17		
		Total	664	100	573	100	318	100	722	100	1,042	100	224	100	637	100	267	100	1,578	100	430	100	6,988	100		

Note: Results weighted by institution-reported sex, enrollment status, and institution size. Counts are not weighted. Total includes unclassified and undecided.



# NSSE 2017 & 2018 Topical Modules

## U.S. Summary Means and Standard Deviations by Related-Major Category

### Learning with Technology

#### First-Year Students

Item wording or description	Variable name	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total		
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	
<b>1. During the current school year, how much has your use of technology contributed to the following:</b>																								
a.	Your understanding of course materials and ideas	TEC01a	3.06	.83	3.23	.76	3.19	.82	3.11	.80	3.11	.81	3.15	.71	3.17	.81	3.23	.68	3.27	.76	3.09	.84	3.17	.79
b.	Demonstrating your understanding of course content	TEC01b	2.98	.84	3.11	.75	3.08	.84	3.08	.81	3.03	.80	3.11	.67	3.05	.81	3.06	.77	3.15	.76	3.00	.84	3.07	.79
c.	Learning, studying, or completing coursework on your own	TEC01c	3.34	.76	3.40	.71	3.36	.74	3.36	.77	3.30	.72	3.22	.74	3.38	.71	3.35	.67	3.39	.73	3.31	.73	3.34	.74
d.	Learning, studying, or completing coursework with other students	TEC01d	2.85	.95	3.01	.90	2.79	.95	2.88	.97	2.83	.92	2.82	.96	2.93	.92	2.92	.85	3.00	.89	2.78	1.01	2.89	.93
e.	Distracting you from completing your coursework	TEC01e	2.52	.94	2.59	.91	2.53	.91	2.56	.96	2.43	.94	2.43	.89	2.49	.98	2.54	.95	2.47	.92	2.40	.99	2.49	.94
<b>2. During the current school year, how much have your courses improved your understanding and use of technology?</b>																								
		TEC02	2.34	.95	2.56	.94	2.56	.92	2.30	.91	2.62	.92	2.64	.93	2.56	1.00	2.55	.92	2.53	.94	2.42	.93	2.50	.94
<b>3. During the current school year, about how often have you used the following technologies in your courses?</b>																								
a.	Electronic textbooks	TEC03a	2.06	.98	2.51	1.00	2.40	1.03	2.18	1.01	2.29	.97	2.01	.97	2.26	1.02	2.50	1.05	2.36	1.04	2.14	1.02	2.30	1.02
b.	Online portfolios or e-portfolios	TEC03b	1.80	.90	1.84	.95	1.79	.91	1.69	.92	1.78	.86	1.75	.88	1.80	.98	1.94	1.05	1.77	.96	1.66	.87	1.79	.93
c.	Blogs	TEC03c	1.53	.80	1.39	.72	1.49	.73	1.45	.80	1.47	.75	1.60	.80	1.58	.84	1.37	.70	1.48	.81	1.49	.82	1.48	.78
d.	Collaborative editing software (Wikis, Google Docs, etc.)	TEC03d	2.72	1.00	2.66	1.03	2.58	.94	2.72	1.03	2.55	.97	2.62	.99	2.67	1.03	2.51	1.06	2.65	1.00	2.62	1.00	2.63	1.00
e.	Multimedia software (drawing, audio or video production, editing, etc.)	TEC03e	2.13	1.07	1.57	.87	1.73	.87	1.65	.93	1.67	.84	2.16	1.00	1.83	.96	1.99	1.07	1.67	.91	1.58	.80	1.75	.94
f.	Social networking (Facebook, Twitter, etc.)	TEC03f	2.08	1.12	1.88	1.06	1.74	1.00	2.10	1.11	2.07	1.08	2.16	1.12	2.11	1.09	1.90	1.05	2.14	1.09	1.89	1.06	2.04	1.09
g.	Mobile computing (handheld devices such as smartphones, tablets, etc.)	TEC03g	2.69	1.03	2.68	1.01	2.54	1.01	2.67	1.01	2.66	1.02	2.56	1.00	2.69	1.03	2.62	.98	2.74	1.00	2.69	1.05	2.68	1.01

## NSSE 2017 & 2018 Topical Modules

### U.S. Summary Means and Standard Deviations by Related-Major Category

#### Learning with Technology

#### First-Year Students

<i>Item wording or description</i>	<i>Variable name</i>	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total	
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
		<b>4. During the current school year, about how often have you used technology to communicate with the following people?</b>																					
a. Students	TEC04a	3.47	.77	3.49	.75	3.38	.78	3.49	.77	3.37	.83	3.32	.79	3.49	.77	3.46	.75	3.52	.73	3.30	.95	3.44	.79
b. Academic advisors	TEC04b	2.81	.87	2.76	.86	2.70	.85	2.89	.88	2.73	.92	2.76	.92	2.96	.88	2.59	.85	2.92	.88	2.70	.98	2.80	.89
c. Faculty	TEC04c	2.87	.88	2.82	.83	2.72	.87	2.88	.91	2.73	.90	2.73	.99	2.99	.88	2.66	.88	2.91	.88	2.75	.94	2.82	.89
d. Student services staff (career services, student activities, housing, etc.)	TEC04d	2.21	.97	2.22	.98	2.15	.96	2.36	1.02	2.27	1.00	2.21	.99	2.39	1.04	2.09	.97	2.38	1.04	2.29	1.04	2.28	1.01
e. Other administrative staff and offices (registrar, financial aid, etc.)	TEC04e	2.23	.97	2.17	.95	2.18	.90	2.34	1.03	2.31	.95	2.25	.98	2.37	1.02	2.21	.94	2.38	1.00	2.26	1.04	2.28	.98
<b>5. How much does your institution emphasize the following?</b>																							
a. Teaching with new, cutting-edge technologies	TEC05a	2.35	.86	2.36	.82	2.38	.91	2.33	.89	2.40	.86	2.40	.88	2.54	.88	2.60	.86	2.44	.90	2.29	.92	2.41	.88
b. Providing technology to help you learn, study or complete coursework	TEC05b	2.70	.86	2.72	.85	2.72	.90	2.58	.93	2.65	.90	2.63	.84	2.77	.91	2.85	.82	2.77	.85	2.65	.95	2.70	.88
c. Teaching you how to use available technologies to learn, study, or complete coursework	TEC05c	2.65	.85	2.71	.85	2.67	.86	2.52	.88	2.61	.91	2.59	.91	2.73	.90	2.75	.91	2.67	.86	2.57	.94	2.65	.88
d. Providing support services to assist you with your use of technology	TEC05d	2.60	.85	2.65	.87	2.68	.81	2.57	.88	2.66	.89	2.55	.88	2.76	.91	2.65	.94	2.71	.88	2.55	.96	2.66	.88

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

# NSSE 2017 & 2018 Topical Modules

## U.S. Summary Means and Standard Deviations by Related-Major Category

### Learning with Technology

		<b>Seniors</b>																							
Item wording or description	Variable name	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total			
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD		
<b>1. During the current school year, how much has your use of technology contributed to the following:</b>																									
a.	Your understanding of course materials and ideas	TEC01a	3.11	.87	3.33	.77	3.48	.73	3.27	.81	3.36	.75	3.29	.71	3.32	.76	3.29	.78	3.42	.75	3.32	.79	3.34	.77	
b.	Demonstrating your understanding of course content	TEC01b	3.05	.90	3.19	.80	3.32	.79	3.19	.84	3.29	.77	3.25	.75	3.31	.75	3.26	.82	3.33	.77	3.28	.81	3.26	.80	
c.	Learning, studying, or completing coursework <b>on your own</b>	TEC01c	3.35	.79	3.52	.68	3.53	.67	3.51	.68	3.50	.69	3.39	.72	3.52	.67	3.43	.70	3.53	.69	3.48	.69	3.49	.70	
d.	Learning, studying, or completing coursework <b>with other students</b>	TEC01d	2.89	1.01	3.10	.90	3.02	.97	2.99	1.01	3.11	.94	3.18	.85	3.10	.94	3.08	.97	3.15	.91	2.94	1.02	3.07	.95	
e.	Distracting you from completing your coursework	TEC01e	2.53	1.01	2.62	.90	2.67	.97	2.42	1.00	2.32	1.00	2.47	.95	2.36	.99	2.46	.99	2.35	.99	2.27	1.05	2.41	1.00	
<b>2. During the current school year, how much have your courses improved your understanding and use of technology?</b>																									
		TEC02	2.47	1.05	2.58	.96	2.96	1.02	2.41	.97	2.73	.99	2.76	.89	2.67	.92	2.84	.89	2.56	1.00	2.53	1.02	2.63	.99	
<b>3. During the current school year, about how often have you used the following technologies in your courses?</b>																									
a.	Electronic textbooks	TEC03a	1.97	.98	2.19	1.02	2.60	1.09	2.03	1.02	2.48	1.08	2.02	.96	2.20	1.07	2.69	1.07	2.33	1.08	2.09	1.06	2.28	1.07	
b.	Online portfolios or e-portfolios	TEC03b	1.92	1.03	1.65	.90	1.76	1.03	1.63	.87	1.88	.98	2.00	.95	2.33	1.09	1.92	1.01	1.80	.98	1.69	.96	1.86	.99	
c.	Blogs	TEC03c	1.62	.84	1.36	.69	1.57	.93	1.49	.77	1.60	.87	2.05	.91	1.78	.91	1.50	.86	1.49	.79	1.58	.83	1.58	.84	
d.	Collaborative editing software (Wikis, Google Docs, etc.)	TEC03d	2.78	1.01	2.86	1.02	2.74	1.00	2.63	1.05	2.74	1.07	2.90	.97	2.82	1.03	2.88	.98	2.81	1.03	2.46	1.08	2.75	1.04	
e.	Multimedia software (drawing, audio or video production, editing, etc.)	TEC03e	2.45	1.17	1.70	.94	1.98	1.09	1.69	.92	1.85	1.00	2.56	1.11	2.07	1.00	2.19	1.05	1.81	.97	1.74	.92	1.93	1.03	
f.	Social networking (Facebook, Twitter, etc.)	TEC03f	2.06	1.08	1.94	1.06	1.84	1.06	1.98	1.06	2.06	1.06	2.73	1.08	2.10	1.09	1.80	.95	2.05	1.06	1.94	1.05	2.04	1.07	
g.	Mobile computing (handheld devices such as smartphones, tablets, etc.)	TEC03g	2.63	1.04	2.66	1.06	2.62	1.08	2.60	1.05	2.71	1.02	2.96	.97	2.84	.97	2.68	1.07	2.81	1.01	2.67	1.05	2.73	1.03	

## NSSE 2017 & 2018 Topical Modules

### U.S. Summary Means and Standard Deviations by Related-Major Category

#### Learning with Technology

		<b>Seniors</b>																							
Item wording or description	Variable name	Arts & Humanities		Bio, Agric, & Nat Res		Phys Sci, Math, CS		Social Sciences		Business		Comm, Media, PR		Education		Engineering		Health Professions		Social Svc Professions		Total			
		Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD		
<b>4. During the current school year, about how often have you used technology to communicate with the following people?</b>																									
a. Students	TEC04a	3.48	.76	3.60	.69	3.57	.70	3.34	.86	3.48	.76	3.56	.72	3.49	.78	3.52	.74	3.60	.69	3.38	.81	3.50	.76		
b. Academic advisors	TEC04b	2.95	.94	2.87	.96	2.95	.92	3.04	.93	2.85	.97	2.90	1.00	3.14	.86	2.96	.89	3.00	.94	2.94	.93	2.97	.94		
c. Faculty	TEC04c	3.14	.84	3.00	.91	3.11	.85	3.11	.90	3.01	.88	2.92	.90	3.13	.89	2.97	.88	3.18	.84	2.97	.95	3.08	.88		
d. Student services staff (career services, student activities, housing, etc.)	TEC04d	2.15	1.07	2.17	1.05	2.25	1.08	2.21	1.07	2.24	1.11	2.21	1.07	2.09	1.09	2.23	1.04	2.22	1.12	2.24	1.12	2.22	1.10		
e. Other administrative staff and offices (registrar, financial aid, etc.)	TEC04e	2.27	1.00	2.22	.99	2.30	1.01	2.34	1.02	2.40	1.04	2.23	1.01	2.35	.96	2.23	.92	2.37	1.02	2.33	1.05	2.34	1.01		
<b>5. How much does your institution emphasize the following?</b>																									
a. Teaching with new, cutting-edge technologies	TEC05a	2.36	.89	2.31	.87	2.43	.95	2.23	.92	2.37	.92	2.46	.90	2.63	.94	2.54	.86	2.49	.92	2.40	.97	2.43	.92		
b. Providing technology to help you learn, study or complete coursework	TEC05b	2.56	.89	2.59	.90	2.67	.91	2.53	.96	2.65	.92	2.71	.91	2.78	.96	2.75	.92	2.74	.93	2.61	.95	2.67	.93		
c. Providing support services to assist you with your use of technology	TEC05c	2.53	.89	2.56	.86	2.65	.96	2.45	.94	2.61	.93	2.71	.89	2.67	.98	2.64	.93	2.61	.95	2.53	.92	2.60	.93		
d. Providing support services to assist you with your use of technology	TEC05d	2.43	.93	2.44	.86	2.52	.95	2.42	.94	2.50	.93	2.54	.95	2.61	.97	2.52	.91	2.56	.95	2.53	.96	2.52	.94		

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