



NSSE 2021

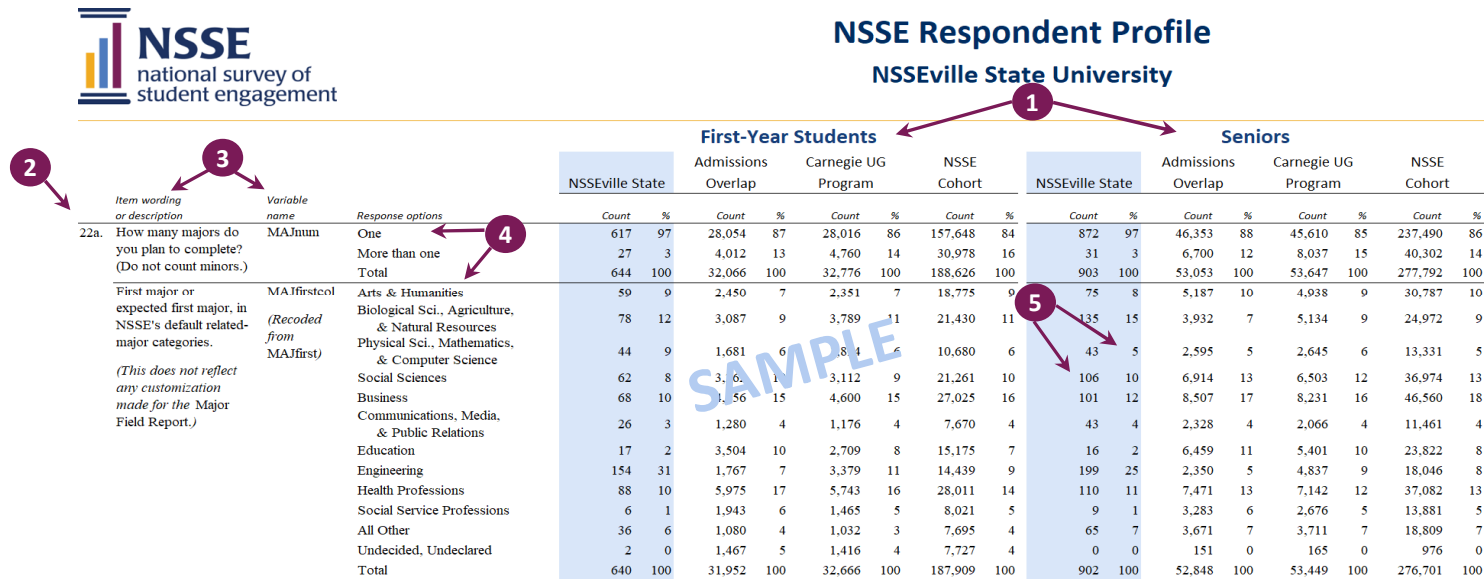
Respondent Profile

Truman State University

NSSE 2021 Respondent Profile

About This Report

The *Respondent Profile* presents both student- and institution-reported demographic information, allowing you to examine similarities and differences between your students and those at your comparison group institutions. This report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website (nsse.indiana.edu) or contact your NSSE Project Services team.



			First-Year Students								Seniors							
			NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort	
Item wording or description	Variable name	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
22a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One More than one Total	617	97	28,054	87	28,016	86	157,648	84	872	97	46,353	88	45,610	85	237,490	86
			27	3	4,012	13	4,760	14	30,978	16	31	3	6,700	12	8,037	15	40,302	14
			644	100	32,066	100	32,776	100	188,626	100	903	100	53,053	100	53,647	100	277,792	100
First major or expected first major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJfirstcol (Recoded from MAJfirst)	Arts & Humanities Biological Sci., Agriculture, & Natural Resources Physical Sci., Mathematics, & Computer Science Social Sciences Business Communications, Media, & Public Relations Education Engineering Health Professions Social Service Professions All Other Undecided, Undeclared Total	59	9	2,450	7	2,351	7	18,775	9	75	8	5,187	10	4,938	9	30,787	10
			78	12	3,087	9	3,789	11	21,430	11	135	15	3,932	7	5,134	9	24,972	9
			44	9	1,681	6	84	5	10,680	6	43	5	2,595	5	2,645	6	13,331	5
			62	8	3,661	11	3,112	9	21,261	10	106	10	6,914	13	6,503	12	36,974	13
			68	10	1,566	5	4,600	15	27,025	16	101	12	8,507	17	8,231	16	46,560	18
			26	3	1,280	4	1,176	4	7,670	4	43	4	2,328	4	2,066	4	11,461	4
			17	2	3,504	10	2,709	8	15,175	7	16	2	6,459	11	5,401	10	23,822	8
			154	31	1,767	7	3,379	11	14,439	9	199	25	2,350	5	4,837	9	18,046	8
			88	10	5,975	17	5,743	16	28,011	14	110	11	7,471	13	7,142	12	37,082	13
			6	1	1,943	6	1,465	5	8,021	5	9	1	3,283	6	2,676	5	13,881	5
			36	6	1,080	4	1,032	3	7,695	4	65	7	3,671	7	3,711	7	18,809	7
			2	0	1,467	5	1,416	4	7,727	4	0	0	151	0	165	0	976	0
			640	100	31,952	100	32,666	100	187,909	100	902	100	52,848	100	53,449	100	276,701	100

- Class level:** As reported by your institution.
 - Item numbers:** Numbering corresponds to the survey facsimile available on the NSSE website.
 - Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
 - Response options:** Response options are worded as they appear on the instrument (except where abbreviations are used for formatting purposes).
 - Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.
- Note: Column percentages are weighted by institution-reported sex and enrollment status. Comparison group percentages are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: go.iu.edu/NSSE-weights

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Item wording or description	Variable name	Response options	First-Year Students								Seniors								
			Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
23a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	202	79	3,531	87	10,107	77	145,661	86	244	84	3,574	86	9,157	80	176,168	86	
		More than one	54	21	501	13	3,198	23	23,514	14	45	16	580	14	2,459	20	28,212	14	
		Total	256	100	4,032	100	13,305	100	169,175	100	289	100	4,154	100	11,616	100	204,380	100	
	First major or expected first major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJfirstcol (Recoded from MAJfirst.)	Arts & Humanities	43	17	400	10	1,743	13	15,878	9	48	16	527	13	1,873	16	19,184	9
			Biological Sci., Agriculture, & Natural Resources	36	14	529	13	2,174	16	20,301	12	34	12	534	13	1,758	15	19,451	9
			Physical Sci., Mathematics, & Computer Science	19	8	337	9	1,260	10	10,465	7	23	9	338	9	1,120	10	11,376	6
			Social Sciences	38	15	588	15	2,427	18	19,572	11	40	14	667	16	2,343	20	25,068	12
			Business	43	18	437	12	1,317	11	23,557	15	30	11	541	14	1,337	12	32,725	17
			Communications, Media, & Public Relations	7	3	105	3	324	2	5,230	3	9	3	107	2	432	3	7,125	3
			Education	13	5	497	11	785	6	12,346	7	7	2	404	9	593	5	14,563	7
			Engineering	0	0	195	6	463	4	12,392	9	0	0	181	5	439	4	16,101	10
			Health Professions	51	19	480	12	1,155	9	26,252	15	89	29	503	12	952	8	32,057	15
			Social Service Professions	5	2	157	4	331	3	8,525	5	4	2	149	3	256	2	10,134	5
			All Other	2	1	78	2	394	3	7,512	5	4	1	134	3	442	4	13,813	7
Undecided, Undeclared	0	0	115	3	664	5	4,093	2	0	0	16	0	10	0	339	0			
Total	257	100	3,918	100	13,037	100	166,123	100	288	100	4,101	100	11,555	100	201,936	100			
Second major or expected second major, in NSSE's default related-major categories. (This does not reflect any customization made for the Major Field Report.)	MAJsecondcol (Recoded from MAJsecond.)	Arts & Humanities	16	30	92	19	969	30	4,405	18	11	23	109	20	863	35	4,934	17	
		Biological Sci., Agriculture, & Natural Resources	2	5	31	6	228	7	1,318	6	0	0	51	8	172	7	1,491	6	
		Physical Sci., Mathematics, & Computer Science	5	11	36	9	322	11	1,691	8	4	10	53	11	202	9	1,866	8	
		Social Sciences	10	18	92	19	758	25	4,142	18	6	15	122	22	567	24	4,674	17	
		Business	8	16	37	10	221	8	3,626	18	8	19	53	9	215	9	5,030	20	
		Communications, Media, & Public Relations	2	4	11	2	80	2	740	3	1	3	13	3	93	4	808	3	
		Education	3	6	61	11	167	5	1,381	6	7	15	70	13	103	4	1,834	6	
		Engineering	0	0	9	3	23	1	631	4	0	0	8	1	10	1	696	3	
		Health Professions	5	8	34	8	87	3	1,307	6	4	8	39	7	70	3	2,201	8	
		Social Service Professions	0	0	26	6	77	3	1,238	6	2	5	10	2	55	2	1,261	5	
		All Other	1	2	22	5	66	2	945	5	1	2	22	5	61	2	1,472	6	
		Undecided, Undeclared	0	0	13	3	68	2	488	2	0	0	3	0	2	0	263	1	
		Total	52	100	464	100	3,066	100	21,912	100	44	100	553	100	2,413	100	26,530	100	
24. What is your class level?	class	Freshman/First-year	200	77	3,446	86	12,216	91	145,361	86	0	0	8	0	15	0	765	0	
		Sophomore	45	19	452	12	662	6	16,469	11	0	0	24	1	36	0	1,981	1	
		Junior	10	4	40	1	253	2	3,100	2	35	12	209	5	601	5	16,599	9	
		Senior	0	0	9	0	35	0	501	0	251	86	3,442	82	10,798	93	178,487	87	
		Unclassified	1	0	33	1	27	0	992	1	5	2	449	12	105	1	4,809	3	
		Total	256	100	3,980	100	13,193	100	166,423	100	291	100	4,132	100	11,555	100	202,641	100	

Note: Percentages weighted by institution-reported sex and enrollment status (and institutional size for comparisons). Counts are unweighted.

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Item wording or description	Variable name	Response options	First-Year Students								Seniors							
			Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
25. How many courses (not credit hours) have you taken at this institution this current school year?	coursenum21 <i>(Comparison data are limited to NSSE 2021.)</i>	No courses	0	0	1	0	20	1	283	0	1	0	0	0	19	0	709	1
		1 course	0	0	1	0	13	0	332	1	1	0	5	1	47	1	1,161	1
		2 courses	0	0	3	1	23	1	804	1	3	1	8	2	127	3	2,744	3
		3 courses	2	1	2	1	36	1	949	2	3	1	11	3	145	3	3,561	5
		4 courses	9	4	10	3	274	6	3,374	5	17	6	39	10	379	8	7,995	10
		5 courses	22	9	33	8	293	6	4,856	7	14	5	34	9	391	7	7,359	9
		6 courses	9	3	15	4	216	4	3,993	6	16	6	34	9	372	7	6,455	7
		7 courses	6	2	6	1	257	5	2,541	4	11	4	28	7	446	8	4,821	5
		8 courses	17	7	56	14	1,138	19	7,224	10	50	17	47	12	815	15	9,195	10
		9 courses	52	20	67	17	924	14	8,557	12	49	17	49	12	661	11	8,017	9
		10 courses	51	20	108	25	986	16	13,846	19	52	17	52	13	622	10	9,455	11
		11 courses	42	16	59	13	660	10	8,498	12	19	7	16	4	326	5	4,552	5
		12 courses	17	7	31	7	513	8	7,119	10	19	6	14	4	279	5	4,825	5
		13 courses	7	3	8	2	230	4	2,993	4	5	2	5	1	134	2	1,814	2
14 or more courses	21	8	18	4	375	6	5,455	7	30	10	55	14	812	14	14,153	16		
Total	255	100	418	100	5,958	100	70,824	100	290	100	397	100	5,575	100	86,816	100		
26. What types of courses have you taken at this institution this current school year?	coursetype <i>(Comparison data are limited to NSSE 2021.)</i>	Mostly in-person courses	25	10	59	15	797	12	6,029	7	64	23	81	21	964	16	10,623	11
		Mostly remote courses (online, web-based, Zoom, etc.)	51	19	128	31	2,445	48	42,141	65	44	16	159	40	2,395	48	52,514	65
		Mostly hybrid or blended courses that combine in-person and remote instruction	104	42	136	32	1,352	21	12,489	16	107	37	95	24	1,061	18	12,087	13
		A balanced mix of the above course types	71	29	89	21	1,278	19	8,723	12	71	24	61	15	1,062	17	9,510	10
		Total	251	100	412	100	5,872	100	69,382	100	286	100	396	100	5,482	100	84,734	100
27. What have most of your grades been up to now at this institution?	grades	C- or lower	7	3	119	3	194	2	3,163	2	0	0	8	0	21	0	792	0
		C	6	2	117	3	216	2	3,553	2	3	1	49	1	98	1	2,780	1
		C+	4	2	227	6	370	3	5,988	4	4	2	120	3	189	2	6,182	3
		B-	8	3	332	9	632	5	8,960	5	14	5	238	6	459	4	10,032	5
		B	40	16	732	19	1,748	14	24,027	15	46	16	653	16	1,397	13	30,456	15
		B+	37	15	804	20	2,298	17	28,989	17	38	13	899	22	2,149	19	36,328	18
		A-	59	22	786	19	3,541	26	38,909	23	63	22	955	23	3,277	28	44,464	22
		A	96	37	845	21	4,161	31	52,602	32	120	41	1,186	27	3,960	33	71,307	35
Total	257	100	3,962	100	13,160	100	166,191	100	288	100	4,108	100	11,550	100	202,341	100		
28. Did you begin college at this institution or elsewhere?	begincol	Started here	238	94	3,629	91	12,208	92	149,392	89	249	87	2,430	59	9,348	79	107,646	52
		Started elsewhere	16	6	323	9	932	8	16,009	11	37	13	1,678	41	2,173	21	93,628	48
		Total	254	100	3,952	100	13,140	100	165,401	100	286	100	4,108	100	11,521	100	201,274	100

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Item wording or description	Variable name	Response options	First-Year Students								Seniors							
			Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
29. Since graduating from high school, which of the following types of schools have you attended <i>other than</i> the one you are now attending? (Select all that apply.)	attend_voc	Vocational or technical school	0	0	86	3	234	2	5,977	4	3	1	195	7	280	3	13,671	7
	attend_com	Community or junior college	23	9	188	8	767	7	16,151	10	57	19	1,098	39	1,821	18	85,592	44
	attend_col	4-year college or university other than this one	13	5	232	10	1,005	8	14,957	10	32	11	667	24	1,905	18	51,234	26
	attend_none	None	210	83	2,150	80	10,984	83	128,552	76	204	71	1,248	44	7,948	67	80,712	38
	attend_other	Other	10	4	59	2	278	2	4,674	3	6	2	84	3	288	3	6,447	3
30. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	12	5	259	7	647	6	13,095	8	8	3	241	5	366	4	14,983	8
		Bachelor's degree (B.A., B.S., etc.)	65	26	1,458	37	3,854	31	61,622	38	62	22	1,381	34	3,092	28	71,113	36
		Master's degree (M.A., M.S., etc.)	111	44	1,386	35	4,946	37	57,072	34	143	49	1,661	40	4,743	41	76,885	37
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	65	25	844	21	3,662	27	33,678	20	77	27	834	21	3,326	28	39,093	19
		Total	253	100	3,947	100	13,109	100	165,467	100	290	100	4,117	100	11,527	100	202,074	100
31. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	3	1	93	3	431	4	10,090	6	3	1	119	4	329	3	14,965	7
		High school diploma or G.E.D.	23	9	492	17	1,378	11	28,307	17	20	7	530	18	1,131	10	37,738	19
		Attended college, but did not complete degree	18	7	303	11	922	7	15,828	10	24	9	293	10	767	7	20,102	10
		Associate's degree (A.A., A.S., etc.)	15	6	266	9	810	6	14,127	9	21	8	302	10	692	6	19,904	10
		Bachelor's degree (B.A., B.S., etc.)	89	36	758	29	3,716	28	47,893	29	118	41	840	31	3,354	29	56,740	28
		Master's degree (M.A., M.S., etc.)	74	30	584	24	3,868	29	36,223	22	67	23	547	21	3,418	29	37,840	19
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	29	11	156	6	1,968	14	12,560	7	36	12	186	7	1,807	15	14,027	7
		Total	251	100	2,652	100	13,093	100	165,028	100	289	100	2,817	100	11,498	100	201,316	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Not first-generation	192	77	2,342	62	9,552	71	96,676	58	221	76	2,350	59	8,579	73	108,607	54
		First-generation	59	23	1,600	38	3,541	29	68,352	42	68	24	1,746	41	2,919	27	92,709	46
		Total	251	100	3,942	100	13,093	100	165,028	100	289	100	4,096	100	11,498	100	201,316	100
32. What is your gender identity?	genderid	Man	78	39	1,146	38	4,466	42	53,037	41	92	38	1,244	38	3,955	41	65,430	41
		Woman	162	56	2,647	57	8,270	55	108,514	56	185	58	2,694	58	7,193	56	130,845	56
		Another gender identity	5	2	84	2	205	1	1,966	1	10	3	93	2	204	2	2,400	1
		I prefer not to respond	7	3	80	2	182	1	2,121	1	3	1	81	2	170	2	3,140	2
		Total	252	100	3,957	100	13,123	100	165,638	100	290	100	4,112	100	11,522	100	201,815	100

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			Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
33a. Are you an international student? [If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country are in the data file.	internat	No	224	90	2,579	97	12,345	94	157,876	95	277	95	2,703	96	11,016	96	193,519	96
		Yes	26	10	76	3	769	6	7,406	5	13	5	118	4	478	4	7,795	4
		Total	250	100	2,655	100	13,114	100	165,282	100	290	100	2,821	100	11,494	100	201,314	100
	countrycol (Recoded from country.)	Africa Sub-Saharan	4	23	6	11	77	10	498	9	1	7	7	6	47	10	526	8
		Asia	13	68	22	32	303	43	2,889	45	11	93	23	22	183	43	3,206	47
		Canada	0	0	3	3	47	6	269	4	0	0	2	2	28	6	257	3
		Europe	0	0	17	27	122	18	982	16	0	0	16	18	74	17	805	11
		Latin America and Caribbean	1	5	16	24	114	18	1,133	19	0	0	54	48	76	19	1,370	22
		Middle East and North Africa	1	5	2	4	18	2	289	6	0	0	4	3	9	2	452	8
		Oceania	0	0	0	0	12	2	116	2	0	0	0	0	11	3	120	1
Unknown region/uncoded		0	0	0	0	0	0	6	0	0	0	2	2	0	0	4	0	
Total	19	100	66	100	693	100	6,182	100	12	100	108	100	428	100	6,740	100		
34. How would you describe yourself? (Select all that apply.)	re_amin re_asian re_black re_latino re_mena re_pacific re_white re_another	American Indian or Alaska Native	3	1	157	5	277	2	3,403	2	2	1	120	4	182	2	3,961	2
		Asian	24	9	148	5	1,203	9	18,191	11	22	8	154	5	805	7	20,593	10
		Black or African American	10	4	250	9	937	8	19,650	13	11	4	243	9	596	6	20,649	11
		Hispanic or Latina/o	8	3	299	10	1,354	11	27,904	17	8	3	256	9	914	9	33,321	17
		Middle Eastern or N. African	2	1	37	1	127	1	2,474	2	1	0	26	1	93	1	2,897	2
		Native Hawaiian/Other Pac. Islander	0	0	14	1	135	1	1,998	1	2	1	22	1	87	1	2,286	1
		White	212	85	1,990	76	10,219	76	107,248	63	257	89	2,139	77	9,412	80	130,034	63
		Another race or ethnicity	1	1	27	1	143	1	2,101	1	0	0	48	2	137	1	2,905	2
	re_pnr	I prefer not to respond	6	3	63	3	265	2	3,725	2	8	3	96	3	302	3	6,572	3
	Racial or ethnic identification	re_all19 (Items re_amin to re_pnr recoded where each student is represented only once)	American Indian or Alaska Native	0	0	68	2	82	1	768	0	0	0	43	1	46	0	1,002
Asian			21	8	101	4	822	6	13,729	8	14	5	106	4	538	5	15,952	8
Black or African American			7	3	178	7	648	6	14,922	10	7	2	187	7	434	4	16,565	9
Hispanic or Latina/o			1	0	169	6	715	6	18,348	11	0	0	153	5	540	5	23,847	12
Middle Eastern or N. African			1	1	17	1	52	0	1,323	1	0	0	12	0	37	0	1,715	1
Native Hawaiian/Other Pac. Islander			0	0	4	0	29	0	504	0	0	0	4	0	21	0	689	0
White			199	79	1,752	68	9,044	67	92,279	54	238	82	1,925	69	8,614	73	114,730	56
Another race or ethnicity			1	1	8	0	56	0	878	1	0	0	27	1	63	1	1,425	1
Multiracial			15	6	292	10	1,372	10	18,645	11	21	7	263	9	906	8	18,810	10
I prefer not to respond			6	3	63	3	265	2	3,725	2	8	3	96	3	302	3	6,572	3
Total	251	100	2,652	100	13,085	100	165,121	100	288	100	2,816	100	11,501	100	201,307	100		

NSSE 2021 Respondent Profile

Truman State University

Item wording or description	Variable name	Response options	First-Year Students								Seniors							
			Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
35. Are you a member of a social fraternity or sorority?	greek	No	181	72	3,751	94	11,898	91	152,237	92	208	72	3,790	92	9,659	84	181,260	90
		Yes	71	28	195	6	1,208	9	12,990	8	81	28	306	8	1,857	16	20,238	10
		Total	252	100	3,946	100	13,106	100	165,227	100	289	100	4,096	100	11,516	100	201,498	100
36. Which of the following best describes where you are living while attending college?	living18	Campus housing (other than a fraternity or sorority house)	204	81	1,925	73	10,152	73	96,718	55	47	16	687	23	5,024	43	30,965	13
		Fraternity or sorority house	2	1	3	0	80	1	808	1	7	3	6	0	332	3	1,950	1
		House, apartment, or other residence within walking distance to campus	28	11	96	4	920	7	8,984	6	199	69	652	26	2,870	22	41,020	21
		House, apartment, or other residence farther than walk. dist. to campus	13	5	556	20	1,458	15	44,770	29	35	12	1,281	44	2,987	29	106,483	54
		Not applicable: No campus, entirely online program, etc.	3	1	56	2	434	4	12,729	9	1	0	164	6	238	2	19,499	10
		Not applicable: Homeless or in transition	2	1	9	0	18	0	518	0	0	0	15	0	23	0	763	0
Total	252	100	2,645	100	13,062	100	164,527	100	289	100	2,805	100	11,474	100	200,680	100		
37. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	225	89	3,543	90	10,417	81	149,414	92	270	93	3,829	94	9,741	85	190,056	96
		Yes	26	11	388	10	2,645	19	15,207	8	18	7	257	6	1,754	15	10,756	4
		Total	251	100	3,931	100	13,062	100	164,621	100	288	100	4,086	100	11,495	100	200,812	100
38. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	250	99	2,622	99	12,995	99	161,521	98	284	98	2,724	96	11,313	98	191,334	94
		Yes	2	1	22	1	81	1	3,131	2	5	2	90	4	176	2	9,530	6
		Total	252	100	2,644	100	13,076	100	164,652	100	289	100	2,814	100	11,489	100	200,864	100
39a. Do you have a disability or condition that impacts your learning, working, or living activities?	disability21 (Comparison data are limited to NSSE 2021).	No	204	81	295	71	4,723	79	57,081	81	238	83	304	78	4,266	76	69,909	81
		Yes	39	15	94	23	957	16	9,945	14	43	14	62	15	1,053	19	12,490	14
		I prefer not to respond	8	3	27	6	245	5	3,265	5	8	3	29	7	227	5	3,863	5
		Total	251	100	416	100	5,925	100	70,291	100	289	100	395	100	5,546	100	86,262	100

NSSE 2021 Respondent Profile

Truman State University

Item wording or description	Variable name	Response options	First-Year Students								Seniors							
			Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
b. [If answered "yes"]		Sensory disability																
Which of the following impacts your learning, working, or living activities? (Select all that apply.)	dis_vision	Blind or low vision	2	6	7	8	28	3	355	4	0	0	1	2	16	2	361	3
	dis_hearing	Deaf or hard of hearing	1	2	3	4	21	3	380	4	0	0	4	7	28	3	587	5
		Physical disability																
	dis_walking	Mobility condition that affects walking	1	2	1	2	38	4	486	5	0	0	2	3	51	5	981	9
(Comparison data are limited to NSSE 2021).	dis_nonwalking	Mobility condition that does not affect walking	0	0	1	2	19	2	199	2	0	0	1	2	23	3	367	3
	dis_speech	Speech or communication disorder	0	0	0	0	7	1	154	2	2	6	0	0	9	1	216	2
	dis_brain	Traumatic or acquired brain injury	0	0	0	0	14	2	193	2	1	3	1	2	31	3	442	4
		Mental health or developmental disability																
	dis_anxiety	Anxiety	31	76	53	53	627	65	6,673	65	32	72	44	70	736	68	8,143	64
	dis_adhd	Attention deficit or hyperactivity disorder (ADD or ADHD)	16	44	38	40	330	36	3,712	39	16	36	22	35	401	39	4,489	36
	dis_autism	Autism spectrum	3	10	6	7	71	9	671	8	1	3	5	8	51	5	748	7
	dis_depress	Depression	26	65	43	45	524	55	5,223	52	25	57	33	53	642	59	6,666	53
	dis_othmental	Another mental health or developmental disability (schizophrenia, eating disorder, etc.)	8	19	22	23	174	17	1,857	18	7	15	18	28	202	19	2,227	17
		Another disability or condition																
	dis_chronic	Chronic medical condition (asthma, diabetes, Crohn's disease, etc.)	9	21	11	12	171	17	1,787	18	9	20	9	14	208	21	2,634	21
	dis_learning	Learning disability	7	18	236	40	667	31	6,693	31	3	7	260	39	621	31	8,063	29
	dis_intellect	Intellectual disability	1	3	0	0	5	1	69	1	0	0	0	0	6	1	102	1
	dis_notlisted	Disability or condition not listed	0	0	6	6	47	5	639	7	1	3	4	7	60	6	901	8

NSSE 2021 Respondent Profile

Truman State University

Item wording or description	Variable name	Response options	First-Year Students								Seniors								
			Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
<i>(Comparison data are limited to NSSE 2021).</i>	disability21_all <i>(Items dis_vision to dis_notlisted recoded where each student is represented only once.)</i>	Blind or low vision	1	1	1	0	5	0	69	0	0	0	0	0	4	0	70	0	
		Deaf or hard of hearing	0	0	1	0	9	0	133	0	0	0	1	0	5	0	154	0	
		Mobility condition that affects walking	0	0	0	0	2	0	76	0	0	0	0	0	6	0	143	0	
		Mobility condition that does not affect walking	0	0	0	0	3	0	24	0	0	0	0	0	4	0	44	0	
		Speech or communication disorder	0	0	0	0	0	0	16	0	1	0	0	0	1	0	17	0	
		Traumatic or acquired brain injury	0	0	0	0	2	0	16	0	0	0	0	0	3	0	36	0	
		Anxiety	1	0	6	1	54	1	552	1	5	2	4	1	40	1	547	1	
		Attention deficit or hyperactivity disorder (ADD or ADHD)	3	1	11	3	67	1	729	1	3	1	3	1	61	1	830	1	
		Autism spectrum	0	0	2	1	16	0	123	0	1	0	1	0	8	0	124	0	
		Depression	0	0	0	0	23	0	125	0	0	0	0	0	23	0	184	0	
		Another mental health or developmental disability (schizophrenia, eating disorder, etc.)	0	0	2	0	13	0	71	0	0	0	3	1	12	0	117	0	
		Chronic medical condition (asthma, diabetes, Crohn's disease, etc.)	1	1	3	1	46	1	376	1	3	1	0	0	44	1	557	1	
		Learning disability	1	0	6	2	42	1	406	1	1	0	2	0	38	1	436	1	
		Intellectual disability	0	0	0	0	0	0	5	0	0	0	0	0	1	0	12	0	
		Disability or condition not listed	0	0	2	0	10	0	139	0	0	0	1	0	11	0	192	0	
		Multiple disabilities or conditions	32	12	60	14	658	11	7,012	10	29	9	47	11	787	14	8,929	10	
		No disability or condition	204	81	295	71	4,723	80	57,081	81	238	83	304	78	4,266	77	69,909	81	
Prefer not to respond	8	3	27	6	245	5	3,265	5	8	3	29	7	227	5	3,863	5			
Total	251	100	416	100	5,918	100	70,218	100	289	100	395	100	5,541	100	86,164	100			
40.	Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	162	65	2,950	76	10,100	78	130,465	80	209	73	3,076	76	8,845	77	161,406	81
			Bisexual	28	11	409	9	1,239	9	14,330	8	31	10	402	9	1,061	9	14,547	7
			Gay	9	5	59	2	151	1	2,241	2	10	4	71	2	230	3	3,449	2
			Lesbian	3	1	67	1	201	1	2,388	1	10	3	67	1	151	1	2,696	1
			Queer	6	2	86	2	270	2	2,021	1	9	3	108	2	321	3	2,888	1
			Questioning or unsure	13	5	93	2	332	2	3,296	2	9	3	63	1	217	2	2,430	1
			Another sexual orientation	12	5	85	2	244	2	2,562	2	6	2	91	2	200	2	2,856	1
			I prefer not to respond	16	6	181	4	539	4	7,569	5	4	1	219	5	467	4	10,710	5
			Total	249	100	3,930	100	13,076	100	164,872	100	288	100	4,097	100	11,492	100	200,982	100

NSSE 2021 Respondent Profile

Truman State University

			First-Year Students								Seniors							
Item wording or description	Variable name	Response options	Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Institution-reported information (Variables provided by your institution in your NSSE population file.)																		
Institution-reported: Sex	IRsex19	Female	226	60	3,845	58	10,810	55	148,623	57	224	59	3,565	60	8,796	56	166,321	57
		Male	102	40	1,775	42	5,994	45	73,866	43	117	41	1,696	40	4,995	44	84,886	43
		Another	0	0	0	0	9	0	47	0	0	0	0	0	4	0	21	0
		Unknown	0	0	0	0	5	0	489	0	0	0	3	0	3	0	499	0
		Total	328	100	5,620	100	16,818	100	223,025	100	341	100	5,264	100	13,798	100	251,727	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	0	0	131	4	119	1	1,065	1	0	0	81	2	65	0	1,405	1
		Asian	5	1	100	3	684	4	13,562	7	6	2	102	3	490	4	15,081	7
		Black or African American	6	2	210	6	902	6	20,835	12	8	2	169	6	547	4	20,772	10
		Hispanic or Latino	14	4	310	9	1,636	11	32,040	16	13	4	228	7	1,093	9	35,248	16
		Native Hawaiian/Other Pac. Islander	0	0	4	0	58	0	685	0	0	0	4	0	20	0	925	0
		White	261	79	2,145	70	11,250	66	112,023	53	285	83	2,062	74	10,082	72	129,887	56
		Other	0	0	0	0	0	0	26	0	0	0	0	0	0	0	35	0
		Foreign or nonresident	33	10	38	1	786	5	7,030	3	15	5	37	1	477	4	7,851	4
		Two or more races/ethnicities	6	2	127	4	703	4	8,367	4	13	4	134	4	503	4	8,311	4
		Unknown	3	1	100	3	415	3	6,421	3	1	0	57	2	344	3	7,287	3
Total	328	100	3,165	100	16,553	100	202,054	100	341	100	2,874	100	13,621	100	226,802	100		
Institution-reported: Class level	IRclass	Freshman/First-year	328	100	5,620	100	16,818	100	223,025	100	0	0	0	0	0	0	0	0
		Sophomore	0	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	0
		Senior	0	0	0	0	0	0	0	0	341	100	5,264	100	13,798	100	251,727	100
		Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	328	100	5,620	100	16,818	100	223,025	100	341	100	5,264	100	13,798	100	251,727	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	60	19	658	12	934	8	30,718	16	341	100	5,264	100	13,232	97	249,524	99
		First-time first-year	268	81	4,962	88	15,884	92	192,307	84	0	0	0	0	566	3	2,202	1
		Total	328	100	5,620	100	16,818	100	223,025	100	341	100	5,264	100	13,798	100	251,726	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	11	3	110	2	332	4	9,755	6	14	5	587	12	957	9	40,016	19
		Full-time	317	97	5,510	98	16,486	96	213,270	94	327	95	4,677	88	12,841	91	211,711	81
		Total	328	100	5,620	100	16,818	100	223,025	100	341	100	5,264	100	13,798	100	251,727	100
Institution-reported: Age category	IRagecol <i>(Recoded from the institution-reported birth year in 2021; self-reported in 2020.)</i>	19 or younger	295	90	3,576	87	12,977	85	164,987	85	1	0	21	0	28	0	1,951	1
		20-23	33	10	321	9	1,438	11	11,819	7	331	97	2,935	71	10,049	78	143,069	62
		24-29	0	0	93	2	127	2	3,676	2	6	2	658	16	1,688	13	36,084	17
		30-39	0	0	41	1	85	1	4,289	3	3	1	310	8	456	5	22,061	11
		40-55	0	0	21	0	40	1	3,278	2	0	0	175	4	312	3	16,080	8
		Over 55	0	0	6	0	8	0	488	0	0	0	34	1	63	1	2,833	1
Total	328	100	4,058	100	14,675	100	188,537	100	341	100	4,133	100	12,596	100	222,078	100		



NSSE 2021

Frequencies and Statistical Comparisons


Truman State University

NSSE 2021 Frequencies and Statistical Comparisons

About This Report

The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website (nsse.indiana.edu) or contact a member of the NSSE team.

1. **Class level:** As reported by your institution.
 2. **Item numbers:** Numbering corresponds to the survey available on the NSSE website.
 3. **Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.
 4. **Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
 5. **Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.
- Note:** Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: go.iu.edu/NSSE-weights
6. **Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are items 11 a-f which are compared using a z -test.



NSSE Frequencies and Statistical Comparisons

NSSEville State University

Item wording or description	Variable name ^a	Frequency Distributions ^a												Statistical Comparisons ^b					
		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort			
		Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^c	Mean	Effect size ^c	Mean	Effect size ^c	Mean	Effect size ^c		
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	3	0	244	2	54	2	6,952	3	3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43			
1 Never	2 Sometimes	3 Often	4 Very often	Total	135	20	4,397	27	845								29	75,222	33
212	33	5,947	37	1,086	38	81,724	35												
280	46	5,440	34	889	31	66,983	29												
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	82	13	2,369	14	401	14	35,490	16	2.5	2.5	-.04	2.6 *	-.09	2.6	-.05			
1 Never	2 Sometimes	3 Often	4 Very often	Total	267	42	5,959	37	978								34	79,495	34
164	26	4,548	29	858	11	67,348	29												
113	19	3,072	20	61	2	4,208	21												
c. Evaluated what others have concluded from numerical information	QRevaluate	25	4	778	5	134	5	12,543	6	3.1	3.1	.02	3.1	-.04	3.0	.06			
1 Never	2 Sometimes	3 Often	4 Very often	Total	56	9	1,666	11	262								10	28,134	13
384	63	9,147	57	1,586	57	128,802	56												
150	24	4,267	27	851	29	58,873	26												

7. **Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent t -tests use Cohen's d ; z -tests use Cohen's h . Cohen's d is calculated by dividing the mean difference by the pooled standard deviation. Cohen's h is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.
8. **Key to symbols:**
 - ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
 - △ **Your students' average** was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
 - ▽ **Your students' average** was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
 - ▼ **Your students' average** was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman	COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	8	2	402	8	272	2	7,970	4	2.8	2.6 ***	.21	3.0 **	-.18	2.8	.04	
		2	Sometimes	120	37	2,275	41	5,127	31	82,106	37								
		3	Often	122	37	1,802	32	6,119	37	77,628	35								
		4	Very often	75	23	1,100	19	5,223	31	53,703	24								
		Total		325	100	5,579	100	16,741	100	221,407	100								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	36	11	493	9	1,624	12	29,821	15	2.4	2.6 ***	-.19	2.5	-.07	2.4	-.02	
		2	Sometimes	157	48	2,197	40	6,849	41	86,484	40								
		3	Often	91	28	1,864	34	5,546	31	68,608	30								
		4	Very often	42	13	978	17	2,628	15	35,122	15								
		Total		326	100	5,532	100	16,647	100	220,035	100								
c. Explained course material to one or more students	CLexplain	1	Never	31	10	358	6	1,117	9	22,253	11	2.5	2.6 ***	-.21	2.6	-.11	2.5	-.07	
		2	Sometimes	153	46	2,239	40	6,969	42	87,604	40								
		3	Often	105	33	2,041	38	6,019	35	75,736	33								
		4	Very often	36	11	878	16	2,520	15	33,961	15								
		Total		325	100	5,516	100	16,625	100	219,554	100								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	77	24	946	17	2,760	20	47,125	23	2.2	2.5 ***	-.22	2.4 **	-.16	2.3	-.09	
		2	Sometimes	133	41	2,035	37	6,184	37	76,566	35								
		3	Often	74	23	1,616	30	4,879	28	60,729	27								
		4	Very often	38	12	878	16	2,720	15	33,937	15								
		Total		322	100	5,475	100	16,543	100	218,357	100								
e. Worked with other students on course projects or assignments	CLproject	1	Never	20	7	419	8	1,313	10	26,734	14	2.6	2.6	-.03	2.6	.03	2.5 *	.11	
		2	Sometimes	141	43	2,124	39	6,491	39	83,525	39								
		3	Often	111	34	2,009	37	5,913	35	72,223	32								
		4	Very often	49	16	873	16	2,754	16	34,581	15								
		Total		321	100	5,425	100	16,471	100	217,063	100								
f. Given a course presentation	present	1	Never	54	16	1,256	23	2,835	18	49,372	24	2.1	2.1	.01	2.2 *	-.10	2.2	-.02	
		2	Sometimes	191	60	2,552	47	8,169	49	96,714	44								
		3	Often	58	18	1,194	22	4,043	24	50,370	22								
		4	Very often	17	6	410	7	1,401	8	20,272	9								
		Total		320	100	5,412	100	16,448	100	216,728	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Truman						
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	
												Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
2. During the current school year, about how often have you done the following?																		
a. Combined ideas from different courses when completing assignments	RIIntegrate	1	Never	31	10	520	10	1,192	8	20,900	11	2.5	2.5	-0.06	2.6 **	-0.15	2.5	-0.06
		2	Sometimes	136	43	2,150	41	6,321	39	85,067	40							
		3	Often	112	35	1,925	36	6,152	37	76,913	35							
		4	Very often	34	11	714	13	2,570	15	30,461	14							
		Total		313	100	5,309	100	16,235	100	213,341	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	41	14	577	12	1,001	7	20,788	11	2.5	2.5	-0.03	2.7 ***	-0.25	2.6	-0.07
		2	Sometimes	118	38	1,997	39	5,430	34	80,235	38							
		3	Often	110	35	1,884	35	6,380	39	75,637	35							
		4	Very often	45	14	788	15	3,292	20	34,758	16							
		Total		314	100	5,246	100	16,103	100	211,418	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	30	10	649	13	981	7	22,275	12	2.5	2.5	-0.01	2.7 ***	-0.26	2.6	-0.06
		2	Sometimes	135	44	1,904	37	5,309	33	76,460	37							
		3	Often	101	32	1,779	34	6,289	39	73,000	34							
		4	Very often	46	15	853	16	3,413	21	37,702	17							
		Total		312	100	5,185	100	15,992	100	209,437	100							
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	23	7	313	6	578	4	10,161	5	2.7	2.7	-0.03	2.8 **	-0.18	2.8	-0.10
		2	Sometimes	96	32	1,736	34	4,674	30	65,733	32							
		3	Often	139	46	2,207	43	7,466	46	92,111	44							
		4	Very often	45	15	859	17	3,096	20	38,833	19							
		Total		303	100	5,115	100	15,814	100	206,838	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	Rlperspect	1	Never	14	4	185	4	307	2	6,198	3	2.8	2.9	-0.05	3.0 **	-0.18	2.9	-0.11
		2	Sometimes	77	26	1,378	28	3,748	24	52,983	26							
		3	Often	158	52	2,305	45	7,673	49	94,668	46							
		4	Very often	53	18	1,141	22	3,874	25	49,606	24							
		Total		302	100	5,009	100	15,602	100	203,455	100							
f. Learned something that changed the way you understand an issue or concept	Rlnewview	1	Never	16	5	148	3	355	3	6,367	4	2.7	2.8	-0.11	2.9 ***	-0.23	2.8 *	-0.13
		2	Sometimes	96	33	1,525	32	4,120	28	60,442	31							
		3	Often	133	45	2,214	44	7,211	46	89,645	44							
		4	Very often	49	17	1,017	20	3,701	23	43,676	22							
		Total		294	100	4,904	100	15,387	100	200,130	100							

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Effect size ^e	Effect size ^e	
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	10	3	84	2	137	1	3,068	2	2.9	3.0	-.03	3.1 ***	-.21	3.0	-.09
		2	Sometimes	58	20	1,089	23	2,564	18	41,736	22							
		3	Often	157	54	2,446	50	7,824	51	97,828	49							
		4	Very often	64	22	1,210	25	4,687	30	54,819	28							
		Total		289	100	4,829	100	15,212	100	197,451	100							
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	58	21	1,482	31	3,208	22	40,609	22	2.2	2.1 *	.12	2.2	-.05	2.3	-.09
		2	Sometimes	142	49	1,951	41	6,830	45	85,532	43							
		3	Often	62	22	936	19	3,465	22	46,278	23							
		4	Very often	23	8	449	9	1,701	11	24,792	12							
		Total		285	100	4,818	100	15,204	100	197,211	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	146	50	2,633	55	7,149	49	100,222	52	1.7	1.7	.05	1.8	-.06	1.7	-.03
		2	Sometimes	93	34	1,402	29	5,056	32	58,345	29							
		3	Often	31	11	532	11	2,015	13	25,602	13							
		4	Very often	14	5	229	5	907	6	11,922	6							
		Total		284	100	4,796	100	15,127	100	196,091	100							
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	104	37	1,674	35	3,976	28	68,628	37	1.9	1.9	-.08	2.1 ***	-.22	1.9	-.07
		2	Sometimes	129	45	1,960	41	6,737	44	78,119	39							
		3	Often	35	13	809	17	3,064	20	33,630	17							
		4	Very often	15	6	291	6	1,221	8	13,680	7							
		Total		283	100	4,734	100	14,998	100	194,057	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	95	34	1,501	32	3,519	25	51,421	27	1.9	2.0	-.08	2.1 ***	-.23	2.1 **	-.19
		2	Sometimes	131	46	2,043	43	7,160	47	87,265	45							
		3	Often	40	14	876	18	3,173	21	39,534	20							
		4	Very often	16	6	311	6	1,156	8	15,777	8							
		Total		282	100	4,731	100	15,008	100	193,997	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	14	5	191	4	764	5	8,709	5	2.8	2.9	-.12	2.8	.06	2.9	-.03
		2	Some	77	27	1,201	25	4,507	30	52,623	28							
		3	Quite a bit	130	47	2,035	44	6,494	43	85,652	44							
		4	Very much	59	21	1,272	27	3,146	21	45,558	23							
		Total		280	100	4,699	100	14,911	100	192,542	100							

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Truman State University

First-Year Students

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Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Truman						
				Count	%	Count	%	Count	%	Count	%	Count	%	Mean	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	
												Effect size ^e						
												Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	12	4	187	4	409	3	7,487	4	2.8	2.9 *	-0.15	3.0 ***	-0.22	2.9 *	-0.12
		2	Some	91	32	1,170	25	3,375	23	50,046	26							
		3	Quite a bit	120	44	2,187	47	7,242	49	88,863	46							
		4	Very much	55	20	1,115	24	3,812	25	44,902	23							
		Total		278	100	4,659	100	14,838	100	191,298	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	15	5	172	4	414	3	7,447	4	2.8	2.9	-0.04	3.0 **	-0.19	2.9	-0.06
		2	Some	79	28	1,301	29	3,253	23	50,621	27							
		3	Quite a bit	122	44	2,040	44	6,876	46	84,513	44							
		4	Very much	62	23	1,081	23	4,167	28	46,468	24							
		Total		278	100	4,594	100	14,710	100	189,049	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	16	6	241	6	430	3	7,309	4	2.8	2.8	0.01	3.0 **	-0.20	2.9	-0.09
		2	Some	76	28	1,280	29	3,303	23	48,791	26							
		3	Quite a bit	123	45	2,027	44	6,960	47	85,813	45							
		4	Very much	61	22	1,005	21	3,958	27	46,104	24							
		Total		276	100	4,553	100	14,651	100	188,017	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	17	6	205	5	362	3	6,980	4	2.8	2.8	-0.03	3.0 ***	-0.23	2.9	-0.12
		2	Some	69	25	1,300	30	3,389	24	48,914	27							
		3	Quite a bit	148	53	2,034	44	6,990	48	86,565	46							
		4	Very much	44	16	982	21	3,847	26	44,523	23							
		Total		278	100	4,521	100	14,588	100	186,982	100							
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	7	3	124	3	198	2	4,536	3	3.0	3.0	0.04	3.1 *	-0.12	3.0	-0.01
		2	Some	55	19	978	22	2,480	18	39,026	21							
		3	Quite a bit	137	50	2,128	48	7,092	48	84,464	45							
		4	Very much	78	28	1,240	27	4,712	33	57,560	31							
		Total		277	100	4,470	100	14,482	100	185,586	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	13	5	182	4	342	3	8,605	5	2.9	3.0	-0.02	3.1 **	-0.19	3.0	-0.03
		2	Some	60	21	1,045	23	2,496	18	41,293	23							
		3	Quite a bit	137	50	2,027	46	7,003	47	82,161	44							
		4	Very much	66	24	1,196	27	4,598	32	52,877	29							
		Total		276	100	4,450	100	14,439	100	184,936	100							

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				Count	%	Count	%	Count	%	Count	%		Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	12	4	148	3	355	3	7,277	4	2.9	3.0	-.12	3.1 ***	-.26	3.0 *	-.13
		2	Some	77	28	1,060	24	2,669	19	42,199	23							
		3	Quite a bit	118	43	1,963	44	6,572	45	78,640	42							
		4	Very much	67	25	1,258	28	4,824	33	56,463	30							
		Total		274	100	4,429	100	14,420	100	184,579	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	30	11	457	11	954	7	14,355	8	2.7	2.7	-.01	2.9 **	-.20	2.8 *	-.13
		2	Some	86	31	1,384	32	3,867	27	53,340	29							
		3	Quite a bit	100	37	1,566	35	5,623	38	67,986	36							
		4	Very much	56	21	1,014	22	3,974	27	48,526	26							
		Total		272	100	4,421	100	14,418	100	184,207	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	18	7	487	11	929	7	16,423	9	2.7	2.6	.07	2.8 *	-.15	2.7	-.04
		2	Some	106	38	1,477	34	4,122	29	58,336	32							
		3	Quite a bit	95	36	1,651	37	6,003	41	68,214	37							
		4	Very much	54	19	798	18	3,302	24	40,589	22							
		Total		273	100	4,413	100	14,356	100	183,562	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	9	3	17	3	187	3	3,382	5	3.0	3.0	.03	3.0	-.05	3.0	.01
		2	Some	61	22	117	25	1,428	22	18,229	23							
		3	Quite a bit	133	49	210	45	2,981	45	32,868	41							
		4	Very much	71	26	125	27	1,866	30	23,320	30							
		Total		274	100	469	100	6,462	100	77,799	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	9	3	12	3	167	3	2,919	4	2.9	3.0 *	-.17	3.0 *	-.14	2.9	-.08
		2	Some	78	28	99	21	1,440	23	18,664	24							
		3	Quite a bit	124	45	231	49	3,101	47	34,541	44							
		4	Very much	62	23	126	27	1,732	28	21,426	28							
		Total		273	100	468	100	6,440	100	77,550	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	25	9	39	8	472	8	8,621	12	2.6	2.6	-.02	2.7	-.08	2.6	.00
		2	Some	103	37	173	37	2,291	35	27,564	35							
		3	Quite a bit	107	40	186	40	2,642	40	27,758	35							
		4	Very much	37	14	67	14	1,021	17	13,409	17							
		Total		272	100	465	100	6,426	100	77,352	100							

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				Count	%	Count	%	Count	%	Count	%	Mean	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Effect size ^e	Effect size ^e	Effect size ^e
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	5	2	13	3	117	2	2,458	4	3.1	3.0	.04	3.2	-.11	3.1	-.01
		2	Some	52	20	95	20	1,004	16	14,407	19							
		3	Quite a bit	128	47	210	46	2,964	45	33,439	43							
		4	Very much	87	31	145	31	2,319	37	26,866	35							
		Total		272	100	463	100	6,404	100	77,170	100							
6. During the current school year, about how often have you done the following?																		
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	33	12	548	12	1,610	11	19,393	10	2.5	2.5	.02	2.6	-.03	2.6	-.05
		2	Sometimes	101	38	1,678	39	5,305	37	67,614	37							
		3	Often	91	34	1,498	35	5,060	37	65,540	37							
		4	Very often	42	16	609	15	2,101	15	27,274	16							
		Total		267	100	4,333	100	14,076	100	179,821	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	47	17	951	22	2,529	18	33,771	19	2.3	2.3	.08	2.4	-.02	2.3	-.01
		2	Sometimes	117	44	1,738	40	5,762	41	71,610	40							
		3	Often	72	27	1,172	27	4,131	30	52,310	29							
		4	Very often	31	12	444	10	1,598	12	21,119	12							
		Total		267	100	4,305	100	14,020	100	178,810	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	50	18	837	19	2,201	16	32,365	18	2.3	2.3	.07	2.4	-.04	2.3	.01
		2	Sometimes	107	40	1,852	43	5,917	42	74,585	42							
		3	Often	81	31	1,214	29	4,364	32	52,607	30							
		4	Very often	28	11	382	9	1,450	11	18,455	11							
		Total		266	100	4,285	100	13,932	100	178,012	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	17	6	208	5	403	3	11,647	7	6.1	6.8	-.11	7.9 ***	-0.28	6.5	-.06
		1.5	1-2	64	24	823	20	2,058	15	35,156	20							
		4	3-5	79	29	1,323	31	4,193	30	56,948	32							
		8	6-10	62	24	1,062	25	3,621	26	39,790	22							
		13	11-15	23	9	461	11	1,861	13	17,855	10							
		18	16-20	8	3	184	4	798	6	7,440	4							
		23	More than 20	12	4	216	5	999	7	8,819	5							
		Total		265	100	4,277	100	13,933	100	177,655	100							

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				Count	%	Count	%	Count	%	Count	%	Mean	COPLAC Mean	Natl Liberal Arts Mean	NSSE 2020 & 2021 Mean	Effect size ^e	Effect size ^e	Effect size ^e	
b. Between 6 and 10 pages	wrmednum	0	None	85	32	1,592	38	3,531	26	66,262	39	2.1	2.2	-0.04	2.5 *	-0.15	2.3	-0.06	
	(Recorded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	112	42	1,556	36	5,912	42	62,495	34								
		4	3-5	50	20	709	16	3,118	22	30,067	17								
		8	6-10	12	4	265	6	991	8	12,238	7								
		13	11-15	4	2	88	2	251	2	3,724	2								
		18	16-20	0	0	19	0	58	0	1,020	1								
		23	More than 20	1	0	33	1	45	0	1,274	1								
		Total			264	100	4,262	100	13,906	100	177,080	100							
c. 11 pages or more	wrlongnum	0	None	209	79	3,282	78	10,152	72	135,880	77	.6	.9 *	-0.10	.9 *	-0.11	1.0 **	-0.14	
	(Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	45	18	660	15	2,872	21	25,940	14								
		4	3-5	4	1	142	3	475	4	6,707	4								
		8	6-10	0	0	71	2	191	2	3,951	2								
		13	11-15	3	1	52	1	122	1	2,822	2								
		18	16-20	0	0	15	0	41	0	735	0								
		23	More than 20	1	0	30	1	49	0	1,172	1								
		Total			262	100	4,252	100	13,902	100	177,207	100							
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									43.4	51.3 *	-0.11	56.5 ***	-0.21	52.8 *	-0.12	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	13	5	154	4	514	4	10,148	6	2.7	3.1 ***	-0.42	3.0 ***	-0.34	3.0 ***	-0.29	
		2	Sometimes	110	41	1,048	25	3,849	28	46,434	26								
		3	Often	84	32	1,364	32	4,345	31	56,558	32								
		4	Very often	59	22	1,679	39	5,202	37	63,879	36								
			Total	266	100	4,245	100	13,910	100	177,019	100								
b. People from an economic background other than your own	DDeconomic	1	Never	17	7	178	4	445	4	9,961	6	2.8	3.0 **	-0.20	3.0 ***	-0.24	2.9 *	-0.13	
		2	Sometimes	76	29	1,078	26	3,369	25	45,057	26								
		3	Often	105	40	1,555	37	5,050	36	63,869	36								
		4	Very often	67	24	1,422	33	5,015	35	57,672	32								
			Total	265	100	4,233	100	13,879	100	176,559	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Your first-year students compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Effect size ^e	Effect size ^e	
c. People with religious beliefs other than your own	DDreligion	1	Never	14	6	222	5	1,431	11	14,955	9	2.9	3.0	-.09	2.8	.10	2.8	.05
		2	Sometimes	81	31	1,099	27	4,039	29	50,282	28							
		3	Often	82	31	1,456	34	4,080	29	56,219	32							
		4	Very often	87	32	1,451	34	4,325	31	55,113	31							
		Total		264	100	4,228	100	13,875	100	176,569	100							
d. People with political views other than your own	DDpolitical	1	Never	18	7	245	6	887	7	14,969	9	2.8	2.9	-.09	2.9	-.04	2.8	.01
		2	Sometimes	93	35	1,299	30	4,361	31	54,345	30							
		3	Often	74	28	1,384	33	4,348	31	55,271	31							
		4	Very often	80	31	1,307	31	4,290	31	52,100	30							
		Total		265	100	4,235	100	13,886	100	176,685	100							
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	10	4	94	2	173	2	3,818	2	2.9	3.0	-.01	3.1 ***	-.24	3.0	-.06
		2	Sometimes	64	24	1,047	25	2,391	18	39,945	23							
		3	Often	119	45	1,972	47	6,575	47	82,699	47							
		4	Very often	71	27	1,092	25	4,667	33	49,049	27							
		Total		264	100	4,205	100	13,806	100	175,511	100							
b. Reviewed your notes after class	LSnotes	1	Never	15	6	221	6	701	5	8,309	5	2.8	2.8	-.06	2.8	-.06	2.9 *	-.13
		2	Sometimes	91	35	1,327	33	4,445	33	50,470	29							
		3	Often	91	35	1,474	35	4,862	35	63,789	36							
		4	Very often	66	25	1,172	27	3,782	27	52,729	29							
		Total		263	100	4,194	100	13,790	100	175,297	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	21	8	262	6	755	6	9,634	6	2.7	2.8	-.11	2.8 *	-.14	2.8 **	-.17
		2	Sometimes	93	35	1,331	32	4,400	32	52,895	30							
		3	Often	98	37	1,611	38	5,369	39	68,419	39							
		4	Very often	53	20	993	23	3,266	24	44,390	25							
		Total		265	100	4,197	100	13,790	100	175,338	100							

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
	challenge	1	Not at all	3	1	32	1	82	1	1,441	1	5.3	5.4 *	-14	5.5 ***	-22	5.4	-11	
		2		3	1	44	1	105	1	2,206	1								
		3		12	4	170	4	431	3	8,159	5								
		4		35	14	504	12	1,293	10	21,521	13								
		5		98	37	1,446	35	4,654	33	57,993	33								
		6		72	27	1,084	26	4,186	30	43,771	24								
		7	Very much	40	15	890	21	2,959	22	39,087	23								
			Total	263	100	4,170	100	13,710	100	174,178	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	39	15	760	18	1,847	15	25,417	16	2%	6% **	-24	7% **	-26	6% **	-24		
		Do not plan to do	19	7	243	6	467	4	9,437	6									
		Plan to do	199	76	2,877	69	10,400	75	127,706	72									
		Done or in progress	4	2	273	6	964	7	11,150	6									
		Total	261	100	4,153	100	13,678	100	173,710	100									
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	74	28	1,290	31	3,973	30	51,920	30	22%	10% ***	.36	10% ***	.33	9% ***	.39		
		Do not plan to do	39	15	1,174	29	2,814	22	42,216	26									
		Plan to do	91	34	1,281	31	5,405	38	63,695	36									
		Done or in progress	58	22	390	10	1,454	10	15,415	9									
		Total	262	100	4,135	100	13,646	100	173,246	100									
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	103	40	1,574	38	5,460	40	61,281	35	7%	8%	-0.05	7%	-0.02	11% *	-0.14		
		Do not plan to do	93	35	1,189	30	3,364	25	44,038	26									
		Plan to do	45	17	1,008	24	3,705	27	48,311	27									
		Done or in progress	18	7	354	8	1,065	7	19,018	11									
		Total	259	100	4,125	100	13,594	100	172,648	100									
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	83	31	1,327	32	3,520	27	50,620	30	3%	2%	.05	2%	.05	2%	.03		
		Do not plan to do	80	32	1,214	30	2,584	21	49,889	31									
		Plan to do	92	35	1,503	36	7,246	50	68,525	37									
		Done or in progress	6	3	85	2	270	2	3,588	2									
		Total	261	100	4,129	100	13,620	100	172,622	100									

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Statistical Comparisons							
				Count	%	Count	%	Count	%	Count	%	Mean	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Effect size ^e	Effect size ^e	Effect size ^e	Effect size ^e
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	98	38	1,688	40	5,083	38	68,293	40	8%	4% **	.15	4% *	.13	4% **	.14	
			Do not plan to do	47	18	943	23	2,136	16	39,865	24								
			Plan to do	96	37	1,323	32	5,788	41	57,193	33								
			Done or in progress	19	8	170	4	610	4	7,275	4								
			Total	260	100	4,124	100	13,617	100	172,626	100								
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	47	19	1,569	38	3,942	30	60,302	36	2%	2%	.04	1%	.10	2%	.03	
			Do not plan to do	8	3	565	14	816	7	18,334	11								
			Plan to do	200	75	1,905	46	8,720	62	90,796	51								
			Done or in progress	6	2	78	2	132	1	3,092	2								
			Total	261	100	4,117	100	13,610	100	172,524	100								
12. About how many of your courses at this institution have included a community-based project (service-learning)?																			
	servcourse		1 None	60	23	2,134	53	7,351	55	87,102	51	1.8	1.6 ***	.40	1.5 ***	.42	1.6 ***	.33	
			2 Some	190	73	1,655	40	5,274	38	69,519	40								
			3 Most	8	3	266	6	796	6	12,161	7								
			4 All	2	1	49	1	134	1	2,761	2								
			Total	260	100	4,104	100	13,555	100	171,543	100								
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	Q1student		1 Poor	4	2	71	2	164	2	3,560	2	5.2	5.4 *	-.13	5.5 **	-.19	5.3	-.08	
			2	4	1	67	2	238	2	4,128	3								
			3	13	5	201	5	576	4	9,153	6								
			4	43	16	512	12	1,392	11	20,639	12								
			5	80	31	1,123	27	3,543	26	44,106	25								
			6	71	27	1,162	28	4,150	30	44,896	25								
			7 Excellent	43	16	920	23	3,342	25	40,702	24								
			— Not applicable	2	1	46	1	123	1	4,343	3								
			Total	260	100	4,102	100	13,528	100	171,527	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Academic advisors	Qladvisor	1	Poor	10	4	137	3	323	3	4,688	3	4.8	5.1 **	-0.21	5.4 ***	-0.41	5.4 ***	-0.37	
		2		15	6	193	5	405	3	6,284	4								
		3		25	9	270	7	810	6	11,184	6								
		4		51	19	519	13	1,491	11	20,892	12								
		5		67	26	804	20	2,673	19	34,015	20								
		6		51	20	842	20	3,242	24	37,358	22								
		7	Excellent	37	15	944	23	4,100	30	53,098	31								
		—	Not applicable	4	2	384	10	483	4	3,787	2								
	Total			260	100	4,093	100	13,527	100	171,306	100								
c. Faculty	QIfaculty	1	Poor	5	2	78	2	131	1	3,000	2	5.1	5.3	-0.10	5.6 ***	-0.38	5.4 **	-0.15	
		2		3	1	100	3	172	2	4,173	3								
		3		19	7	222	5	442	3	9,046	5								
		4		44	17	543	13	1,218	9	21,556	13								
		5		70	27	1,063	26	3,097	23	42,512	25								
		6		84	33	1,157	28	4,643	33	47,796	27								
		7	Excellent	33	12	808	20	3,717	28	40,247	24								
		—	Not applicable	2	1	125	3	91	1	2,916	2								
	Total			260	100	4,096	100	13,511	100	171,246	100								
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	7	3	118	3	318	3	5,922	4	4.9	5.1 **	-0.16	5.3 ***	-0.28	5.1 **	-0.16	
		2		5	2	135	3	341	3	6,228	4								
		3		27	10	268	6	754	6	10,747	6								
		4		51	20	537	13	1,594	12	21,463	12								
		5		69	26	816	20	3,067	22	34,925	20								
		6		58	23	858	21	3,294	23	35,380	20								
		7	Excellent	27	10	743	18	3,075	23	35,987	21								
		—	Not applicable	16	6	618	15	1,071	10	20,565	13								
	Total			260	100	4,093	100	13,514	100	171,217	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b								
				Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman	COPLAC		Natl Liberal Arts		NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	9	3	141	4	312	3	5,885	4	4.8								
		2		10	4	155	4	383	3	6,881	4									
		3		18	7	277	7	779	6	11,795	7									
		4		60	23	548	13	1,654	12	23,252	14									
		5		78	29	869	21	2,960	21	36,287	21									
		6		47	19	857	20	3,379	24	36,119	20									
		7	Excellent	25	10	780	19	3,028	23	36,635	22									
		—	Not applicable	13	5	468	12	1,018	8	14,454	9									
	Total			260	100	4,095	100	13,513	100	171,308	100									
14. How much does your institution emphasize the following?																				
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	4	2	66	2	140	1	2,870	2	3.3								
		2	Some	28	12	779	19	1,924	15	32,181	20									
		3	Quite a bit	98	38	1,924	48	6,426	47	81,702	48									
		4	Very much	130	49	1,306	31	4,979	36	53,805	31									
			Total	260	100	4,075	100	13,469	100	170,558	100									
b. Providing support to help students succeed academically	SEacademic	1	Very little	15	6	203	5	352	3	7,155	5	2.7								
		2	Some	83	32	1,026	26	2,479	19	37,491	23									
		3	Quite a bit	114	44	1,739	43	5,958	44	72,622	42									
		4	Very much	47	18	1,105	27	4,655	33	52,859	30									
			Total	259	100	4,073	100	13,444	100	170,127	100									
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	18	7	297	7	602	5	10,929	7	2.8								
		2	Some	71	29	858	21	2,286	18	32,289	20									
		3	Quite a bit	111	42	1,577	39	5,245	39	64,466	38									
		4	Very much	60	23	1,331	32	5,286	38	62,268	36									
			Total	260	100	4,063	100	13,419	100	169,952	100									
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	36	15	544	14	1,508	12	19,324	12	2.5								
		2	Some	95	38	1,244	31	3,919	29	48,608	29									
		3	Quite a bit	81	31	1,349	33	4,658	35	59,449	35									
		4	Very much	45	17	931	22	3,332	24	42,356	25									
			Total	257	100	4,068	100	13,417	100	169,737	100									

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Truman State University

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				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Providing opportunities to be involved socially	SEsocial	1	Very little	25	10	297	7	1,120	9	14,207	9	2.7	2.8 **	-0.20	2.8 **	-0.18	2.8 **	-0.18	
		2	Some	80	31	1,089	28	3,406	26	43,613	26								
		3	Quite a bit	107	42	1,595	39	5,249	39	65,137	38								
		4	Very much	44	17	1,074	26	3,610	26	46,503	27								
		Total		256	100	4,055	100	13,385	100	169,460	100								
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	31	12	338	8	930	7	14,088	9	2.5	2.8 ***	-0.32	2.9 ***	-0.39	2.8 ***	-0.35	
		2	Some	103	41	1,131	28	3,505	26	43,740	26								
		3	Quite a bit	82	32	1,563	38	5,327	40	64,808	38								
		4	Very much	40	15	1,012	25	3,618	27	46,616	27								
		Total		256	100	4,044	100	13,380	100	169,252	100								
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	94	36	1,194	30	3,040	23	39,952	24	1.9	2.1 ***	-0.23	2.3 ***	-0.39	2.3 ***	-0.38	
		2	Some	108	43	1,479	37	5,223	38	61,828	36								
		3	Quite a bit	36	14	949	23	3,497	26	44,482	26								
		4	Very much	18	7	418	10	1,592	12	22,803	13								
		Total		256	100	4,040	100	13,352	100	169,065	100								
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	46	18	493	12	1,612	14	25,387	16	2.4	2.6 ***	-0.21	2.7 ***	-0.23	2.6 **	-0.18	
		2	Some	86	35	1,267	32	3,864	29	46,972	28								
		3	Quite a bit	87	34	1,452	36	4,935	36	58,811	34								
		4	Very much	37	14	825	20	2,953	22	37,749	22								
		Total		256	100	4,037	100	13,364	100	168,919	100								
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	39	15	662	17	1,755	14	32,477	20	2.4	2.4	.00	2.6 *	-0.16	2.4	.01	
		2	Some	102	41	1,530	38	4,488	33	58,885	35								
		3	Quite a bit	84	32	1,265	31	4,767	35	51,353	30								
		4	Very much	31	12	581	14	2,327	17	26,221	15								
		Total		256	100	4,038	100	13,337	100	168,936	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

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Item wording or description	Variable name ^c	Values ^d	Response options	Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021		Truman Mean	COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
15. To what extent do you agree or disagree with the following statements?																		
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	6	3	89	2	281	2	3,470	2	3.1	3.2 *	-14	3.2 ***	-20	3.2 ***	-21
		2	Disagree	22	9	363	10	1,208	9	13,449	8							
		3	Agree	166	64	2,218	54	6,837	51	90,718	53							
		4	Strongly agree	62	24	1,365	34	5,004	37	61,207	36							
		Total		256	100	4,035	100	13,330	100	168,844	100							
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	16	6	203	5	339	3	5,922	4	2.8	2.9 *	-14	3.1 ***	-.44	3.0 ***	-.31
		2	Disagree	57	23	834	21	1,846	14	27,189	17							
		3	Agree	153	59	2,256	56	7,567	57	95,468	56							
		4	Strongly agree	30	12	733	18	3,571	27	40,029	24							
		Total		256	100	4,026	100	13,323	100	168,608	100							
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	15	6	185	5	464	4	6,752	4	2.8	2.9 **	-20	3.0 ***	-.35	3.0 ***	-.28
		2	Disagree	63	25	803	20	2,286	17	30,382	19							
		3	Agree	145	55	2,210	54	6,763	51	89,270	52							
		4	Strongly agree	34	13	832	21	3,822	28	42,407	25							
		Total		257	100	4,030	100	13,335	100	168,811	100							
16. About how many hours do you spend in a typical 7-day week doing the following?																		
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	1	0	24	1	24	0	663	0	17.7	15.1 ***	.31	16.6 *	.13	15.0 ***	.32
		3	1-5 hrs	14	6	470	12	1,019	8	19,587	12							
		8	6-10 hrs	34	14	904	22	2,291	18	35,595	21							
		13	11-15 hrs	50	20	865	21	2,900	22	37,229	22							
		18	16-20 hrs	61	24	767	19	2,840	21	33,398	20							
		23	21-25 hrs	51	20	470	12	2,131	16	20,436	12							
		28	26-30 hrs	28	11	226	6	1,051	8	10,334	6							
		33	More than 30 hrs	16	6	298	8	1,012	8	10,924	7							
		Total		255	100	4,024	100	13,268	100	168,166	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman	COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	48	19	1,594	39	3,669	31	64,764	41	6.9	4.9 *** △	.30	6.3	.08	4.9 ***	.29
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	94	36	1,249	31	4,265	31	51,128	29							
	8	6-10 hrs	63	24	547	14	2,200	16	23,050	13								
	13	11-15 hrs	20	8	278	7	1,379	10	13,553	8								
	18	16-20 hrs	14	6	178	5	926	7	7,862	5								
	23	21-25 hrs	7	3	86	2	434	3	3,847	2								
	28	26-30 hrs	5	2	32	1	170	1	1,451	1								
	33	More than 30 hrs	4	2	41	1	186	1	2,126	1								
	Total			255	100	4,005	100	13,229	100	167,781	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	212	83	3,380	85	8,873	69	136,958	83	1.6	1.5	.01	2.9 ***	-.24	2.0	-.07
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	16	6	149	3	1,186	8	6,531	3							
	8	6-10 hrs	17	6	248	6	1,839	13	9,915	5								
	13	11-15 hrs	4	2	131	3	725	5	6,928	4								
	18	16-20 hrs	5	2	67	2	485	4	4,553	3								
	23	21-25 hrs	1	0	31	1	94	1	1,626	1								
	28	26-30 hrs	1	0	5	0	26	0	459	0								
	33	More than 30 hrs	1	0	8	0	27	0	895	1								
	Total			257	100	4,019	100	13,255	100	167,865	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	216	84	2,593	66	10,197	74	108,573	64	2.1	5.0 ***	-.34	4.1 ***	-.23	6.6 ***	-.42
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	5	238	6	629	5	8,240	5							
	8	6-10 hrs	7	2	308	7	623	5	9,345	5								
	13	11-15 hrs	6	2	278	7	511	4	9,626	6								
	18	16-20 hrs	7	3	266	6	490	4	10,412	6								
	23	21-25 hrs	7	3	138	3	341	3	7,722	5								
	28	26-30 hrs	2	1	72	2	191	2	4,541	3								
	33	More than 30 hrs	1	0	127	3	289	3	9,527	7								
	Total			257	100	4,020	100	13,271	100	167,986	100							
Estimated number of hours working for pay	tmworkhrs										3.7	6.5 ***	-.28	6.9 ***	-.33	8.5 ***	-.41	
	(Continuous variable created by NSSE)																	

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2020 & 2021								Your first-year students compared with						
				Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	176	69	2,468	61	8,569	65	106,334	64	1.5	2.2 ** ▽	-0.16	1.8	-0.07	2.2 ** ▽	-0.15
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	68	26	1,092	27	3,752	27	43,544	25							
		8	6-10 hrs	5	2	236	6	531	4	8,886	5							
		13	11-15 hrs	5	2	118	3	207	2	4,408	3							
		18	16-20 hrs	0	0	52	1	99	1	2,289	1							
		23	21-25 hrs	2	1	31	1	53	0	1,172	1							
		28	26-30 hrs	0	0	10	0	14	0	409	0							
		33	More than 30 hrs	1	0	11	0	33	0	846	1							
	Total			257	100	4,018	100	13,258	100	167,888	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	3	1	60	2	145	1	3,574	2	12.6	12.9	-0.03	12.3	.05	12.4	.03
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	48	18	771	18	2,593	20	35,396	21							
		8	6-10 hrs	74	29	1,075	27	3,858	28	45,341	26							
		13	11-15 hrs	57	22	859	21	2,969	22	35,195	21							
		18	16-20 hrs	34	13	602	15	1,862	14	22,728	14							
		23	21-25 hrs	18	7	265	7	822	6	10,468	6							
		28	26-30 hrs	8	3	113	3	348	3	4,604	3							
		33	More than 30 hrs	13	6	277	7	660	5	10,613	7							
	Total			255	100	4,022	100	13,257	100	167,919	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	231	90	3,080	78	11,396	84	124,398	73	1.0	2.0 *** ▽	-0.19	1.7 ** ▽	-0.13	3.4 *** ▽	-0.30
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	10	4	471	11	953	8	17,906	11							
		8	6-10 hrs	5	2	201	5	299	3	7,909	5							
		13	11-15 hrs	4	2	92	2	228	2	5,502	3							
		18	16-20 hrs	2	1	55	1	108	1	3,166	2							
		23	21-25 hrs	2	1	37	1	79	1	1,829	1							
		28	26-30 hrs	0	0	11	0	29	0	877	1							
		33	More than 30 hrs	1	1	65	1	142	2	6,105	4							
	Total			255	100	4,012	100	13,234	100	167,692	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	147	57	1,494	35	8,258	62	84,277	49	2.3	▼	4.6 ***	-.39	2.2	.03	3.5 ***	-.20
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	90	35	1,368	35	3,874	29	53,166	32								
		8	6-10 hrs	8	3	633	16	591	5	15,856	10								
		13	11-15 hrs	2	1	303	8	231	2	6,879	4								
		18	16-20 hrs	2	1	119	3	126	1	3,289	2								
		23	21-25 hrs	4	2	48	1	64	1	1,680	1								
		28	26-30 hrs	0	0	16	0	33	0	712	0								
		33	More than 30 hrs	2	1	41	1	81	1	2,117	1								
		Total			255	100	4,022	100	13,258	100	167,976								
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																			
reading	tmreadinghrs	1	Very little	36	14	470	12	676	5	18,441	12	2.5	▼	2.8 ***	-.20	3.1 ***	-.51	2.7 **	-.18
		2	Some	103	41	1,303	34	3,510	27	56,975	35								
		3	About half	66	26	1,070	26	3,962	30	48,918	29								
		4	Most	41	16	863	21	3,660	27	31,520	18								
		5	Almost all	9	4	310	7	1,441	10	11,747	7								
			Total			255	100	4,016	100	13,249	100								
<i>(Continuous variable created by NSSE. Calculated as a proportion of tmreadinghrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i>																			
tmreadinghrscol <i>(Collapsed version of tmreadinghrs created by NSSE.)</i>	tmreadinghrscol	1	0 hrs	1	0	24	1	23	0	646	0	7.1	▼	6.8	.05	8.8 ***	-.27	6.8	.05
		2	More than zero, up to 5 hrs	110	45	1,914	49	4,332	34	80,965	50								
		3	More than 5, up to 10 hrs	83	32	1,225	30	4,414	33	49,791	29								
		4	More than 10, up to 15 hrs	35	13	401	10	2,124	16	17,797	10								
		5	More than 15, up to 20 hrs	13	5	243	6	1,220	9	9,382	5								
		6	More than 20, up to 25 hrs	7	3	152	4	797	6	5,964	3								
		7	More than 25 hrs	4	2	41	1	284	2	2,394	1								
			Total			253	100	4,000	100	13,194	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman	COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																		
a. Writing clearly and effectively	pgwrite	1	Very little	31	12	300	8	716	6	11,456	7	2.5	2.7 ***	-0.22	2.9 ***	-0.41	2.8 ***	-0.32
		2	Some	94	37	1,238	32	3,518	26	46,649	28							
		3	Quite a bit	93	36	1,723	42	5,924	45	71,527	42							
		4	Very much	35	14	740	18	3,071	24	37,639	23							
		Total		253	100	4,001	100	13,229	100	167,271	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	38	15	627	16	1,533	12	18,762	12	2.4	2.5	-0.10	2.6 ***	-0.24	2.7 ***	-0.29
		2	Some	105	41	1,337	34	4,594	34	51,983	31							
		3	Quite a bit	84	34	1,429	35	4,755	36	62,555	37							
		4	Very much	25	10	605	15	2,332	18	33,760	20							
		Total		252	100	3,998	100	13,214	100	167,060	100							
c. Thinking critically and analytically	pgthink	1	Very little	12	5	155	4	291	2	5,252	4	3.0	3.0	-0.05	3.1 ***	-0.22	3.1 *	-0.13
		2	Some	51	20	825	21	2,237	17	31,995	20							
		3	Quite a bit	127	50	1,838	45	6,031	45	75,061	44							
		4	Very much	63	25	1,182	29	4,647	35	54,787	33							
		Total		253	100	4,000	100	13,206	100	167,095	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	42	16	594	15	1,981	15	20,783	12	2.5	2.6	-0.10	2.6	-0.11	2.7 **	-0.20
		2	Some	91	36	1,280	31	4,287	32	51,093	30							
		3	Quite a bit	80	32	1,397	36	4,336	33	59,802	36							
		4	Very much	42	16	725	19	2,600	20	35,337	22							
		Total		255	100	3,996	100	13,204	100	167,015	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	45	18	750	19	1,806	14	23,254	15	2.3	2.4	-0.09	2.5 ***	-0.24	2.6 ***	-0.29
		2	Some	111	44	1,475	37	4,791	36	54,212	32							
		3	Quite a bit	74	29	1,223	30	4,395	33	56,797	34							
		4	Very much	24	10	549	14	2,216	17	32,803	20							
		Total		254	100	3,997	100	13,208	100	167,066	100							
f. Working effectively with others	pgothers	1	Very little	33	13	328	9	960	8	13,245	9	2.4	2.7 ***	-0.28	2.8 ***	-0.35	2.8 ***	-0.36
		2	Some	95	37	1,245	32	3,900	30	46,403	28							
		3	Quite a bit	105	42	1,664	41	5,450	41	66,824	39							
		4	Very much	20	8	760	19	2,906	22	40,554	24							
		Total		253	100	3,997	100	13,216	100	167,026	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Truman	COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	55	22	552	15	1,198	10	18,240	12	2.3	2.6 ***	-0.22	2.8 ***	-0.44	2.7 ***	-0.36	
		2	Some	73	29	1,259	32	3,792	29	48,250	29								
		3	Quite a bit	105	41	1,486	36	5,108	38	62,929	37								
		4	Very much	21	8	696	17	3,099	23	37,480	22								
		Total		254	100	3,993	100	13,197	100	166,899	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	34	14	399	11	1,125	9	15,051	10	2.5	2.7 ***	-0.25	2.8 ***	-0.36	2.8 ***	-0.34	
		2	Some	94	38	1,166	30	3,733	28	45,284	27								
		3	Quite a bit	92	36	1,492	36	5,039	38	62,827	37								
		4	Very much	32	12	929	22	3,309	25	43,859	26								
		Total		252	100	3,986	100	13,206	100	167,021	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	32	13	569	15	1,294	11	18,783	12	2.4	2.5	-0.11	2.6 ***	-0.27	2.6 ***	-0.25	
		2	Some	112	44	1,436	36	4,526	34	54,614	33								
		3	Quite a bit	82	33	1,349	33	4,839	36	59,698	35								
		4	Very much	26	10	644	16	2,542	19	33,950	20								
		Total		252	100	3,998	100	13,201	100	167,045	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	30	12	551	14	1,246	10	19,458	12	2.5	2.5	-0.06	2.7 ***	-0.27	2.6 **	-0.18	
		2	Some	103	42	1,368	35	4,105	31	53,130	32								
		3	Quite a bit	86	34	1,398	34	4,899	37	59,251	35								
		4	Very much	33	13	681	17	2,964	22	35,415	21								
		Total		252	100	3,998	100	13,214	100	167,254	100								
19. How would you evaluate your entire educational experience at this institution?																			
evalexp		1	Poor	12	5	99	3	202	2	3,656	3	2.8	3.0 ***	-0.28	3.2 ***	-0.56	3.1 ***	-0.38	
		2	Fair	55	22	679	18	1,420	12	24,667	16								
		3	Good	146	58	2,145	53	6,347	47	84,442	50								
		4	Excellent	39	15	1,093	27	5,273	39	54,985	32								
		Total		252	100	4,016	100	13,242	100	167,750	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
sameinst		1	Definitely no	15	6	147	4	392	3	5,486	3	3.0	3.1 *	-0.16	3.2 ***	-0.28	3.2 ***	-0.23	
		2	Probably no	35	14	515	13	1,509	11	21,137	13								
		3	Probably yes	129	51	1,899	47	5,634	43	74,238	44								
		4	Definitely yes	75	29	1,465	36	5,742	43	67,502	40								
		Total		254	100	4,026	100	13,277	100	168,363	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

				Frequency Distributions ^a								Statistical Comparisons ^b							
				Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021	
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
21. Do you intend to return to this institution next year?^f																			
	returnexp		No	9	4	151	4	419	3	6,077	4	91%	87%	.12	89%	.06	88%	.08	
			Yes	232	91	3,505	87	11,893	89	149,446	88								
			Not sure	13	6	370	9	969	8	13,127	8								
			Total	254	100	4,026	100	13,281	100	168,650	100								
22. To what extent have the faculty and staff at your institution done a good job helping students adapt to the changes brought on by the COVID-19 pandemic?																			
	covidexp	1	Very little	11	5	16	4	269	5	4,271	7	2.9	3.2 ***	-.31	3.1 **	-.20	3.0 *	-.14	
		2	Some	71	27	71	17	1,172	20	14,398	20								
		3	Quite a bit	102	41	154	36	2,389	39	26,066	36								
		4	Very much	71	27	183	43	2,166	37	26,761	37								
			Total	255	100	424	100	5,996	100	71,496	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
1. During the current school year, about how often have you done the following?																			
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	4	1	199	4	210	2	7,570	3	3.0	3.0	.02	3.2 ***	-.23	3.0	.01	
		2	Sometimes	105	30	1,441	28	2,861	21	68,915	28								
		3	Often	115	34	1,612	31	4,405	32	80,490	32								
		4	Very often	115	34	1,963	37	6,241	45	93,203	37								
		Total		339	100	5,215	100	13,717	100	250,178	100								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	34	10	662	13	1,512	12	40,173	17	2.5	2.4	.04	2.5	.00	2.4 *	.10	
		2	Sometimes	155	46	2,324	45	5,842	43	102,315	41								
		3	Often	101	30	1,454	28	4,127	29	67,078	26								
		4	Very often	49	14	755	14	2,180	16	39,229	15								
		Total		339	100	5,195	100	13,661	100	248,795	100								
c. Explained course material to one or more students	CLexplain	1	Never	22	6	297	6	699	6	23,586	10	2.7	2.7	-.10	2.8 *	-.12	2.6	.03	
		2	Sometimes	130	39	1,893	36	4,698	35	89,637	36								
		3	Often	131	38	1,944	38	5,215	38	85,286	34								
		4	Very often	55	17	1,053	21	3,046	22	50,020	20								
		Total		338	100	5,187	100	13,658	100	248,529	100								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	57	17	933	18	2,325	18	54,958	23	2.4	2.5	-.07	2.5	-.09	2.4	.02	
		2	Sometimes	144	42	1,902	37	4,782	35	83,158	34								
		3	Often	86	25	1,416	27	3,848	28	64,582	26								
		4	Very often	50	15	912	18	2,643	19	44,588	18								
		Total		337	100	5,163	100	13,598	100	247,286	100								
e. Worked with other students on course projects or assignments	CLproject	1	Never	5	1	328	6	664	6	23,459	10	3.0	2.9 *	.12	2.9 *	.12	2.7 ***	.23	
		2	Sometimes	97	29	1,520	29	3,902	29	72,706	30								
		3	Often	141	41	1,924	37	5,231	38	84,561	34								
		4	Very often	94	28	1,384	28	3,761	27	65,707	26								
		Total		337	100	5,156	100	13,558	100	246,433	100								
f. Given a course presentation	present	1	Never	29	9	430	8	811	7	32,637	14	2.5	2.8 ***	-.26	2.8 ***	-.31	2.6	-.04	
		2	Sometimes	147	42	1,591	31	4,188	32	82,171	34								
		3	Often	114	34	1,814	35	4,972	36	75,889	30								
		4	Very often	47	15	1,296	25	3,558	26	55,336	22								
		Total		337	100	5,131	100	13,529	100	246,033	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Your seniors compared with									
				Count	%	Count	%	Count	%	Count	%	Truman	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
2. During the current school year, about how often have you done the following?																					
a. Combined ideas from different courses when completing assignments	RIIntegrate	1	Never	8	3	184	4	381	3	11,268	5	2.9	2.9	-.07	3.0 **	-.17	2.9	-.03			
		2	Sometimes	115	34	1,462	29	3,298	25	67,877	28										
		3	Often	130	38	2,032	40	5,623	42	97,946	40										
		4	Very often	82	25	1,422	27	4,124	30	66,630	27										
		Total		335	100	5,100	100	13,426	100	243,721	100										
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	23	7	328	7	540	4	17,590	8	2.8	2.8	-.05	3.0 ***	-.23	2.8	-.01			
		2	Sometimes	99	30	1,569	32	3,504	27	74,620	32										
		3	Often	142	42	1,782	35	5,067	38	87,736	35										
		4	Very often	70	21	1,372	26	4,271	31	62,503	25										
		Total		334	100	5,051	100	13,382	100	242,449	100										
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	31	10	580	13	789	6	29,145	14	2.6	2.6	.00	2.8 ***	-.22	2.6	.02			
		2	Sometimes	121	36	1,675	34	4,165	31	79,789	33										
		3	Often	118	35	1,561	31	4,769	36	76,786	31										
		4	Very often	64	19	1,185	22	3,602	27	55,164	22										
		Total		334	100	5,001	100	13,325	100	240,884	100										
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	11	3	263	6	409	3	11,293	5	2.8	2.8	-.05	2.9 **	-.18	2.8	-.08			
		2	Sometimes	109	33	1,448	30	3,479	26	68,778	29										
		3	Often	157	47	2,122	43	6,089	46	103,076	43										
		4	Very often	52	17	1,115	22	3,244	25	55,828	23										
		Total		329	100	4,948	100	13,221	100	238,975	100										
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	3	1	154	4	272	2	7,186	3	3.0	3.0	.03	3.0	-.06	3.0	.00			
		2	Sometimes	79	25	1,174	25	2,868	22	55,114	24										
		3	Often	162	50	2,202	45	6,071	46	105,418	44										
		4	Very often	78	25	1,355	27	3,887	29	68,400	29										
		Total		322	100	4,885	100	13,098	100	236,118	100										
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	4	1	105	2	189	2	5,483	3	2.9	3.0 *	-.13	3.0 ***	-.21	3.0	-.10			
		2	Sometimes	106	34	1,197	25	2,940	23	59,976	26										
		3	Often	137	41	2,151	44	5,913	45	103,197	44										
		4	Very often	75	24	1,355	28	3,939	30	64,788	27										
		Total		322	100	4,808	100	12,981	100	233,444	100										

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Effect size ^e	Effect size ^e	Effect size ^e
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	2	1	52	1	73	1	2,558	1	3.2	3.2	-.04	3.3 **	-.15	3.2	-.04
		2	Sometimes	53	17	745	16	1,558	13	35,746	16							
		3	Often	157	48	2,195	46	6,027	47	107,248	46							
		4	Very often	105	34	1,759	37	5,236	40	85,703	37							
		Total		317	100	4,751	100	12,894	100	231,255	100							
3. During the current school year, about how often have you done the following?																		
a. Talked about career plans with a faculty member	SFcareer	1	Never	35	12	973	21	1,293	11	41,244	19	2.5	2.4	.06	2.6 **	-.16	2.4	.06
		2	Sometimes	147	46	1,777	38	5,071	40	90,836	39							
		3	Often	88	28	1,102	22	3,620	28	55,719	23							
		4	Very often	47	14	900	19	2,901	22	43,298	18							
		Total		317	100	4,752	100	12,885	100	231,097	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	105	33	1,983	42	3,630	30	98,469	44	2.1	2.0	.09	2.2 *	-.14	1.9 *	.13
		2	Sometimes	122	39	1,469	31	4,643	36	69,341	29							
		3	Often	60	19	737	15	2,608	20	36,442	15							
		4	Very often	30	10	536	11	1,948	15	25,921	11							
		Total		317	100	4,725	100	12,829	100	230,173	100							
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	60	19	1,168	25	1,919	16	66,057	30	2.2	2.2	.00	2.4 ***	-.21	2.1 *	.11
		2	Sometimes	160	51	1,940	42	5,451	43	90,754	39							
		3	Often	64	20	1,017	21	3,464	27	46,228	20							
		4	Very often	31	10	575	12	1,919	15	25,437	11							
		Total		315	100	4,700	100	12,753	100	228,476	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	79	25	1,171	26	2,418	19	54,472	25	2.1	2.2	-.09	2.3 ***	-.23	2.2	-.10
		2	Sometimes	154	49	1,974	42	5,773	45	98,987	43							
		3	Often	57	18	1,006	21	2,990	24	49,665	21							
		4	Very often	25	8	536	11	1,570	12	25,423	11							
		Total		315	100	4,687	100	12,751	100	228,547	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	19	6	392	8	1,362	11	18,519	8	2.8	2.8	.03	2.6 ***	.24	2.7	.09
		2	Some	101	32	1,385	29	4,556	36	70,211	31							
		3	Quite a bit	114	36	1,779	39	4,516	35	88,310	39							
		4	Very much	80	26	1,114	25	2,265	18	50,082	22							
		Total		314	100	4,670	100	12,699	100	227,122	100							

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Effect size ^e	Effect size ^e	Effect size ^e
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	8	3	160	3	282	2	6,837	3	3.0	3.0	-.03	3.1 *	-.14	3.0	-.07
		2	Some	68	22	1,017	22	2,248	18	45,969	21							
		3	Quite a bit	157	49	2,064	44	5,903	46	100,991	44							
		4	Very much	82	27	1,407	30	4,210	33	72,347	32							
		Total		315	100	4,648	100	12,643	100	226,144	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	8	3	205	5	265	2	7,615	4	3.0	3.0	.00	3.1 ***	-.21	3.0	-.08
		2	Some	75	24	1,082	24	2,359	19	48,703	22							
		3	Quite a bit	152	48	1,936	42	5,609	45	97,010	43							
		4	Very much	77	25	1,357	29	4,340	34	70,788	31							
		Total		312	100	4,580	100	12,573	100	224,116	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	10	3	268	7	431	4	10,722	5	2.9	2.9	.01	3.0 **	-.15	2.9	-.04
		2	Some	81	26	1,127	25	2,685	21	51,956	24							
		3	Quite a bit	148	47	1,874	41	5,433	44	95,553	42							
		4	Very much	72	23	1,275	28	3,967	32	64,758	29							
		Total		311	100	4,544	100	12,516	100	222,989	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	9	3	216	5	296	3	8,348	4	2.9	2.9	.03	3.1 **	-.19	3.0	-.06
		2	Some	80	26	1,156	26	2,496	20	51,008	23							
		3	Quite a bit	147	47	1,958	43	5,826	47	99,509	44							
		4	Very much	73	24	1,198	26	3,859	31	63,212	28							
		Total		309	100	4,528	100	12,477	100	222,077	100							
5. During the current school year, to what extent have your instructors done the following?																		
a. Clearly explained course goals and requirements	ETgoals	1	Very little	7	2	114	3	176	2	5,392	3	3.0	3.1 *	-.13	3.2 ***	-.23	3.1 *	-.14
		2	Some	68	23	791	18	1,848	15	40,152	19							
		3	Quite a bit	142	47	1,990	45	5,745	46	94,918	43							
		4	Very much	87	28	1,590	35	4,632	37	80,211	36							
		Total		304	100	4,485	100	12,401	100	220,673	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	11	4	152	4	261	2	9,742	5	3.0	3.1	-.10	3.1 ***	-.22	3.0	-.06
		2	Some	65	21	819	18	1,887	16	44,008	20							
		3	Quite a bit	148	48	2,071	47	5,783	46	94,060	42							
		4	Very much	81	27	1,437	32	4,436	36	72,327	33							
		Total		305	100	4,479	100	12,367	100	220,137	100							

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Truman State University

Seniors

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Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Truman	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Mean	Effect size ^e	Mean
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	9	3	145	3	224	2	8,315	4	3.0	3.1	-.08	3.2 **	-0.19	3.1	-.03
		2	Some	57	19	805	18	1,872	16	43,752	20							
		3	Quite a bit	148	48	1,887	43	5,355	43	89,520	40							
		4	Very much	90	30	1,625	36	4,904	39	78,224	35							
		Total		304	100	4,462	100	12,355	100	219,811	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	26	9	497	12	746	6	20,981	10	2.8	2.7	.06	2.9 *	-0.14	2.8	.00
		2	Some	84	27	1,294	30	3,103	25	60,445	28							
		3	Quite a bit	121	39	1,453	32	4,720	38	75,710	34							
		4	Very much	74	24	1,216	26	3,768	30	62,324	28							
		Total		305	100	4,460	100	12,337	100	219,460	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	25	9	370	9	597	5	17,663	9	2.7	2.8	-.07	2.9 ***	-0.25	2.8	-.10
		2	Some	90	30	1,300	30	3,069	25	61,163	28							
		3	Quite a bit	132	43	1,636	37	5,248	43	82,505	37							
		4	Very much	56	19	1,141	25	3,393	28	57,492	26							
		Total		303	100	4,447	100	12,307	100	218,823	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	6	2	17	4	164	3	4,077	5	3.0	3.1 *	-0.16	3.1 *	-0.14	3.0	-.07
		2	Some	76	25	87	20	1,109	19	19,941	22							
		3	Quite a bit	143	47	161	38	2,674	44	37,937	40							
		4	Very much	77	26	164	38	1,988	34	31,716	34							
		Total		302	100	429	100	5,935	100	93,671	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	5	2	7	2	149	3	3,688	4	3.0	3.2 **	-0.24	3.1 *	-0.12	3.0	-.04
		2	Some	70	24	77	18	1,116	19	19,750	21							
		3	Quite a bit	149	49	186	43	2,730	46	40,186	43							
		4	Very much	75	25	161	37	1,924	32	29,809	31							
		Total		299	100	431	100	5,919	100	93,433	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	24	8	28	7	363	7	9,391	11	2.7	2.8 **	-0.21	2.8 *	-0.15	2.7	-.03
		2	Some	98	32	120	29	1,636	28	29,059	31							
		3	Quite a bit	136	44	167	39	2,633	43	34,702	36							
		4	Very much	44	15	112	26	1,280	22	20,094	21							
		Total		302	100	427	100	5,912	100	93,246	100							

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Truman State University

Seniors

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Statistical Comparisons^b

Your seniors compared with

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				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	5	2	16	4	121	2	3,060	4	3.1	3.1	.04	3.2	-.05	3.1	.02	
		2	Some	45	15	78	18	847	15	16,141	18								
		3	Quite a bit	158	52	178	42	2,686	45	39,333	42								
		4	Very much	94	32	157	36	2,254	37	34,618	37								
		Total		302	100	429	100	5,908	100	93,152	100								
6. During the current school year, about how often have you done the following?																			
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	1	Never	41	14	669	15	1,314	11	23,780	11	2.5	2.5	-.05	2.7 ***	-.21	2.7 **	-.18	
		2	Sometimes	119	39	1,543	34	3,962	32	74,163	34								
		3	Often	95	32	1,429	33	4,206	35	75,746	36								
		4	Very often	41	15	744	18	2,626	22	41,507	20								
		Total		296	100	4,385	100	12,108	100	215,196	100								
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	64	22	950	22	1,846	15	37,512	18	2.3	2.3	-.01	2.5 ***	-.22	2.5 *	-.13	
		2	Sometimes	113	37	1,633	37	4,340	35	78,421	36								
		3	Often	83	28	1,156	26	3,662	31	63,739	30								
		4	Very often	36	13	622	15	2,220	19	34,645	17								
		Total		296	100	4,361	100	12,068	100	214,317	100								
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	34	12	839	19	1,548	13	34,634	16	2.5	2.4 *	.14	2.6	-.08	2.4	.05	
		2	Sometimes	125	41	1,663	38	4,336	36	81,720	38								
		3	Often	100	34	1,274	30	4,039	34	66,007	31								
		4	Very often	37	13	554	13	2,099	18	31,150	15								
		Total		296	100	4,330	100	12,022	100	213,511	100								
7. During the current school year, about how many papers, reports, or other writing tasks of the following lengths have you been assigned? (Include those not yet completed.)																			
a. Up to 5 pages <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	wrshortnum	0	None	9	3	264	7	438	4	13,379	7	8.3	7.4 *	.14	8.7	-.06	7.6	.11	
		1.5	1-2	37	13	733	17	1,565	13	37,016	18								
		4	3-5	88	29	1,265	30	3,228	27	60,650	28								
		8	6-10	81	28	1,012	23	2,960	25	46,769	22								
		13	11-15	35	12	453	10	1,598	13	23,288	11								
		18	16-20	20	7	251	6	912	7	12,215	6								
		23	More than 20	25	8	332	8	1,284	10	19,583	9								
		Total		295	100	4,310	100	11,985	100	212,900	100								

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Seniors

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				Count	%	Count	%	Count	%	Count	%	Truman	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021				
b. Between 6 and 10 pages	wrmednum	0	None	47	16	887	21	1,970	17	52,115	26	3.4	3.6	-0.05	3.8	-0.10	3.6	-0.05	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	111	37	1,464	34	4,067	33	68,443	32								
		4	3-5	99	34	1,159	27	3,602	30	50,535	23								
		8	6-10	24	8	503	12	1,547	13	24,936	12								
		13	11-15	6	2	164	4	484	4	8,870	4								
		18	16-20	5	2	60	2	152	1	3,263	2								
	23	More than 20	3	1	62	1	138	1	3,911	2									
		Total			295	100	4,299	100	11,960	100	212,073	100							
c. 11 pages or more	wrlongnum	0	None	117	39	1,787	42	4,180	35	103,792	50	1.9	2.1	-0.06	2.0	-0.05	2.0	-0.04	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	132	45	1,644	37	5,318	44	68,359	31								
		4	3-5	29	10	536	13	1,759	15	22,022	10								
		8	6-10	7	2	171	4	395	3	8,682	4								
		13	11-15	4	1	88	2	177	2	4,989	2								
		18	16-20	4	1	36	1	50	0	1,768	1								
	23	More than 20	2	1	48	1	101	1	2,935	1									
		Total			295	100	4,310	100	11,980	100	212,547	100							
Estimated number of assigned pages of student writing.	wrpages		(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)									79.8	81.1	-0.01	86.7	-0.08	81.3	-0.02	
8. During the current school year, about how often have you had discussions with people from the following groups?																			
a. People of a race or ethnicity other than your own	DDrace	1	Never	15	5	191	4	464	4	11,769	6	2.8	3.1 ***	-0.33	3.0 ***	-0.24	3.0 ***	-0.26	
		2	Sometimes	111	37	1,038	24	3,587	29	51,925	24								
		3	Often	99	33	1,355	31	3,757	32	65,447	31								
		4	Very often	69	25	1,725	40	4,174	36	83,371	39								
			Total	294	100	4,309	100	11,982	100	212,512	100								
b. People from an economic background other than your own	DDeconomic	1	Never	8	3	171	4	356	3	10,415	5	2.9	3.0	-0.10	3.0 *	-0.15	3.0	-0.09	
		2	Sometimes	85	28	1,078	25	3,009	24	51,037	24								
		3	Often	128	43	1,574	36	4,434	37	75,025	35								
		4	Very often	73	26	1,483	34	4,159	35	75,431	36								
			Total	294	100	4,306	100	11,958	100	211,908	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2020 & 2021								Your seniors compared with							
				Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman	COPLAC	Natl Liberal Arts		NSSE 2020 & 2021			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
c. People with religious beliefs other than your own	DDreligion	1	Never	7	2	231	6	1,160	9	15,558	7	3.0	3.0	-.01	2.8 **	.14	2.9	.05	
		2	Sometimes	82	28	1,178	27	3,817	31	57,756	27								
		3	Often	122	41	1,402	33	3,454	30	67,232	32								
		4	Very often	82	29	1,488	35	3,527	31	71,352	34								
		Total		293	100	4,299	100	11,958	100	211,898	100								
d. People with political views other than your own	DDpolitical	1	Never	9	3	275	6	754	7	16,152	8	2.9	2.8	.03	2.8	.05	2.9	.02	
		2	Sometimes	102	34	1,447	33	3,995	33	63,450	30								
		3	Often	103	34	1,315	31	3,627	30	65,656	31								
		4	Very often	80	28	1,269	30	3,586	30	66,813	32								
		Total		294	100	4,306	100	11,962	100	212,071	100								
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	7	3	120	3	163	1	5,592	3	3.1	3.1	-.04	3.2 **	-.18	3.1	.00	
		2	Sometimes	56	19	828	20	1,870	16	42,126	20								
		3	Often	140	47	1,776	41	5,059	43	91,006	43								
		4	Very often	91	31	1,552	36	4,817	40	72,339	34								
		Total		294	100	4,276	100	11,909	100	211,063	100								
b. Reviewed your notes after class	LSnotes	1	Never	36	12	388	10	1,130	9	15,174	7	2.6	2.7 **	-.20	2.7 *	-.14	2.9 ***	-.32	
		2	Sometimes	117	40	1,399	33	4,376	36	62,341	30								
		3	Often	83	28	1,315	31	3,522	30	70,147	33								
		4	Very often	58	20	1,166	27	2,879	24	63,229	30								
		Total		294	100	4,268	100	11,907	100	210,891	100								
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	21	7	292	7	782	7	13,245	7	2.7	2.8 **	-.19	2.8 *	-.15	2.9 ***	-.23	
		2	Sometimes	111	38	1,262	30	3,847	32	60,219	29								
		3	Often	112	38	1,578	36	4,445	37	79,033	37								
		4	Very often	50	17	1,143	27	2,827	24	58,398	28								
		Total		294	100	4,275	100	11,901	100	210,895	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e		
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
	challenge	1	Not at all	3	1	49	1	68	1	2,305	1	5.2							
		2		4	2	60	2	148	1	3,310	2								
		3		17	6	163	4	408	4	9,724	5								
		4		45	16	460	11	1,184	10	22,581	11								
		5		103	35	1,284	30	3,805	32	59,218	28								
		6		74	25	1,150	27	3,602	30	52,333	25								
		7	Very much	47	15	1,081	25	2,638	22	60,129	28								
			Total	293	100	4,247	100	11,853	100	209,600	100								
11. Which of the following have you done or do you plan to do before you graduate?^f																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	16	6	383	9	734	7	22,189	11	49%								
		Do not plan to do	75	26	862	21	1,665	14	34,464	17									
		Plan to do	56	19	797	19	1,712	15	52,516	26									
		Done or in progress	146	49	2,197	51	7,733	63	100,135	46									
		Total	293	100	4,239	100	11,844	100	209,304	100									
b. Hold a formal leadership role in a student organization or group	leader <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	6	2	421	10	676	6	26,076	13	68%								
		Do not plan to do	74	25	2,028	48	4,135	36	93,059	45									
		Plan to do	16	5	235	5	522	5	18,076	9									
		Done or in progress	197	68	1,548	37	6,492	53	71,646	33									
		Total	293	100	4,232	100	11,825	100	208,857	100									
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	26	9	545	13	1,111	10	31,712	15	17%								
		Do not plan to do	205	70	2,398	58	6,654	57	107,289	52									
		Plan to do	14	5	341	8	707	6	21,983	11									
		Done or in progress	48	17	940	22	3,313	27	47,106	22									
		Total	293	100	4,224	100	11,785	100	208,090	100									
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>	Have not decided	11	4	438	10	668	6	25,689	13	12%								
		Do not plan to do	231	79	2,974	71	6,522	56	139,071	67									
		Plan to do	15	5	234	5	508	4	15,402	8									
		Done or in progress	36	12	575	14	4,103	33	28,051	12									
		Total	293	100	4,221	100	11,801	100	208,213	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Truman	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Mean	Effect size ^e	Mean
e. Work with a faculty member on a research project	research	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	20	7	513	12	929	9	33,257	16	32%	.3	.04	.4 ***	-.20	.2 ***	.23
			Do not plan to do	153	52	2,015	48	4,960	43	102,308	49							
			Plan to do	27	9	428	10	745	7	24,747	12							
			Done or in progress	93	32	1,266	30	5,170	42	47,826	22							
			Total	293	100	4,222	100	11,804	100	208,138	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone	(Means indicate the percentage who responded "Done or in progress.")	Have not decided	2	1	384	9	434	4	20,965	11	76%	.5 ***	.62	.7 **	.19	.4 ***	.66
			Do not plan to do	10	4	1,081	27	1,728	15	41,868	21							
			Plan to do	58	20	782	19	1,555	14	49,752	25							
			Done or in progress	222	76	1,970	46	8,084	67	95,540	44							
			Total	292	100	4,217	100	11,801	100	208,125	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse		1 None	127	45	1,736	43	4,084	36	78,979	40	1.6	1.7	-.10	1.7 ***	-.20	1.7 **	-.18
			2 Some	146	49	2,054	48	6,647	55	102,218	48							
			3 Most	19	6	358	8	851	7	21,074	10							
			4 All	0	0	61	1	178	2	4,991	2							
			Total	292	100	4,209	100	11,760	100	207,262	100							
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent		1 Poor	1	0	55	1	107	1	3,122	2	5.6	5.5	.07	5.6	.01	5.6	.03
			2	5	2	79	2	162	1	3,678	2							
			3	9	3	167	4	456	4	8,452	4							
			4	28	10	436	10	1,079	9	20,297	10							
			5	73	25	1,088	26	2,905	25	49,207	24							
			6	104	35	1,260	30	3,759	31	56,630	27							
			7 Excellent	71	25	1,077	25	3,247	27	61,023	29							
			— Not applicable	1	0	51	1	48	1	4,949	3							
			Total	292	100	4,213	100	11,763	100	207,358	100							

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021		Truman	COPLAC	Nat'l Liberal Arts		NSSE 2020 & 2021		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Academic advisors	Qladvisor	1	Poor	15	5	228	6	288	3	9,035	5	4.8	5.0	-11	5.6 ***	-46	5.3 ***	-26
		2		16	5	224	6	351	3	9,303	5							
		3		30	10	352	9	592	5	14,531	7							
		4		46	17	488	12	1,167	10	24,221	12							
		5		72	24	783	19	2,102	18	37,282	18							
		6		54	18	771	18	2,729	23	40,650	19							
		7	Excellent	57	20	1,168	26	4,353	36	68,804	33							
		—	Not applicable	2	1	195	5	177	2	3,342	2							
	Total			292	100	4,209	100	11,759	100	207,168	100							
c. Faculty	QIfaculty	1	Poor	3	1	78	2	85	1	3,509	2	5.3	5.5	-10	5.8 ***	-38	5.5 *	-12
		2		6	2	108	3	129	1	4,519	2							
		3		17	6	173	4	296	3	9,711	5							
		4		35	12	462	11	887	8	22,787	11							
		5		88	30	958	23	2,490	21	47,249	23							
		6		86	29	1,239	30	3,937	33	57,778	27							
		7	Excellent	55	19	1,143	26	3,891	33	59,382	28							
		—	Not applicable	0	0	46	1	45	0	2,182	1							
	Total			290	100	4,207	100	11,760	100	207,117	100							
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	9	3	192	5	460	4	9,201	5	4.8	4.9	-07	5.0 *	-12	5.0 *	-13
		2		20	7	209	5	544	5	8,694	4							
		3		22	7	266	6	868	7	14,023	7							
		4		46	15	543	13	1,710	14	25,331	12							
		5		75	25	742	18	2,610	22	37,159	17							
		6		62	21	674	16	2,420	20	35,548	17							
		7	Excellent	31	11	764	18	2,264	19	40,125	19							
		—	Not applicable	27	9	819	20	873	8	36,907	19							
	Total			292	100	4,209	100	11,749	100	206,988	100							

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2020 & 2021								Your seniors compared with							
				Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
e. Other administrative staff and offices (registrar, financial aid, etc.)	Qladmin	1	Poor	15	5	174	4	440	4	10,011	5	4.6							
		2		22	8	239	6	534	5	10,201	5								
		3		28	9	320	8	856	7	15,923	8								
		4		57	20	626	15	1,729	15	29,098	14								
		5		62	21	876	20	2,742	23	42,028	20								
		6		69	24	833	20	2,625	22	40,460	19								
		7	Excellent	26	9	778	18	2,297	19	44,676	22								
		—	Not applicable	12	4	366	9	532	5	14,752	8								
	Total			291	100	4,212	100	11,755	100	207,149	100								
14. How much does your institution emphasize the following?																			
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	2	1	95	2	147	1	3,881	2	3.6							
		2	Some	16	6	730	17	1,512	13	36,792	18								
		3	Quite a bit	89	31	1,888	45	5,164	45	92,804	45								
		4	Very much	185	63	1,478	35	4,890	40	72,955	35								
			Total	292	100	4,191	100	11,713	100	206,432	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	22	8	300	8	424	4	11,849	6	2.6							
		2	Some	115	40	1,218	30	2,509	22	51,891	26								
		3	Quite a bit	121	41	1,692	40	5,343	45	85,813	41								
		4	Very much	34	12	974	22	3,430	29	56,475	27								
			Total	292	100	4,184	100	11,706	100	206,028	100								
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	27	10	484	12	705	6	19,913	10	2.5							
		2	Some	112	39	1,219	30	2,775	24	51,239	25								
		3	Quite a bit	118	39	1,498	35	4,745	41	76,547	37								
		4	Very much	35	12	981	23	3,480	29	58,106	28								
			Total	292	100	4,182	100	11,705	100	205,805	100								
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	54	19	801	21	1,856	15	30,911	15	2.3							
		2	Some	125	42	1,343	33	4,034	34	62,614	30								
		3	Quite a bit	84	28	1,221	28	3,535	31	65,526	32								
		4	Very much	29	10	814	19	2,255	20	46,484	23								
			Total	292	100	4,179	100	11,680	100	205,535	100								

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Your seniors compared with						
				Count	%	Count	%	Count	%	Count	%	Mean	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Effect size ^e	Effect size ^e	Effect size ^e
e. Providing opportunities to be involved socially	SEsocial	1	Very little	23	8	424	10	788	7	20,012	10	2.7	2.7	-0.01	2.8 **	-0.16	2.8	-0.08
		2	Some	92	32	1,237	30	3,126	27	56,283	28							
		3	Quite a bit	126	42	1,612	38	4,802	41	77,353	37							
		4	Very much	51	17	894	21	2,968	25	51,683	25							
		Total		292	100	4,167	100	11,684	100	205,331	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	46	16	591	15	1,185	10	24,888	13	2.3	2.6 ***	-0.28	2.7 ***	-0.42	2.7 ***	-0.39
		2	Some	133	45	1,312	32	3,646	31	59,085	29							
		3	Quite a bit	88	29	1,386	32	4,331	37	72,437	35							
		4	Very much	26	9	875	21	2,508	21	48,697	24							
		Total		293	100	4,164	100	11,670	100	205,107	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	143	50	1,625	41	3,739	32	68,193	34	1.7	1.9 ***	-0.22	2.1 ***	-0.36	2.1 ***	-0.37
		2	Some	99	33	1,434	34	4,524	38	71,182	34							
		3	Quite a bit	36	12	728	17	2,310	20	42,293	21							
		4	Very much	14	5	377	9	1,073	9	23,208	11							
		Total		292	100	4,164	100	11,646	100	204,876	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	48	17	676	17	1,195	11	37,934	19	2.4	2.5	-0.11	2.7 ***	-0.32	2.5 *	-0.12
		2	Some	114	39	1,446	35	3,644	32	61,822	30							
		3	Quite a bit	100	33	1,372	33	4,388	37	66,098	32							
		4	Very much	29	10	658	16	2,429	20	38,749	19							
		Total		291	100	4,152	100	11,656	100	204,603	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	61	22	840	21	1,559	13	46,366	23	2.2	2.3	-0.09	2.5 ***	-0.34	2.3	-0.07
		2	Some	124	42	1,632	40	4,278	36	74,198	36							
		3	Quite a bit	84	28	1,143	26	3,978	34	56,254	27							
		4	Very much	22	8	548	13	1,837	16	27,851	13							
		Total		291	100	4,163	100	11,652	100	204,669	100							
15. To what extent do you agree or disagree with the following statements?																		
a. I feel comfortable being myself at this institution.	sbmyself	1	Strongly disagree	7	3	128	3	406	4	5,516	3	3.2	3.3	-0.09	3.2	-0.07	3.3 *	-0.15
		2	Disagree	34	12	301	8	1,048	9	14,644	7							
		3	Agree	147	50	2,034	49	5,445	47	98,287	47							
		4	Strongly agree	105	36	1,695	40	4,744	40	86,270	42							
		Total		293	100	4,158	100	11,643	100	204,717	100							

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	23	8	364	10	720	7	13,987	8	2.7	2.8	-.08	3.0 ***	-.29	2.9 ***	-.25	
		2	Disagree	78	27	926	23	2,083	18	38,288	19								
		3	Agree	150	51	1,976	47	5,693	49	101,100	49								
		4	Strongly agree	41	14	888	20	3,160	27	51,182	25								
		Total		292	100	4,154	100	11,656	100	204,557	100								
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	17	6	291	8	631	6	12,044	6	2.9	2.9	.06	3.0	-.11	2.9	-.04	
		2	Disagree	50	18	870	21	1,946	17	37,834	19								
		3	Agree	164	55	2,048	49	5,596	48	101,154	49								
		4	Strongly agree	62	21	955	22	3,482	29	53,646	26								
		Total		293	100	4,164	100	11,655	100	204,678	100								
16. About how many hours do you spend in a typical 7-day week doing the following?																			
a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)	tmprephrs <i>(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	0	0	16	0	25	0	779	0	17.4	15.7 **	.18	16.7	.08	15.4 ***	.22	
		3	1-5 hrs	18	6	516	12	945	8	24,690	12								
		8	6-10 hrs	60	21	872	21	2,199	19	45,301	22								
		13	11-15 hrs	51	17	810	19	2,383	21	41,276	20								
		18	16-20 hrs	57	21	749	18	2,389	20	37,331	18								
		23	21-25 hrs	46	16	507	12	1,623	14	22,842	11								
		28	26-30 hrs	27	9	289	7	912	8	13,419	7								
		33	More than 30 hrs	31	11	393	10	1,147	10	18,370	9								
Total		290	100	4,152	100	11,623	100	204,008	100										

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2020 & 2021								Your seniors compared with							
				Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs	0	0 hrs	34	12	1,769	42	3,046	28	91,072	46	6.8	5.0 *** ▲	.26	7.0	-.02	4.7 *** ▲	.31	
	(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	129	43	1,175	28	3,704	30	54,353	26								
	8	6-10 hrs	72	25	519	13	1,963	17	24,535	12									
	13	11-15 hrs	25	9	296	7	1,173	10	14,547	7									
	18	16-20 hrs	19	7	192	5	817	7	9,095	4									
	23	21-25 hrs	6	2	89	2	448	4	4,774	2									
	28	26-30 hrs	3	1	34	1	203	2	2,044	1									
	33	More than 30 hrs	3	1	60	2	245	2	3,238	2									
	Total				291	100	4,134	100	11,599	100	203,658								100
	c. Working for pay on campus	tmworkonhrs	0	0 hrs	156	54	2,946	72	5,113	47	148,167								75
(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)		3	1-5 hrs	62	21	224	5	1,458	12	9,701	4								
8		6-10 hrs	38	13	398	9	2,432	20	16,040	7									
13		11-15 hrs	22	8	246	6	1,245	10	11,782	5									
18		16-20 hrs	8	3	207	5	1,025	8	11,094	5									
23		21-25 hrs	4	1	63	2	173	2	3,469	2									
28		26-30 hrs	0	0	20	0	73	1	1,261	1									
33		More than 30 hrs	1	0	39	1	88	1	2,125	1									
Total				291	100	4,143	100	11,607	100	203,639	100								
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	193	67	1,860	47	6,848	59	83,877	41	4.5	9.8 *** ▼	-.46	7.0 *** ▼	-.23	12.9 *** ▼	-.63	
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	20	7	251	6	861	7	10,073	5								
	8	6-10 hrs	22	8	379	9	874	7	13,357	6									
	13	11-15 hrs	20	7	328	8	696	6	14,390	7									
	18	16-20 hrs	14	5	421	10	792	7	18,667	9									
	23	21-25 hrs	12	4	265	6	504	4	14,689	7									
	28	26-30 hrs	4	1	165	4	280	3	11,022	5									
	33	More than 30 hrs	5	2	469	11	753	8	37,728	20									
Total				290	100	4,138	100	11,608	100	203,803	100								
Estimated number of hours working for pay	tmworkhrs										8.1	13.1 *** ▼	-.40	12.5 *** ▼	-.39	16.1 *** ▼	-.59		
	(Continuous variable created by NSSE)																		

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NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	NSSE 2020 & 2021								Your seniors compared with						
				Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	157	54	2,149	52	6,043	53	109,567	54	1.8	3.1 *** ▽	-0.24	2.5 *** ▽	-0.14	3.1 *** ▽	-0.22
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	117	40	1,314	31	4,274	35	61,427	29							
		8	6-10 hrs	10	3	349	9	738	6	15,959	8							
		13	11-15 hrs	6	2	152	4	270	2	7,412	4							
		18	16-20 hrs	0	0	85	2	127	1	4,223	2							
		23	21-25 hrs	1	0	42	1	68	1	2,062	1							
		28	26-30 hrs	0	0	16	0	31	0	914	0							
		33	More than 30 hrs	0	0	36	1	51	0	2,112	1							
	Total			291	100	4,143	100	11,602	100	203,676	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	3	1	101	2	148	2	6,483	3	12.1	11.9	.02	11.8	.04	11.1 *	.12
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	49	16	971	22	2,480	21	53,416	26							
		8	6-10 hrs	93	32	1,174	28	3,519	30	57,246	28							
		13	11-15 hrs	76	26	802	19	2,443	21	37,993	19							
		18	16-20 hrs	39	14	514	13	1,589	14	24,004	12							
		23	21-25 hrs	10	4	225	6	622	6	9,991	5							
		28	26-30 hrs	8	3	111	3	273	2	4,462	2							
		33	More than 30 hrs	12	5	233	6	527	5	10,052	5							
	Total			290	100	4,131	100	11,601	100	203,647	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	263	91	2,941	72	9,438	80	130,688	64	.8	4.0 *** ▽	-0.36	2.7 *** ▽	-0.25	6.2 *** ▽	-0.48
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	15	5	450	11	932	8	22,267	11							
		8	6-10 hrs	3	1	181	4	318	3	10,962	5							
		13	11-15 hrs	4	1	116	3	211	2	7,206	4							
		18	16-20 hrs	2	1	82	2	158	2	5,512	3							
		23	21-25 hrs	0	0	67	2	88	1	3,126	2							
		28	26-30 hrs	0	0	20	1	55	1	2,066	1							
		33	More than 30 hrs	3	1	272	6	400	4	21,602	11							
	Total			290	100	4,129	100	11,600	100	203,429	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Truman		COPLAC		Natl Liberal Arts		NSSE 2020 & 2021		
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
h. Commuting to campus (driving, walking, etc.)	tmcommutehrs	0	0 hrs	68	23	820	19	5,409	48	65,805	32	3.2	▼	5.6 ***	-.39	▲	2.6 *	.14	4.4 ***	-.20
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	195	68	1,918	47	5,031	41	88,823	43									
	8	6-10 hrs	17	6	846	21	704	6	27,118	13										
	13	11-15 hrs	3	1	300	7	217	2	10,150	5										
	18	16-20 hrs	3	1	100	2	95	1	4,435	2										
	23	21-25 hrs	1	0	60	2	46	1	2,306	1										
	28	26-30 hrs	1	0	23	0	23	0	1,149	1										
	33	More than 30 hrs	1	0	74	2	78	1	4,014	2										
	Total			289	100	4,141	100	11,603	100	203,800	100									
17. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?																				
	reading	1	Very little	32	11	560	15	939	8	26,598	14	2.7	▼	2.9 *	-.12	▼	3.1 ***	-.35	2.8	-.10
		2	Some	104	37	1,164	28	2,854	25	58,699	29									
		3	About half	82	28	1,048	24	3,129	27	55,359	27									
		4	Most	54	19	937	22	3,274	28	43,381	21									
		5	Almost all	17	6	437	11	1,383	12	19,338	9									
			Total	289	100	4,146	100	11,579	100	203,375	100									
	tmreadinghrs											7.7	7.4	.04	8.8 **	▼	-.17	7.3	.05	
	(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)																			
	tmreadinghrscol	1	0 hrs	0	0	16	0	25	0	764	0									
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	126	45	1,881	46	3,893	34	93,943	47									
		3	More than 5, up to 10 hrs	86	30	1,178	28	3,947	34	59,433	29									
		4	More than 10, up to 15 hrs	36	12	485	12	1,657	14	21,642	10									
		5	More than 15, up to 20 hrs	21	7	303	7	1,012	9	12,972	6									
		6	More than 20, up to 25 hrs	13	4	197	5	751	6	9,271	4									
		7	More than 25 hrs	6	2	75	2	269	2	4,598	2									
			Total	288	100	4,135	100	11,554	100	202,623	100									

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b							
				Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021		Truman		COPLAC		Nat'l Liberal Arts		NSSE 2020 & 2021	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
18. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?																			
a. Writing clearly and effectively	pgwrite	1	Very little	12	5	199	5	299	3	10,613	6	3.0	3.0	.02	3.2 **	-.19	3.0	.05	
		2	Some	53	18	848	21	1,793	16	43,078	22								
		3	Quite a bit	132	45	1,638	39	4,564	39	80,140	39								
		4	Very much	93	32	1,445	34	4,929	42	69,494	34								
		Total		290	100	4,130	100	11,585	100	203,325	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	16	6	297	8	478	4	14,248	8	2.9	2.9	-.01	3.1 **	-.20	2.9	-.02	
		2	Some	72	25	988	25	2,360	21	47,411	24								
		3	Quite a bit	127	43	1,577	38	4,553	39	76,681	37								
		4	Very much	75	26	1,263	30	4,183	36	64,717	31								
		Total		290	100	4,125	100	11,574	100	203,057	100								
c. Thinking critically and analytically	pgthink	1	Very little	3	1	89	2	142	1	4,421	2	3.3	3.3	.06	3.4 *	-.14	3.3	.07	
		2	Some	27	10	495	12	912	8	25,357	13								
		3	Quite a bit	126	43	1,591	38	3,945	34	76,853	37								
		4	Very much	134	46	1,946	47	6,578	56	96,510	47								
		Total		290	100	4,121	100	11,577	100	203,141	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	23	8	539	13	1,038	9	19,131	9	2.8	2.8	.01	2.9 **	-.16	2.9 *	-.14	
		2	Some	91	31	1,117	27	2,906	25	50,622	24								
		3	Quite a bit	111	38	1,328	32	3,554	31	68,203	34								
		4	Very much	65	23	1,139	28	4,071	35	65,111	33								
		Total		290	100	4,123	100	11,569	100	203,067	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	23	8	475	12	865	8	16,829	9	2.8	2.8	.04	2.9	-.09	2.9 *	-.13	
		2	Some	87	30	1,084	27	2,983	26	46,951	23								
		3	Quite a bit	103	35	1,386	33	3,947	34	70,012	34								
		4	Very much	76	27	1,183	28	3,787	32	69,289	34								
		Total		289	100	4,128	100	11,582	100	203,081	100								
f. Working effectively with others	pgothers	1	Very little	7	3	203	5	337	4	9,708	5	3.0	3.0	.02	3.1 *	-.12	3.0	-.03	
		2	Some	58	21	910	23	2,128	19	40,526	21								
		3	Quite a bit	145	49	1,629	39	4,717	40	78,089	38								
		4	Very much	79	27	1,378	33	4,387	37	74,698	36								
		Total		289	100	4,120	100	11,569	100	203,021	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

Item wording or description	Variable name ^c	Values ^d	Response options	Truman				NSSE 2020 & 2021				Your seniors compared with							
				Count	%	COPLAC Count	%	Natl Liberal Arts Count	%	Count	%	Truman Mean	COPLAC Mean	Effect size ^e	Natl Liberal Arts Mean	Effect size ^e	NSSE 2020 & 2021 Mean	Effect size ^e	
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	36	13	439	12	767	7	19,438	11	2.7	2.8	-.11	3.0 ***	-.32	2.9 ***	-.20	
		2	Some	85	30	1,084	28	2,671	24	48,122	24								
		3	Quite a bit	107	36	1,407	33	4,136	35	70,840	34								
		4	Very much	61	21	1,190	28	3,985	34	64,508	31								
		Total		289	100	4,120	100	11,559	100	202,908	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	22	8	373	10	884	8	17,601	9	2.7	2.8	-.10	2.9 **	-.19	2.9 **	-.17	
		2	Some	102	35	1,054	27	3,086	26	49,409	25								
		3	Quite a bit	101	34	1,453	34	4,150	36	70,096	34								
		4	Very much	64	23	1,243	29	3,455	30	65,893	32								
		Total		289	100	4,123	100	11,575	100	202,999	100								
i. Solving complex real-world problems	pgprobsolve	1	Very little	30	10	417	11	765	7	17,262	9	2.7	2.7	.00	2.9 **	-.17	2.9 *	-.13	
		2	Some	77	27	1,170	30	3,095	27	52,787	26								
		3	Quite a bit	123	43	1,486	35	4,280	37	72,829	35								
		4	Very much	58	21	1,050	25	3,431	29	60,138	30								
		Total		288	100	4,123	100	11,571	100	203,016	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	33	12	504	13	942	8	23,646	13	2.6	2.7	-.04	2.8 ***	-.21	2.7	-.09	
		2	Some	94	32	1,157	29	3,208	27	57,354	28								
		3	Quite a bit	104	36	1,412	34	4,072	35	66,852	32								
		4	Very much	58	20	1,056	24	3,363	29	55,328	27								
		Total		289	100	4,129	100	11,585	100	203,180	100								
19. How would you evaluate your entire educational experience at this institution?																			
evalexp		1	Poor	8	3	131	3	204	2	5,468	3	3.1	3.1	-.05	3.3 ***	-.30	3.2 *	-.13	
		2	Fair	42	15	571	14	1,087	10	26,491	14								
		3	Good	148	51	1,915	46	4,688	41	90,273	44								
		4	Excellent	91	31	1,536	36	5,619	47	81,548	40								
		Total		289	100	4,153	100	11,598	100	203,780	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
sameinst		1	Definitely no	17	6	211	5	612	6	10,054	5	3.0	3.1	-.10	3.2 *	-.13	3.2 **	-.18	
		2	Probably no	41	14	565	14	1,567	14	26,638	13								
		3	Probably yes	140	49	1,771	43	4,538	39	80,938	39								
		4	Definitely yes	91	31	1,617	38	4,902	41	86,694	42								
		Total		289	100	4,164	100	11,619	100	204,324	100								

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols. See the endnotes on the last page of this report.

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Truman State University

First-Year Students

Variable Name	N		Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
															Comparisons with:			Comparisons with:			Comparisons with:		
	Truman	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	
1 a. askquest	325	2.81	2.63	2.96	2.78	.045	.011	.006	.001	.82	.88	.83	.85	361	17,809	336,176	.000	.001	.511	.21	-.18	.04	
b. CLaskhelp	326	2.43	2.60	2.49	2.45	.047	.011	.007	.002	.85	.87	.89	.93	7,076	17,682	326	.001	.234	.655	-.19	-.07	-.02	
c. CLexplain	325	2.46	2.64	2.55	2.52	.045	.010	.006	.002	.82	.83	.84	.89	7,049	17,660	325	.000	.056	.175	-.21	-.11	-.07	
d. CLstudy	322	2.24	2.45	2.39	2.33	.053	.012	.007	.002	.95	.96	.97	.99	6,999	17,578	322	.000	.005	.096	-.22	-.16	-.09	
e. CLproject	321	2.59	2.62	2.56	2.49	.046	.010	.007	.002	.83	.85	.87	.91	6,937	17,480	321	.578	.559	.027	-.03	.03	.11	
f. present	321	2.14	2.13	2.23	2.16	.042	.011	.006	.002	.75	.85	.85	.90	361	335	320	.869	.039	.595	.01	-.10	-.02	
2 a. RIintegrate	313	2.48	2.53	2.60	2.53	.047	.011	.006	.002	.82	.84	.84	.86	6,769	17,200	322,017	.311	.009	.303	-.06	-.15	-.06	
b. RISocietal	314	2.50	2.52	2.72	2.56	.051	.011	.007	.002	.90	.88	.86	.89	6,683	17,048	318,665	.613	.000	.233	-.03	-.25	-.07	
c. RIDiverse	312	2.51	2.52	2.74	2.57	.049	.012	.007	.002	.87	.91	.87	.91	6,604	16,913	315,204	.800	.000	.268	-.01	-.26	-.06	
d. RIownview	304	2.68	2.70	2.82	2.76	.047	.010	.006	.001	.81	.82	.79	.82	6,501	16,724	310,715	.644	.002	.070	-.03	-.18	-.10	
e. RIPerspect	302	2.82	2.86	2.96	2.91	.044	.010	.006	.001	.77	.81	.76	.80	6,362	16,473	304,879	.443	.003	.067	-.05	-.18	-.11	
f. RInewview	292	2.73	2.82	2.90	2.83	.047	.010	.006	.001	.80	.79	.78	.80	6,207	302	299,205	.066	.000	.024	-.11	-.23	-.13	
g. RIconnect	288	2.95	2.97	3.10	3.02	.044	.010	.006	.001	.75	.75	.71	.75	6,102	16,034	294,668	.579	.000	.112	-.03	-.21	-.09	
3 a. SFcareer	285	2.17	2.06	2.22	2.26	.050	.012	.007	.002	.84	.92	.91	.93	6,084	296	284	.044	.364	.079	.12	-.05	-.09	
b. SFotherwork	283	1.70	1.66	1.76	1.73	.050	.011	.007	.002	.85	.86	.89	.90	6,048	15,932	292,269	.433	.279	.659	.05	-.06	-.03	
c. SFdiscuss	283	1.88	1.94	2.08	1.94	.050	.012	.007	.002	.84	.88	.89	.90	5,966	15,775	288,931	.204	.000	.239	-.08	-.22	-.07	
d. SFperform	282	1.92	1.99	2.12	2.09	.050	.012	.007	.002	.84	.87	.86	.89	5,963	15,784	288,694	.181	.000	.001	-.08	-.23	-.19	
4 a. memorize	280	2.84	2.94	2.80	2.86	.048	.011	.007	.002	.81	.82	.83	.82	5,920	15,677	286,170	.059	.357	.664	-.12	.06	-.03	
b. HOapply	278	2.79	2.91	2.96	2.88	.048	.011	.006	.002	.81	.80	.78	.81	5,871	287	284,163	.017	.000	.047	-.15	-.22	-.12	
c. HOanalyze	278	2.84	2.87	2.99	2.89	.050	.011	.006	.002	.83	.81	.79	.82	5,788	287	280,532	.518	.003	.329	-.04	-.19	-.06	
d. HOevaluate	276	2.82	2.81	2.98	2.89	.050	.011	.006	.002	.84	.83	.79	.82	5,740	284	278,808	.859	.002	.143	.01	-.20	-.09	
e. HOform	278	2.79	2.82	2.97	2.88	.047	.011	.006	.002	.78	.82	.78	.81	5,699	15,310	277,034	.577	.000	.052	-.03	-.23	-.12	
5 a. ETgoals	278	3.03	3.00	3.12	3.04	.046	.011	.006	.002	.76	.78	.74	.80	5,636	15,193	274,721	.485	.048	.807	.04	-.12	-.01	
b. ETorganize	277	2.93	2.95	3.08	2.96	.048	.011	.006	.002	.80	.81	.78	.85	5,607	15,151	273,666	.707	.002	.624	-.02	-.19	-.03	
c. ETexample	274	2.88	2.97	3.08	2.98	.050	.011	.007	.002	.83	.81	.80	.84	5,581	15,129	273,056	.055	.000	.034	-.12	-.26	-.13	
d. ETdraftfb	272	2.68	2.69	2.86	2.80	.056	.013	.007	.002	.92	.93	.90	.92	5,569	15,122	272,433	.912	.001	.038	-.01	-.20	-.13	
e. ETfeedback	274	2.68	2.61	2.81	2.72	.052	.012	.007	.002	.86	.90	.87	.91	5,561	15,060	271,390	.234	.011	.499	.07	-.15	-.04	
f. etcriteria	274	2.98	2.95	3.02	2.98	.047	.037	.009	.002	.78	.81	.80	.85	749	7,612	275	.667	.453	.927	.03	-.05	.01	
g. etreview	273	2.88	3.01	2.99	2.95	.048	.035	.009	.002	.80	.77	.79	.83	549	7,588	119,636	.032	.024	.200	-.17	-.14	-.08	
h. etprefer	272	2.58	2.60	2.65	2.58	.051	.038	.010	.003	.84	.83	.85	.91	743	7,559	273	.761	.202	.973	-.02	-.08	.00	
i. etdemonstrate	272	3.08	3.05	3.16	3.09	.046	.036	.009	.002	.76	.79	.76	.82	741	7,533	118,956	.607	.068	.818	.04	-.11	-.01	

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Truman State University

First-Year Students

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
														Comparisons with:			Comparisons with:			Comparisons with:		
	Truman	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021
6 a. QRconclude	267	2.53	2.52	2.56	2.58	.055	.012	.007	.002	.90	.88	.88	.88	5,459	14,741	265,103	.798	.646	.387	.02	-.03	-.05
b. QRproblem	267	2.34	2.26	2.35	2.35	.055	.013	.008	.002	.90	.92	.90	.92	5,426	14,679	263,461	.185	.736	.809	.08	-.02	-.01
c. QRevaluate	266	2.34	2.28	2.37	2.33	.055	.012	.007	.002	.90	.87	.87	.89	5,395	14,581	262,180	.257	.525	.839	.07	-.04	.01
7 a. wrshortnum	265	6.14	6.77	7.86	6.49	.341	.080	.052	.011	5.55	5.72	6.17	5.80	5,389	14,579	261,625	.081	.000	.328	-.11	-.28	-.06
b. wrmednum	264	2.08	2.23	2.53	2.31	.172	.048	.026	.007	2.80	3.44	3.09	3.51	306	275	264	.401	.010	.198	-.04	-.15	-.06
c. wrlongnum	262	.59	.89	.87	1.03	.136	.041	.021	.006	2.20	2.92	2.51	3.09	310	274	262	.040	.044	.002	-.10	-.11	-.14
— wrpages	261	43.38	51.27	56.48	52.76	3.714	1.027	.533	.151	60.01	73.20	63.50	77.01	301	271	261	.041	.001	.012	-.11	-.21	-.12
8 a. DDrace	266	2.69	3.06	3.00	2.97	.053	.012	.008	.002	.87	.89	.91	.94	5,350	14,536	260,532	.000	.000	.000	-.42	-.34	-.29
b. DDeconomic	265	2.82	2.99	3.03	2.94	.054	.012	.007	.002	.88	.87	.87	.91	5,335	14,504	259,771	.002	.000	.035	-.20	-.24	-.13
c. DDreligion	264	2.89	2.98	2.80	2.85	.057	.013	.008	.002	.93	.90	1.00	.96	5,328	274	259,721	.151	.088	.431	-.09	.10	.05
d. DDpolitical	265	2.82	2.90	2.86	2.81	.058	.013	.008	.002	.95	.91	.94	.96	290	14,500	259,920	.194	.501	.847	-.09	-.04	.01
9 a. LSreading	263	2.94	2.95	3.12	2.99	.051	.011	.006	.002	.82	.77	.75	.78	5,299	14,428	258,030	.878	.000	.319	-.01	-.24	-.06
b. LSnotes	262	2.78	2.83	2.83	2.90	.055	.013	.007	.002	.88	.89	.89	.88	5,280	14,409	257,639	.354	.345	.030	-.06	-.06	-.13
c. LSsummary	265	2.68	2.78	2.81	2.83	.054	.012	.007	.002	.88	.87	.86	.87	5,288	14,408	257,719	.082	.022	.006	-.11	-.14	-.17
10 challenge	263	5.25	5.42	5.51	5.39	.074	.017	.010	.003	1.20	1.20	1.16	1.27	5,253	14,315	263	.027	.000	.068	-.14	-.22	-.11
11 a. intern ^l	261	2%	6%	7%	6%	.008	.003	.002	.000	--	--	--	--	--	--	--	.002	.001	.003	-.24	-.26	-.24
b. leader ^l	262	22%	10%	10%	9%	.026	.004	.003	.001	--	--	--	--	--	--	--	.000	.000	.000	.36	.33	.39
c. learncom ^l	259	7%	8%	7%	11%	.016	.004	.002	.001	--	--	--	--	--	--	--	.490	.809	.037	-.05	-.02	-.14
d. abroad ^l	261	3%	2%	2%	2%	.010	.002	.001	.000	--	--	--	--	--	--	--	.405	.402	.551	.05	.05	.03
e. research ^l	260	8%	4%	4%	4%	.016	.003	.002	.000	--	--	--	--	--	--	--	.007	.016	.008	.15	.13	.14
f. capstone ^l	261	2%	2%	1%	2%	.009	.002	.001	.000	--	--	--	--	--	--	--	.539	.066	.581	.04	.10	.03
12 servcourse	260	1.82	1.56	1.54	1.59	.032	.009	.006	.001	.52	.67	.66	.70	307	276	260	.000	.000	.000	.40	.42	.33
13 a. QIstudent	258	5.22	5.40	5.48	5.34	.080	.019	.011	.003	1.29	1.35	1.34	1.45	5,113	13,926	258	.041	.003	.156	-.13	-.19	-.08
b. QIadvisor	256	4.79	5.13	5.43	5.38	.098	.025	.014	.003	1.57	1.64	1.56	1.60	4,683	13,593	245,631	.001	.000	.000	-.21	-.41	-.37
c. QIfaculty	258	5.15	5.29	5.64	5.36	.082	.020	.011	.003	1.31	1.40	1.27	1.42	5,011	13,961	258	.104	.000	.010	-.10	-.38	-.15
d. QIstaff	244	4.87	5.12	5.30	5.13	.089	.024	.014	.004	1.39	1.56	1.52	1.64	280	254	244	.007	.000	.004	-.16	-.28	-.16
e. QIadmin	247	4.76	5.07	5.28	5.10	.091	.024	.014	.003	1.43	1.61	1.53	1.64	282	257	246	.001	.000	.000	-.19	-.33	-.21

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Truman State University

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Truman	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:						
														COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021				
14 a. empstudy	260	3.34	3.09	3.19	3.08	.046	.011	.006	.002	.75	.75	.73	.76	288	269	260	.000	.001	.000	.34	.22	.35				
b. SEacademic	259	2.75	2.91	3.08	2.98	.051	.012	.007	.002	.82	.85	.81	.85	5,135	14,016	249,443	.002	.000	.000	-.20	-.41	-.28				
c. SElearnsup	260	2.80	2.97	3.10	3.03	.054	.013	.007	.002	.87	.91	.87	.91	5,127	13,988	249,214	.004	.000	.000	-.18	-.34	-.25				
d. SEdiverse	257	2.51	2.63	2.72	2.72	.059	.014	.008	.002	.94	.98	.96	.97	5,128	13,984	248,812	.038	.000	.000	-.13	-.22	-.22				
e. SEsocial	256	2.65	2.83	2.82	2.82	.055	.013	.008	.002	.87	.90	.92	.93	5,110	13,953	248,367	.002	.004	.003	-.20	-.18	-.18				
f. SEwellness	255	2.51	2.79	2.86	2.83	.056	.013	.008	.002	.90	.91	.90	.93	5,095	13,941	247,970	.000	.000	.000	-.32	-.39	-.35				
g. SENonacad	256	1.91	2.13	2.28	2.29	.055	.014	.008	.002	.88	.96	.95	.98	288	266	256	.000	.000	.000	-.23	-.39	-.38				
h. SEactivities	256	2.43	2.63	2.66	2.61	.059	.013	.008	.002	.94	.93	.96	1.00	5,089	13,922	247,432	.001	.000	.004	-.21	-.23	-.18				
i. SEevents	256	2.41	2.41	2.55	2.39	.055	.013	.008	.002	.88	.93	.94	.97	5,089	13,889	256	.947	.012	.834	.00	-.16	.01				
15 a. SBmyself	256	3.10	3.20	3.24	3.24	.041	.010	.006	.001	.65	.70	.71	.69	287	267	256	.019	.001	.001	-.14	-.20	-.21				
b. SBvalued	256	2.76	2.86	3.07	2.99	.046	.011	.006	.002	.74	.77	.72	.75	5,072	264	256	.031	.000	.000	-.14	-.44	-.31				
c. SBcommunity	257	2.76	2.91	3.03	2.97	.047	.011	.007	.002	.76	.77	.78	.78	5,078	13,890	247,305	.002	.000	.000	-.20	-.35	-.28				
16 a. tmprephrs	255	17.68	15.06	16.60	15.00	.494	.124	.071	.017	7.88	8.62	8.29	8.40	287	265	255	.000	.031	.000	.31	.13	.32				
b. tmcocurrhrs	255	6.91	4.91	6.33	4.94	.455	.097	.064	.014	7.27	6.69	7.47	6.86	5,044	13,780	245,713	.000	.215	.000	.30	.08	.29				
c. tmworkonhrs	258	1.60	1.53	2.90	2.00	.289	.064	.047	.011	4.64	4.44	5.43	5.35	5,066	270	257	.824	.000	.168	.01	-.24	-.07				
d. tmworkoffhrs	258	2.08	4.96	4.09	6.56	.372	.125	.074	.021	5.97	8.70	8.61	10.58	318	277	258	.000	.000	.000	-.34	-.23	-.42				
— tmworkhrs	258	3.68	6.47	6.95	8.52	.534	.145	.085	.024	8.56	10.07	9.89	11.89	296	270	258	.000	.000	.000	-.28	-.33	-.41				
e. tmservicehrs	258	1.54	2.25	1.80	2.24	.235	.064	.033	.010	3.77	4.42	3.88	4.73	296	13,813	257	.004	.279	.003	-.16	-.07	-.15				
f. tmrelaxhrs	256	12.65	12.94	12.26	12.40	.516	.124	.070	.017	8.26	8.58	8.14	8.66	5,066	13,808	245,902	.596	.449	.654	-.03	.05	.03				
g. tmcarehrs	256	.99	2.05	1.74	3.41	.250	.081	.049	.016	4.00	5.59	5.64	7.94	310	274	257	.000	.004	.000	-.19	-.13	-.30				
h. tmcommutehrs	256	2.31	4.62	2.16	3.48	.307	.086	.040	.012	4.91	5.97	4.66	5.89	296	13,809	256	.000	.597	.000	-.39	.03	-.20				
17 reading	256	2.54	2.77	3.09	2.74	.065	.016	.009	.002	1.04	1.13	1.08	1.09	288	13,799	245,413	.001	.000	.004	-.20	-.51	-.18				
— tmreadinghrs	253	7.10	6.80	8.81	6.80	.353	.084	.055	.012	5.61	5.80	6.42	5.91	5,038	265	244,389	.415	.000	.416	.05	-.27	.05				

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Truman State University

First-Year Students

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
														Comparisons with:			Comparisons with:			Comparisons with:						
	Truman	Truman	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021				
18 a. pgwrite	253	2.52	2.70	2.86	2.80	.056	.012	.007	.002	.88	.85	.84	.87	5,042	261	244,843	.001	.000	.000	-.22	-.41	-.32				
b. pgspeak	252	2.39	2.48	2.61	2.65	.054	.014	.008	.002	.86	.94	.92	.93	284	13,750	252	.087	.000	.000	-.10	-.24	-.29				
c. pgthink	253	2.96	3.00	3.13	3.06	.050	.012	.007	.002	.80	.82	.78	.81	5,041	13,733	244,572	.449	.000	.042	-.05	-.22	-.13				
d. pganalyze	255	2.49	2.58	2.59	2.68	.059	.014	.008	.002	.95	.95	.97	.95	5,040	13,738	244,468	.130	.092	.001	-.10	-.11	-.20				
e. pgwork	254	2.30	2.39	2.53	2.59	.055	.014	.008	.002	.87	.94	.93	.96	285	264	254	.143	.000	.000	-.09	-.24	-.29				
f. pgothers	253	2.45	2.69	2.76	2.78	.051	.013	.008	.002	.82	.87	.88	.91	5,039	13,753	244,436	.000	.000	.000	-.28	-.35	-.36				
g. pgvalues	254	2.35	2.55	2.75	2.69	.057	.014	.008	.002	.92	.94	.92	.95	5,035	13,724	244,293	.001	.000	.000	-.22	-.44	-.36				
h. pgdiverse	252	2.47	2.70	2.80	2.79	.055	.014	.008	.002	.88	.94	.92	.94	5,021	13,744	244,512	.000	.000	.000	-.25	-.36	-.34				
i. pgprobsolve	252	2.40	2.50	2.65	2.64	.053	.013	.008	.002	.84	.93	.91	.94	285	263	252	.062	.000	.000	-.11	-.27	-.25				
j. pgcitizen	252	2.47	2.53	2.72	2.65	.054	.014	.008	.002	.86	.94	.92	.95	284	13,754	252	.308	.000	.002	-.06	-.27	-.18				
19 evalexp	253	2.83	3.04	3.24	3.12	.047	.011	.006	.002	.74	.74	.72	.75	5,062	13,792	245,745	.000	.000	.000	-.28	-.56	-.38				
20 sameinst	255	3.02	3.15	3.25	3.20	.052	.011	.007	.002	.82	.79	.78	.79	5,079	263	254	.014	.000	.001	-.16	-.28	-.23				
21 returnexp ^l	255	91%	87%	89%	88%	.0182	.0049	.0027	.0007	--	--	--	--	--	--	--	.079	.332	.211	.12	.06	.08				
22 covidexp	256	2.91	3.18	3.08	3.04	.053	.041	.011	.003	.85	.85	.87	.91	683	6,982	109,357	.000	.002	.023	-.31	-.20	-.14				

IPEDS: 178615

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Truman State University

Seniors

Variable Name	N		Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Truman	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:			
														COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	
1 a. askquest	339	3.02	3.00	3.21	3.01	.045	.012	.007	.002	.83	.91	.83	.89	386	12,677	345,370	.743	.000	.837	.02	-.23	.01	
b. CLaskhelp	339	2.48	2.44	2.48	2.38	.047	.012	.008	.002	.87	.89	.90	.95	6,130	12,625	339	.442	.964	.046	.04	.00	.10	
c. CLexplain	338	2.65	2.73	2.76	2.62	.045	.011	.008	.002	.83	.85	.86	.92	6,120	12,613	338	.089	.024	.484	-.10	-.12	.03	
d. CLstudy	337	2.39	2.46	2.48	2.36	.051	.013	.009	.002	.94	.98	1.00	1.03	6,090	357	337	.207	.086	.650	-.07	-.09	.02	
e. CLproject	337	2.97	2.86	2.87	2.75	.043	.012	.008	.002	.79	.89	.88	.96	388	359	337	.016	.020	.000	.12	.12	.23	
f. present	337	2.54	2.77	2.81	2.57	.046	.012	.008	.002	.85	.92	.89	.98	6,049	12,475	337	.000	.000	.447	-.26	-.31	-.04	
2 a. RIintegrate	335	2.85	2.91	2.99	2.88	.045	.011	.008	.001	.82	.84	.82	.86	6,013	353	335,173	.242	.003	.565	-.07	-.17	-.03	
b. RISocietal	334	2.76	2.80	2.96	2.77	.047	.012	.008	.002	.86	.91	.87	.92	5,956	12,336	334	.411	.000	.883	-.05	-.23	-.01	
c. RIDiverse	334	2.63	2.63	2.83	2.61	.050	.013	.008	.002	.91	.97	.90	.97	380	12,285	334	.992	.000	.696	.00	-.22	.02	
d. RIownview	329	2.77	2.81	2.92	2.84	.042	.011	.007	.001	.76	.84	.80	.84	377	12,175	328	.358	.001	.123	-.05	-.18	-.08	
e. RIPerspect	321	2.98	2.95	3.03	2.98	.041	.011	.007	.001	.73	.81	.78	.82	368	12,043	321	.549	.265	.926	.03	-.06	.00	
f. RInewview	322	2.87	2.97	3.03	2.96	.044	.011	.007	.001	.79	.79	.77	.80	5,645	338	319,120	.028	.000	.069	-.13	-.21	-.10	
g. RIconnect	316	3.15	3.18	3.26	3.18	.040	.010	.006	.001	.72	.74	.70	.74	5,572	11,834	315,821	.514	.008	.464	-.04	-.15	-.04	
3 a. SFcareer	316	2.45	2.39	2.61	2.40	.049	.014	.009	.002	.88	1.02	.95	.99	368	336	316	.216	.002	.266	.06	-.16	.06	
b. SFotherwork	316	2.05	1.96	2.19	1.92	.054	.014	.010	.002	.95	1.02	1.02	1.01	360	335	316	.101	.011	.012	.09	-.14	.13	
c. SFdiscuss	314	2.21	2.21	2.40	2.11	.049	.013	.009	.002	.86	.95	.92	.96	361	334	314	.960	.000	.027	.00	-.21	.11	
d. SFperform	314	2.08	2.17	2.29	2.18	.049	.013	.009	.002	.86	.94	.91	.93	360	333	314	.102	.000	.054	-.09	-.23	-.10	
4 a. memorize	313	2.82	2.80	2.61	2.74	.050	.013	.008	.002	.88	.90	.90	.89	5,475	11,639	309,369	.645	.000	.120	.03	.24	.09	
b. HOapply	314	2.99	3.01	3.10	3.05	.043	.011	.007	.001	.77	.81	.77	.81	5,451	11,586	314	.624	.013	.185	-.03	-.14	-.07	
c. HOanalyze	311	2.95	2.96	3.11	3.02	.044	.012	.007	.001	.77	.85	.78	.82	357	11,510	304,933	.934	.000	.142	.00	-.21	-.08	
d. HOevaluate	310	2.90	2.89	3.03	2.94	.045	.012	.008	.002	.79	.88	.82	.86	358	11,448	303,236	.813	.008	.462	.01	-.15	-.04	
e. HOform	308	2.91	2.89	3.06	2.96	.045	.012	.007	.002	.79	.85	.78	.83	352	11,404	301,732	.650	.001	.262	.03	-.19	-.06	
5 a. ETgoals	303	3.01	3.12	3.18	3.12	.045	.011	.007	.001	.78	.79	.75	.80	5,253	11,327	302	.027	.000	.015	-.13	-.23	-.14	
b. ETorganize	304	2.98	3.06	3.15	3.03	.046	.011	.007	.002	.80	.80	.77	.85	5,251	11,293	303	.084	.000	.301	-.10	-.22	-.06	
c. ETexample	303	3.04	3.11	3.19	3.07	.045	.012	.007	.002	.79	.81	.77	.85	342	318	302	.160	.002	.619	-.08	-.19	-.03	
d. ETdraftfb	304	2.79	2.73	2.92	2.79	.052	.014	.009	.002	.91	.98	.90	.96	347	11,266	303	.253	.013	.953	.06	-.14	.00	
e. ETfeedback	302	2.72	2.78	2.93	2.80	.050	.013	.008	.002	.87	.92	.85	.92	5,208	317	296,749	.228	.000	.095	-.07	-.25	-.10	
f. etcriteria	301	2.97	3.09	3.08	3.03	.044	.046	.011	.002	.77	.86	.81	.86	643	5,747	301	.047	.016	.153	-.16	-.14	-.07	
g. etreview	298	2.98	3.16	3.08	3.01	.043	.041	.011	.002	.75	.77	.79	.84	634	334	298	.003	.029	.432	-.24	-.12	-.04	
h. etprefer	301	2.66	2.84	2.79	2.68	.048	.048	.012	.003	.83	.89	.86	.93	642	5,719	301	.007	.011	.620	-.21	-.15	-.03	
i. etdemonstrate	301	3.13	3.10	3.17	3.12	.041	.045	.010	.002	.72	.83	.77	.83	644	339	301	.579	.370	.671	.04	-.05	.02	

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Truman State University

Seniors

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Truman	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat'l Liberal Arts	NSSE 2020 & 2021
6 a. QRconclude	294	2.49	2.54	2.68	2.65	.053	.014	.009	.002	.91	.95	.93	.92	5,132	11,034	291,318	.365	.000	.002	-.05	-.21	-.18
b. QRproblem	294	2.33	2.34	2.53	2.45	.056	.014	.009	.002	.96	.97	.96	.96	5,095	10,991	289,967	.846	.000	.022	-.01	-.22	-.13
c. QRevaluate	294	2.49	2.36	2.57	2.45	.051	.014	.009	.002	.87	.93	.92	.93	5,059	10,943	294	.018	.176	.370	.14	-.08	.05
7 a. wrshortnum	293	8.32	7.42	8.74	7.61	.374	.094	.066	.012	6.40	6.45	6.79	6.69	5,034	310	287,818	.022	.266	.069	.14	-.06	.11
b. wrmednum	293	3.38	3.58	3.80	3.60	.225	.062	.040	.009	3.84	4.28	4.12	4.59	338	10,877	293	.393	.085	.340	-.05	-.10	-.05
c. wrlongnum	293	1.85	2.06	2.01	2.01	.194	.053	.031	.007	3.31	3.65	3.22	3.93	337	10,900	293	.287	.390	.402	-.06	-.05	-.04
— wrpages	293	79.78	81.06	86.72	81.31	4.838	1.333	.828	.187	82.79	91.35	84.93	99.95	338	10,823	293	.798	.167	.751	-.01	-.08	-.02
8 a. DDrace	292	2.78	3.07	2.99	3.02	.051	.013	.009	.002	.88	.90	.90	.94	5,032	10,899	287,165	.000	.000	.000	-.33	-.24	-.26
b. DDeconomic	292	2.92	3.01	3.05	3.00	.047	.013	.008	.002	.80	.87	.85	.90	5,027	10,876	291	.098	.014	.099	-.10	-.15	-.09
c. DDreligion	291	2.96	2.96	2.82	2.91	.048	.013	.009	.002	.81	.92	.97	.95	336	313	291	.927	.007	.369	-.01	.14	.05
d. DDpolitical	292	2.88	2.85	2.84	2.86	.050	.013	.009	.002	.86	.93	.93	.96	334	310	292	.537	.409	.709	.03	.05	.02
9 a. LSreading	292	3.07	3.10	3.21	3.08	.045	.012	.007	.002	.77	.82	.76	.81	332	307	285,092	.502	.004	.942	-.04	-.18	.00
b. LSnotes	292	2.56	2.75	2.69	2.86	.056	.014	.009	.002	.95	.96	.94	.93	4,982	10,827	284,805	.001	.017	.000	-.20	-.14	-.32
c. LSsummary	292	2.65	2.82	2.78	2.86	.050	.013	.009	.002	.85	.90	.88	.90	4,992	10,820	284,779	.002	.013	.000	-.19	-.15	-.23
10 challenge	291	5.19	5.47	5.49	5.51	.073	.019	.012	.003	1.24	1.28	1.20	1.34	4,963	10,778	291	.000	.000	.000	-.22	-.25	-.24
11 a. intern ^l	291	49%	51%	63%	46%	.0294	.0073	.0047	.0009	--	--	--	--	--	--	--	.483	.000	.231	-.04	-.29	.07
b. leader ^l	291	68%	37%	53%	32%	.0275	.0071	.0049	.0009	--	--	--	--	--	--	--	.000	.000	.000	.63	.30	.72
c. learncom ^l	291	17%	22%	27%	22%	.0219	.0060	.0043	.0008	--	--	--	--	--	--	--	.045	.000	.040	-.13	-.25	-.13
d. abroad ^l	291	12%	14%	33%	12%	.0191	.0051	.0046	.0006	--	--	--	--	--	--	--	.380	.000	.876	-.05	-.52	-.01
e. research ^l	291	32%	30%	42%	22%	.0274	.0067	.0048	.0008	--	--	--	--	--	--	--	.472	.001	.000	.04	-.20	.23
f. capstone ^l	290	76%	46%	67%	44%	.0253	.0073	.0046	.0009	--	--	--	--	--	--	--	.000	.002	.000	.62	.19	.66
12 servcourse	290	1.61	1.68	1.74	1.74	.035	.010	.006	.001	.60	.68	.65	.72	4,920	10,681	279,536	.093	.001	.002	-.10	-.20	-.18
13 a. Qlstudent	289	5.61	5.52	5.60	5.56	.070	.019	.013	.003	1.20	1.31	1.27	1.38	4,867	10,629	289	.240	.873	.505	.07	.01	.03
b. Qladvisor	288	4.83	5.03	5.56	5.29	.100	.027	.015	.003	1.69	1.80	1.57	1.75	4,691	10,522	274,669	.078	.000	.000	-.11	-.46	-.26
c. Qlfaculty	288	5.33	5.47	5.79	5.50	.077	.021	.012	.003	1.30	1.41	1.22	1.42	4,860	301	288	.095	.000	.025	-.10	-.38	-.12
d. Qlstaff	263	4.77	4.90	4.97	5.00	.096	.029	.017	.004	1.56	1.75	1.65	1.74	311	9,768	263	.198	.047	.018	-.07	-.12	-.13
e. Qladmin	278	4.60	4.90	5.01	4.99	.097	.026	.016	.003	1.62	1.69	1.63	1.73	4,496	10,165	257,564	.004	.000	.000	-.18	-.25	-.23

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Truman State University

Seniors

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
	Truman	Truman	COPLAC	Nat Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Nat Liberal Arts	NSSE 2020 & 2021	Comparisons with:			Comparisons with:			Comparisons with:		
														COPLAC	Nat Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat Liberal Arts	NSSE 2020 & 2021	COPLAC	Nat Liberal Arts	NSSE 2020 & 2021
14 a. empstudy	290	3.56	3.14	3.24	3.13	.037	.011	.007	.001	.64	.77	.74	.77	4,897	311	278,298	.000	.000	.000	.55	.43	.55
b. SEacademic	290	2.57	2.76	2.99	2.89	.047	.013	.008	.002	.80	.88	.81	.88	4,886	306	277,774	.000	.000	.000	-.22	-.51	-.37
c. SElearnsup	290	2.54	2.69	2.93	2.83	.049	.014	.009	.002	.83	.95	.88	.95	338	10,632	289	.005	.000	.000	-.15	-.43	-.30
d. SEdiverse	290	2.31	2.45	2.56	2.61	.052	.015	.010	.002	.89	1.02	.98	1.00	338	309	290	.010	.000	.000	-.14	-.26	-.30
e. SEsocial	290	2.68	2.70	2.83	2.76	.050	.014	.009	.002	.86	.92	.89	.95	4,866	10,609	289	.836	.006	.159	-.01	-.16	-.08
f. SEwellness	291	2.31	2.59	2.70	2.69	.050	.014	.009	.002	.85	.98	.92	.97	341	309	291	.000	.000	.000	-.28	-.42	-.39
g. SENonacad	290	1.73	1.93	2.07	2.10	.051	.014	.009	.002	.87	.96	.95	.99	4,862	10,579	289	.000	.000	.000	-.22	-.36	-.37
h. SEactivities	289	2.37	2.47	2.66	2.49	.052	.014	.009	.002	.89	.94	.92	1.01	331	10,586	289	.058	.000	.023	-.11	-.32	-.12
i. SEevents	288	2.22	2.31	2.53	2.29	.052	.014	.009	.002	.88	.94	.92	.98	330	305	288	.119	.000	.184	-.09	-.34	-.07
15 a. SBmyself	291	3.19	3.25	3.24	3.30	.043	.011	.008	.001	.74	.74	.77	.73	4,860	10,585	275,836	.143	.260	.012	-.09	-.07	-.15
b. SBvalued	290	2.71	2.78	2.95	2.92	.048	.013	.008	.002	.81	.88	.84	.85	4,854	10,596	275,591	.168	.000	.000	-.08	-.29	-.25
c. SBcommunity	291	2.91	2.86	3.01	2.95	.046	.013	.008	.002	.79	.85	.84	.84	334	10,594	275,710	.273	.056	.500	.06	-.11	-.04
16 a. tmprephrs	288	17.39	15.73	16.68	15.42	.514	.134	.085	.017	8.72	9.03	8.65	8.91	4,849	10,556	274,794	.002	.168	.000	.18	.08	.22
b. tmcocurrhrs	289	6.84	4.99	7.02	4.67	.384	.105	.079	.013	6.52	7.06	8.03	7.05	4,831	313	274,316	.000	.644	.000	.26	-.02	.31
c. tmworkonhrs	289	3.57	3.27	5.50	3.25	.324	.097	.069	.013	5.50	6.53	6.99	6.80	341	314	289	.375	.000	.324	.05	-.28	.05
d. tmworkoffhrs	288	4.52	9.83	7.00	12.91	.477	.175	.105	.025	8.09	11.79	10.67	13.35	368	315	288	.000	.000	.000	-.46	-.23	-.63
— tmworkhrs	288	8.08	13.07	12.47	16.14	.578	.185	.112	.026	9.80	12.47	11.33	13.60	348	308	288	.000	.000	.000	-.40	-.39	-.59
e. tmservicehrs	289	1.84	3.11	2.48	3.07	.169	.081	.044	.011	2.87	5.47	4.45	5.63	435	328	290	.000	.000	.000	-.24	-.14	-.22
f. tmrelaxhrs	288	12.07	11.92	11.77	11.07	.445	.127	.079	.016	7.55	8.53	7.96	8.32	335	10,534	288	.748	.532	.025	.02	.04	.12
g. tmcarehrs	288	.83	3.95	2.68	6.19	.228	.133	.074	.021	3.88	8.95	7.48	11.06	510	350	292	.000	.000	.000	-.36	-.25	-.48
h. tmcommutehrs	287	3.18	5.56	2.58	4.45	.232	.092	.044	.012	3.93	6.18	4.46	6.31	381	307	287	.000	.011	.000	-.39	.14	-.20
17 reading	287	2.71	2.86	3.11	2.83	.063	.018	.011	.002	1.07	1.22	1.15	1.18	334	10,515	287	.027	.000	.059	-.12	-.35	-.10
— tmreadinghrs	286	7.68	7.43	8.82	7.34	.369	.095	.065	.012	6.24	6.42	6.61	6.48	4,829	10,487	272,802	.529	.004	.382	.04	-.17	.05

NSSE 2021 Frequencies and Statistical Comparisons

Detailed Statistics^g

Truman State University

Seniors

Variable Name	N					Standard error ^h				Standard deviation ⁱ				Degrees of freedom ^j			Significance ^k			Effect size ^e		
														Comparisons with:			Comparisons with:			Comparisons with:		
	Truman	Truman	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	Truman	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021	COPLAC	Natl Liberal Arts	NSSE 2020 & 2021
18 a. pgwrite	288	3.05	3.03	3.20	3.01	.049	.013	.008	.002	.83	.87	.81	.89	4,828	302	273,856	.707	.003	.406	.02	-.19	.05
b. pgspeak	288	2.89	2.90	3.06	2.92	.051	.014	.009	.002	.86	.92	.86	.93	4,819	10,508	288	.868	.001	.657	-.01	-.20	-.02
c. pgthink	288	3.35	3.30	3.45	3.29	.041	.011	.007	.002	.70	.77	.71	.78	333	10,512	288	.307	.017	.195	.06	-.14	.07
d. pganalyze	288	2.77	2.76	2.93	2.91	.053	.015	.010	.002	.89	1.00	.98	.96	334	10,503	273,475	.827	.008	.014	.01	-.16	-.14
e. pgwork	287	2.81	2.77	2.90	2.93	.054	.015	.009	.002	.92	.99	.94	.96	329	10,514	273,495	.456	.126	.033	.04	-.09	-.13
f. pgothers	287	3.01	2.99	3.11	3.04	.045	.013	.008	.002	.77	.88	.83	.89	334	305	287	.669	.036	.531	.02	-.12	-.03
g. pgvalues	287	2.66	2.77	2.95	2.85	.056	.015	.009	.002	.95	.98	.93	.98	4,813	301	273,242	.068	.000	.001	-.11	-.32	-.20
h. pgdiverse	287	2.72	2.81	2.89	2.88	.053	.014	.009	.002	.90	.96	.92	.97	4,817	10,512	273,324	.092	.002	.004	-.10	-.19	-.17
i. pgprobsolve	286	2.73	2.74	2.88	2.85	.053	.014	.009	.002	.90	.95	.91	.95	4,816	10,505	273,405	.936	.006	.031	.00	-.17	-.13
j. pgcitizen	287	2.65	2.69	2.85	2.74	.055	.015	.009	.002	.93	.98	.94	.99	4,824	10,520	273,635	.476	.000	.132	-.04	-.21	-.09
19 evalexp	287	3.10	3.15	3.33	3.20	.045	.012	.007	.001	.76	.79	.74	.78	4,855	301	287	.371	.000	.026	-.05	-.30	-.13
20 sameinst	287	3.05	3.13	3.16	3.20	.049	.013	.009	.002	.83	.85	.87	.85	324	303	287	.103	.021	.002	-.10	-.13	-.18
21 covidexp	287	2.81	3.15	3.09	3.02	.052	.047	.012	.003	.89	.85	.88	.94	606	5,379	121,094	.000	.000	.000	-.39	-.31	-.22

IPEDS: 178615

Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a z -test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h . See page 2 for more details.
- f. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress" or "Yes."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the t -tests. Values differ from Ns due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent t -tests or z -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress" or "Yes."



NSSE 2021

Multi-Year Report

Truman State University

About Your Multi-Year Report

For institutions participating in multiple NSSE administrations since 2013, the year of the last survey update, this report presents year-to-year results for Engagement Indicators (EIs), High-Impact Practices (HIPs), and key academic challenge items to illustrate patterns of change or stability. It also provides details such as numbers of respondents, standard deviations, and standard errors so that statistical tests can be calculated.

For more information and recommendations for analyzing NSSE data over time, view our webinar entitled *Recommendations for Using Multiple Years of NSSE Data*: <http://go.iu.edu/2R1r>

This report contains three main parts: (a) a page that provides a quick reference to important information about each year's administration, (b) multi-year figures, and (c) detailed statistics. Key terms and features are illustrated below.

Report sections

Administration Summaries (p. 3)	A summary of respondent counts, response rates, sampling errors, and administration details for each participation year.
Engagement Results by Theme (pp. 4-7)	Results for ten EIs and selected individual survey items are displayed, organized under four broad themes. The Academic Challenge theme is represented by four EIs as well as several individual items. The three remaining engagement themes (Learning with Peers, Experiences with Faculty, and Campus Environment) are each represented by two EIs.
High-Impact Practices (pp. 8-9)	Results for six HIPs are displayed. First-year student results indicate students who participated in service-learning, a learning community, and research with faculty, and who <i>planned to do</i> an internship or field experience, study abroad, and a culminating senior experience. Senior results indicate students who participated in all six.
Detailed Statistics (pp. 10-13)	Displays detailed information for results including counts, standard errors, and confidence intervals (CIs) for each measure.

Interpreting year-to-year results

When examining year-to-year results, you may wonder whether observed differences signify meaningful change and whether a trend is indicated. Figures display CIs around each score showing the range of values that is estimated to contain the population score 95% of the time. Upper and lower CI bounds are also reported in the Detailed Statistics section.

For further investigation

The Report Builder, updated with current data in the fall, allows for multi-year analysis of Engagement Indicators and individual items (including HIPs). It also affords the analysis of results by subpopulation.

The precision of an institution's population estimates can vary between administrations. An important early step in conducting a multi-year analysis is to review data quality. The values in the tables below were drawn from your *Administration Summary* reports.

Response Details by Participation Year

Year	First-year students					Seniors				
	Response rate ^a	Sampling error ^b	Total respondents ^c	Full completions	Partial completions	Response rate ^a	Sampling error ^b	Total respondents ^c	Full completions	Partial completions
2013										
2014	34%	+/- 3.4%	541	390	151	30%	+/- 4.1%	404	338	66
2015	33%	+/- 3.9%	421	341	80	27%	+/- 4.5%	342	273	69
2016	35%	+/- 3.8%	434	319	115	29%	+/- 4.5%	336	251	85
2017	36%	+/- 3.7%	455	319	136	27%	+/- 4.5%	344	278	66
2018	27%	+/- 4.5%	345	263	82	24%	+/- 5.0%	288	233	55
2019	39%	+/- 3.6%	462	345	117	30%	+/- 4.4%	348	282	66
2020	43%	+/- 3.6%	430	337	93	32%	+/- 4.2%	378	307	71
2021	39%	+/- 4.2%	328	252	76	31%	+/- 4.4%	341	287	54

Administration Details by Participation Year

Year	Recruitment method	Sample type	Incentives offered	Additional question sets	Report Sample identified ^d	BCSSE	FSSE
2013							
2014	Email	Census	No	Council of Public Liberal Arts Colleges	No	No	No
2015	Email	Census	No	Transferable Skills, Civic Engagement	No	No	No
2016	Email	Census	No	Academic Advising, Global Learning	No	No	No
2017	Email	Census	No	Transferable Skills, Civic Engagement	No	No	Yes
2018	Email	Census	No	Academic Advising, Global Learning	No	No	No
2019	Email	Census	No	Transferable Skills, Civic Engagement	No	No	Yes
2020	Email	Census	No	Academic Advising, Global Learning	No	No	No
2021	Email	Census	No	Academic Advising, Inclusiv & Cult Div	No	No	Yes

Note: All of your institution's participation years since 2013 (the first year of the updated NSSE) are reported. Years in which your institution did not participate are blank.

a. Response rates (number of respondents divided by sample size) are adjusted for ineligibility, nondeliverable addresses, and students who were unavailable during the survey administration.

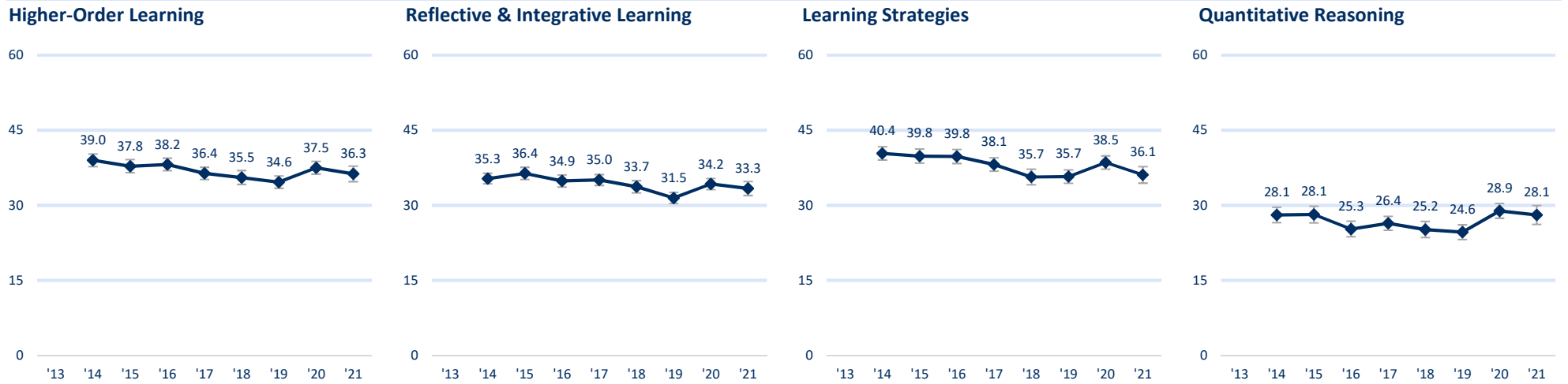
b. Sampling error gauges the precision of results based on a sample survey. It is an estimate (at the 95% confidence level) of how much survey item percentages for your respondents could differ from those of the entire population of students at your institution. While data with larger sampling errors (such as +/-10%) need not be dismissed out of hand, such results should be interpreted more conservatively.

c. Count used to calculate response rates and sampling errors for each *Administration Summary* report. Includes all census-administered and randomly sampled students, regardless of "Report Sample" designation.

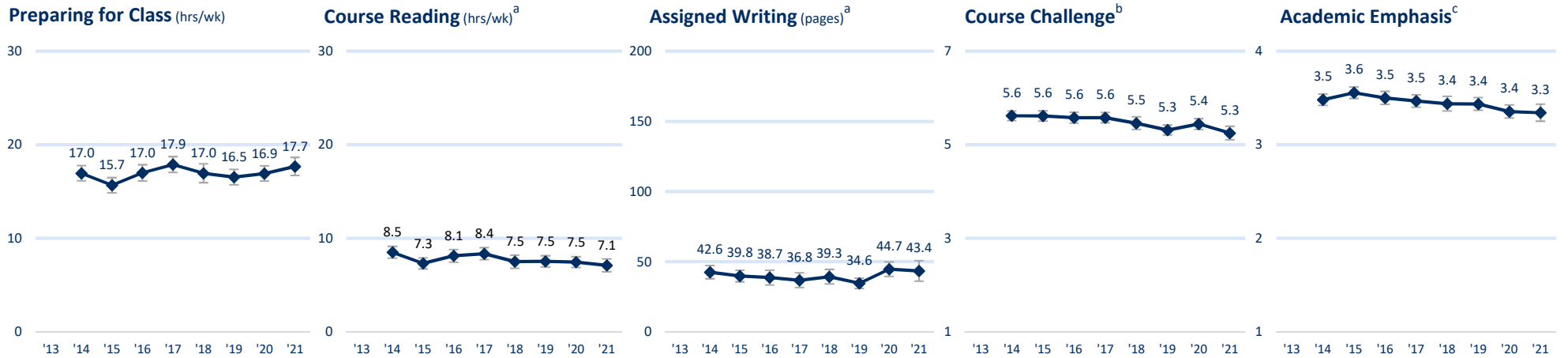
d. Starting in 2017, institutions had the option to flag a subset of students for exclusion from reports. Refer to your *Administration Summary* reports.

Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. The Academic Challenge theme contains four EIs as well as several important individual items. See pages 10-12 for detailed statistics. For more information, including the items that make up each EI, refer to your *Engagement Indicators* report.

Academic Challenge: First-year students



Academic Challenge (additional items): First-year students



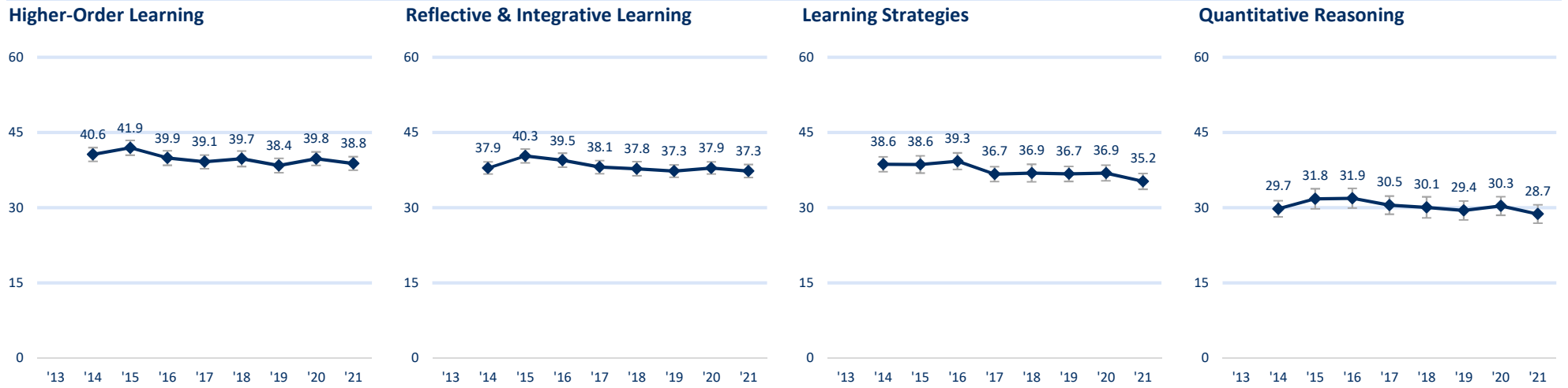
a. Values for Course Reading and Assigned Writing are estimates calculated from two or more survey questions.

b. Extent to which courses challenged students to do their best work (1 = "Not at all" to 7 = "Very much").

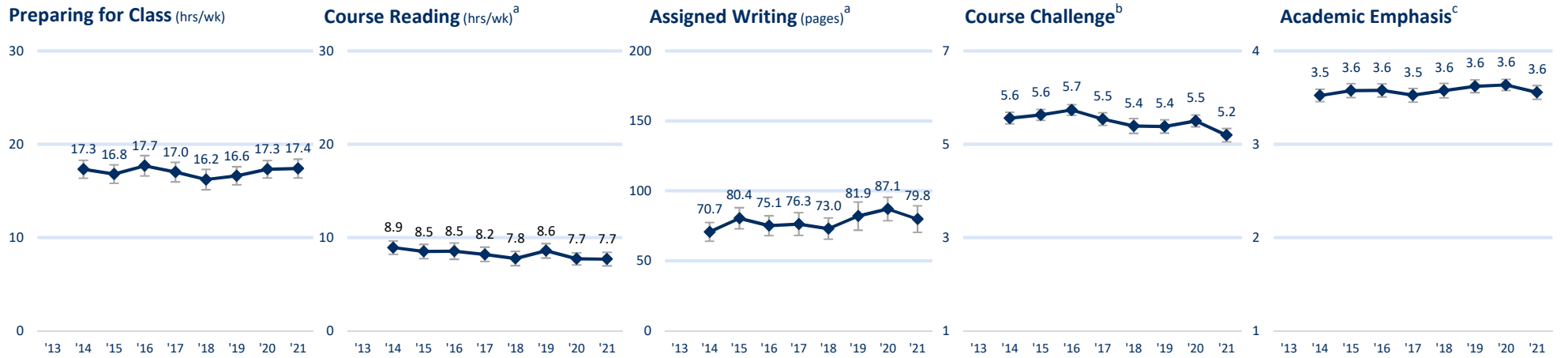
c. How much students said the institution emphasizes spending significant time studying and on academic work (1 = "Very little," 2 = "Some," 3 = "Quite a bit," and 4 = "Very much").

Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. The Academic Challenge theme contains four EIs as well as several important individual items. See pages 10-12 for detailed statistics. For more information, including the items that make up each EI, refer to your *Engagement Indicators* report.

Academic Challenge: Seniors



Academic Challenge (additional items): Seniors



a. Values for Course Reading and Assigned Writing are estimates calculated from two or more survey questions.

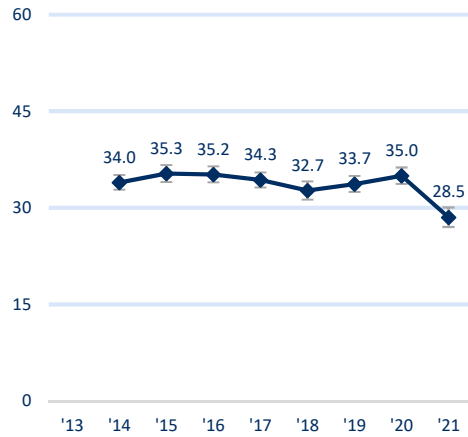
b. Extent to which courses challenged students to do their best work (1 = "Not at all" to 7 = "Very much").

c. How much students said the institution emphasizes spending significant time studying and on academic work (1 = "Very little," 2 = "Some," 3 = "Quite a bit," and 4 = "Very much").

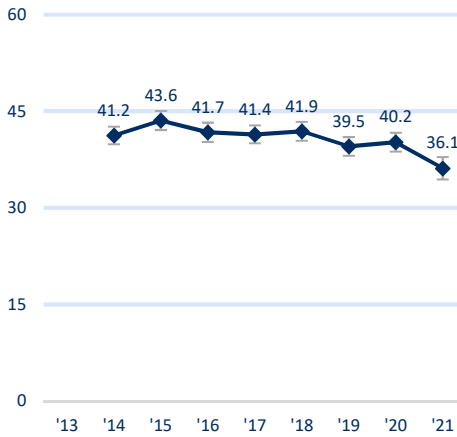
Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. Each theme below is represented by two EIs. See pages 10-12 for detailed statistics. For more information, including the items that make up each EI, refer to your *Engagement Indicators* report.

Learning with Peers: First-year students

Collaborative Learning

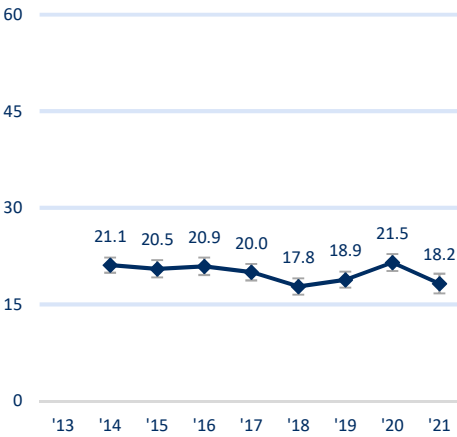


Discussions with Diverse Others

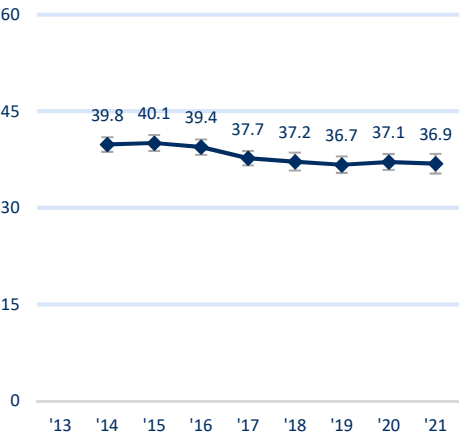


Experiences with Faculty: First-year students

Student-Faculty Interaction

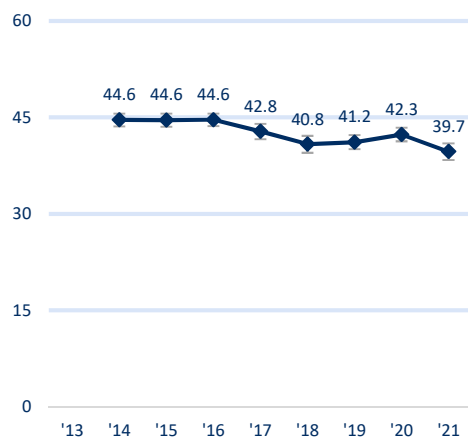


Effective Teaching Practices

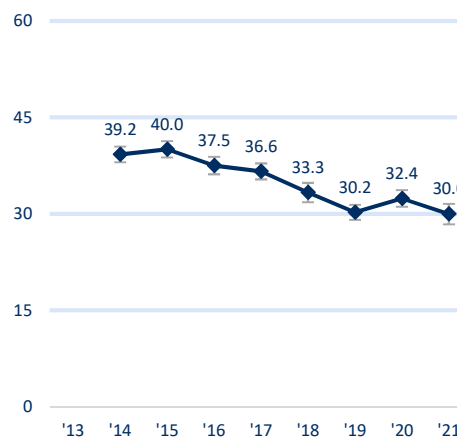


Campus Environment: First-year students

Quality of Interactions



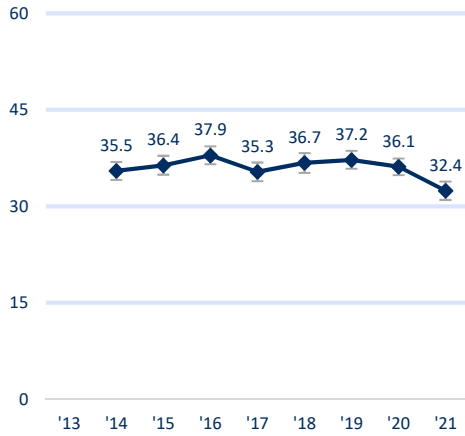
Supportive Environment



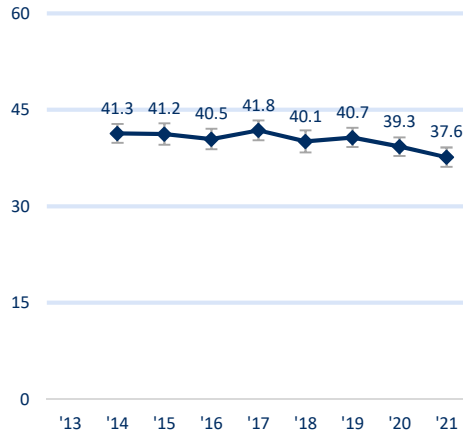
Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. Each theme below is represented by two EIs. See pages 10-12 for detailed statistics. For more information, including the items that make up each EI, refer to your *Engagement Indicators* report.

Learning with Peers: Seniors

Collaborative Learning

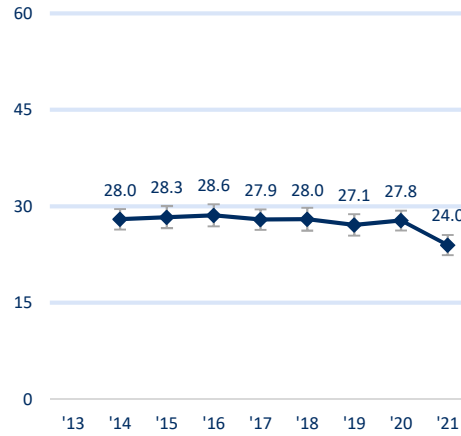


Discussions with Diverse Others

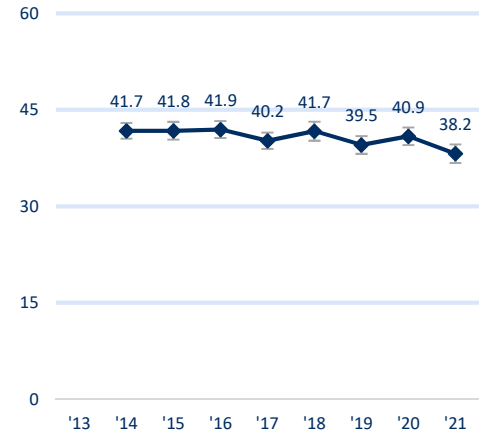


Experiences with Faculty: Seniors

Student-Faculty Interaction

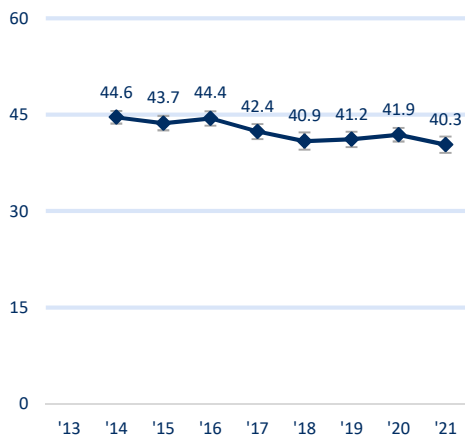


Effective Teaching Practices

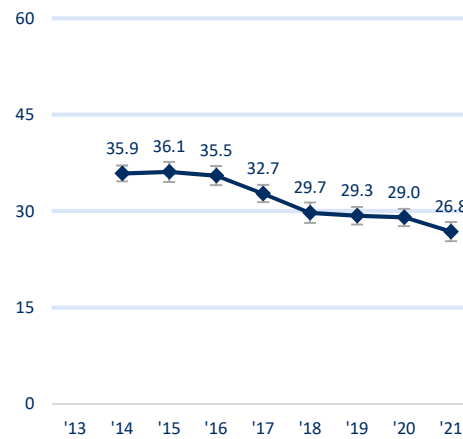


Campus Environment: Seniors

Quality of Interactions



Supportive Environment

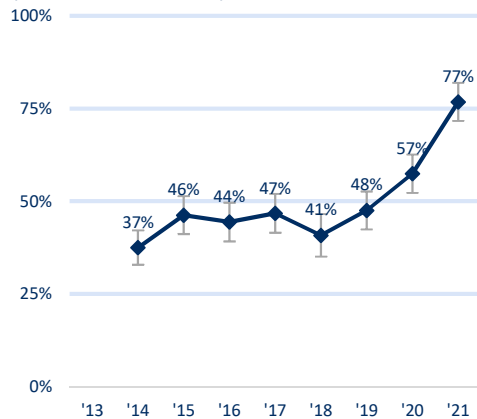


Due to their positive associations with student learning and retention, special undergraduate opportunities are designated "high-impact." The figures below display first-year students' participation, or intent to participate, in High-Impact Practices (HIPs) by year. See page 13 for detailed statistics. For more information, refer to your *High-Impact Practices* report.

High-Impact Practices: First-year students

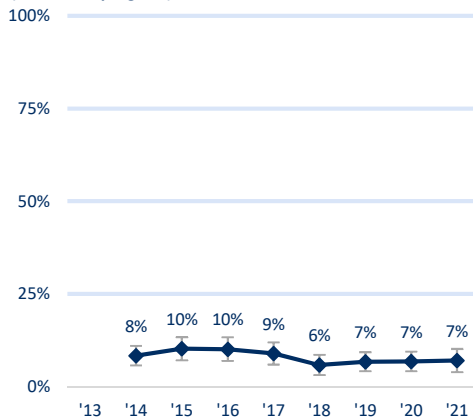
Service-Learning

(Some, most, or all courses)



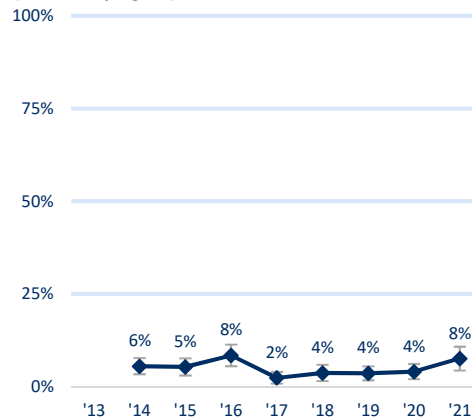
Learning Community

(Done or in progress)



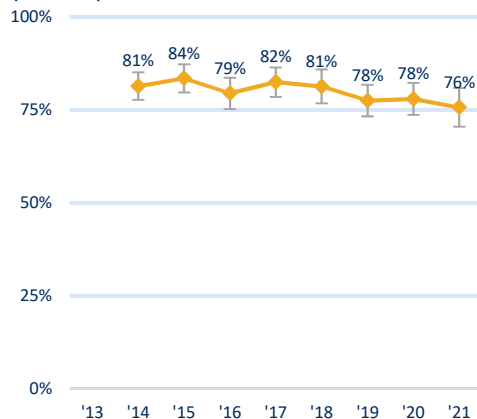
Research with Faculty

(Done or in progress)



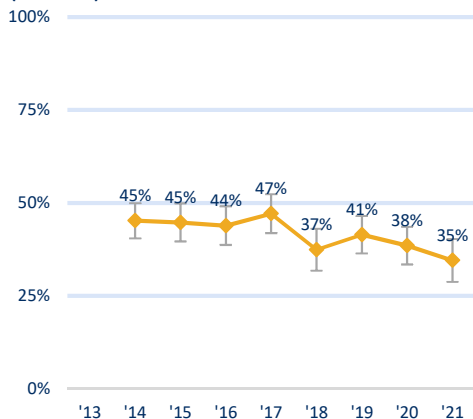
Internship/Field Experience

(Plan to do)



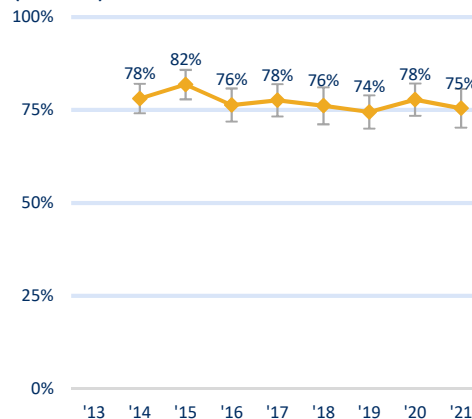
Study Abroad

(Plan to do)



Culminating Senior Experience

(Plan to do)



Overall first-year HIP participation

The figure below displays the percentages of first-year students who participated in at least one high-impact practice. The figure is limited to participation in service-learning, a learning community, and research with faculty.

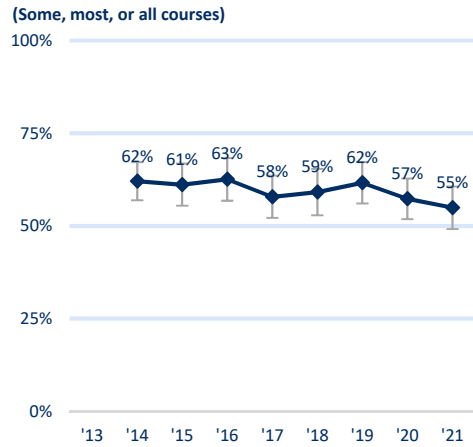


NSSE founding director George Kuh recommends that institutions aspire for all students to participate in at least two HIPs over the course of their undergraduate experience—one during the first year and one in the context of their major.

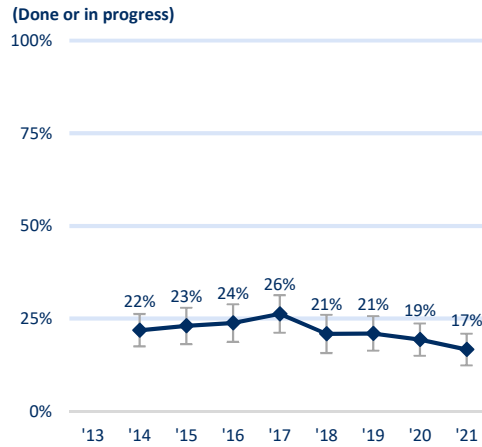
Due to their positive associations with student learning and retention, special undergraduate opportunities are designated "high-impact." Participation in High-Impact Practices (HIPs) by year is displayed in the figures below. See page 13 for detailed statistics. For more information, refer to your *High-Impact Practices* report.

High-Impact Practices: Seniors

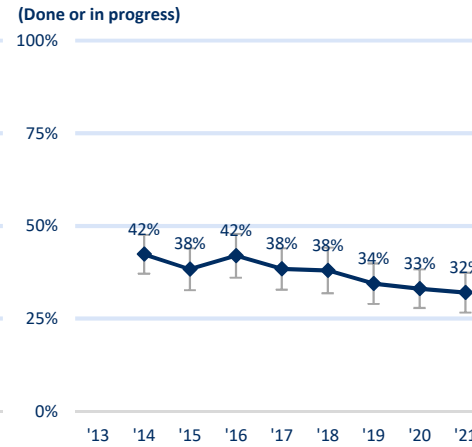
Service-Learning (Some, most, or all courses)



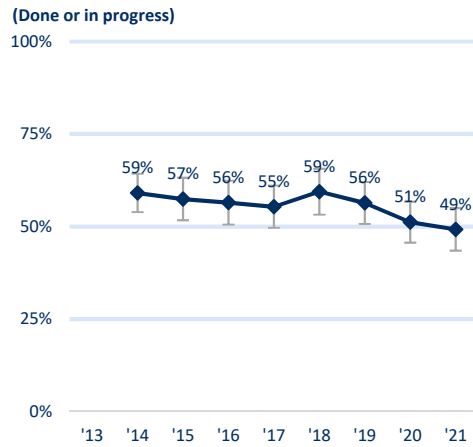
Learning Community (Done or in progress)



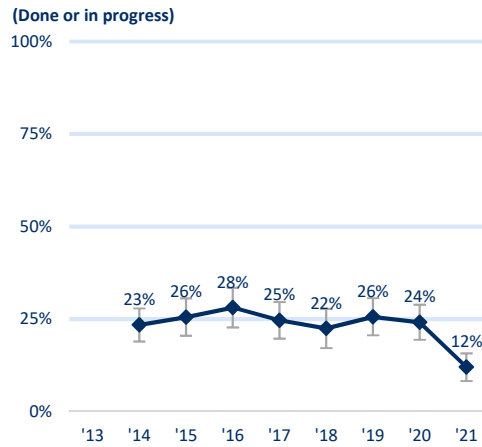
Research with Faculty (Done or in progress)



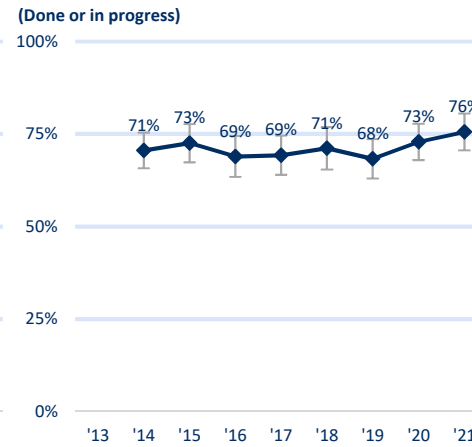
Internship/Field Experience (Done or in progress)



Study Abroad (Done or in progress)

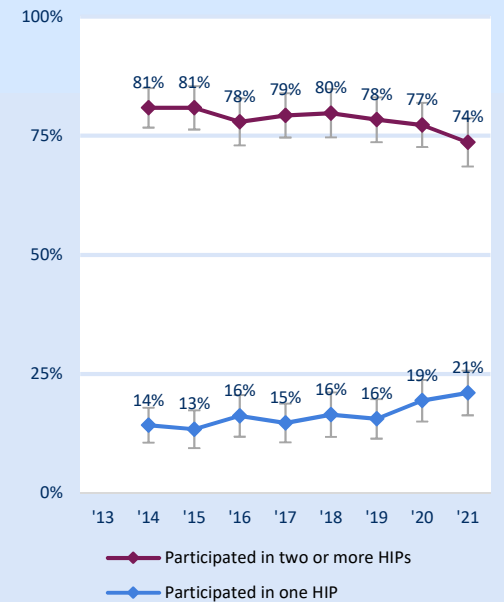


Culminating Senior Experience (Done or in progress)



Overall senior HIP participation

The figure below displays the percentages of seniors who participated in one, and two or more, high-impact practices. The figure includes all six HIPs.



NSSE founding director George Kuh recommends that institutions aspire for all students to participate in at least two HIPs over the course of their undergraduate experience—one during the first year and one in the context of their major.

NSSE 2021 Multi-Year Report

Detailed Statistics: Engagement Indicators and Additional Items

Truman State University

		First-year students								Seniors									
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'13	'14	'15	'16	'17	'18	'19	'20	'21
<i>Academic Challenge</i>																			
Higher-Order Learning	<i>Mean</i>	39.0	37.8	38.2	36.4	35.5	34.6	37.5	36.3		40.6	41.9	39.9	39.1	39.7	38.4	39.8	38.8	
	<i>n</i>	458	381	379	401	300	391	373	275		363	298	298	321	257	298	324	307	
	<i>SD</i>	13.8	13.2	12.4	12.5	12.2	12.3	12.5	13.1		13.4	13.0	12.7	12.4	12.6	12.8	12.3	12.0	
	<i>SE</i>	.64	.68	.64	.63	.71	.62	.65	.79		.70	.75	.73	.69	.79	.74	.68	.69	
	<i>CI upper bound</i>	40.3	39.1	39.4	37.6	36.9	35.8	38.8	37.8		42.0	43.4	41.3	40.5	41.3	39.8	41.1	40.2	
	<i>CI lower bound</i>	37.7	36.5	36.9	35.1	34.2	33.4	36.2	34.7		39.2	40.5	38.4	37.8	38.2	36.9	38.4	37.5	
Reflective & Integrative Learning	<i>Mean</i>	35.3	36.4	34.9	35.0	33.7	31.5	34.2	33.3		37.9	40.3	39.5	38.1	37.8	37.3	37.9	37.3	
	<i>n</i>	482	397	395	419	314	414	396	292		373	309	306	325	264	326	343	322	
	<i>SD</i>	11.7	12.4	12.2	11.3	11.0	11.4	11.1	12.2		11.9	12.6	12.5	12.1	11.7	11.2	11.3	11.9	
	<i>SE</i>	.53	.62	.62	.55	.62	.56	.56	.72		.61	.71	.71	.67	.72	.62	.61	.66	
	<i>CI upper bound</i>	36.4	37.6	36.1	36.1	34.9	32.6	35.3	34.7		39.1	41.7	40.9	39.4	39.2	38.5	39.1	38.6	
	<i>CI lower bound</i>	34.3	35.2	33.6	34.0	32.5	30.4	33.1	31.9		36.7	38.9	38.1	36.7	36.3	36.1	36.7	36.0	
Learning Strategies	<i>Mean</i>	40.4	39.8	39.8	38.1	35.7	35.7	38.5	36.1		38.6	38.6	39.3	36.7	36.9	36.7	36.9	35.2	
	<i>n</i>	419	361	344	356	283	372	356	262		341	282	269	295	243	293	312	292	
	<i>SD</i>	13.7	13.7	13.3	13.0	13.4	13.2	12.8	13.6		13.9	14.7	13.8	13.0	13.9	13.1	14.0	13.8	
	<i>SE</i>	.67	.72	.72	.69	.80	.68	.68	.84		.76	.88	.84	.76	.89	.76	.79	.81	
	<i>CI upper bound</i>	41.7	41.3	41.2	39.5	37.2	37.1	39.9	37.7		40.1	40.3	40.9	38.2	38.6	38.2	38.5	36.8	
	<i>CI lower bound</i>	39.1	38.4	38.4	36.8	34.1	34.4	37.2	34.4		37.2	36.9	37.6	35.2	35.1	35.2	35.3	33.7	
Quantitative Reasoning	<i>Mean</i>	28.1	28.1	25.3	26.4	25.2	24.6	28.9	28.1		29.7	31.8	31.9	30.5	30.1	29.4	30.3	28.7	
	<i>n</i>	455	386	378	401	289	382	361	266		370	299	299	313	249	293	315	294	
	<i>SD</i>	16.6	16.6	15.6	14.2	13.9	14.7	14.2	15.7		15.7	17.6	17.3	16.4	16.9	16.5	16.7	16.1	
	<i>SE</i>	.78	.84	.80	.71	.82	.75	.75	.97		.82	1.02	1.00	.93	1.07	.96	.94	.94	
	<i>CI upper bound</i>	29.6	29.8	26.8	27.8	26.8	26.1	30.3	30.0		31.3	33.8	33.8	32.3	32.2	31.3	32.2	30.6	
	<i>CI lower bound</i>	26.5	26.5	23.7	25.0	23.6	23.2	27.4	26.2		28.1	29.8	29.9	28.7	27.9	27.5	28.5	26.9	
<i>Academic Challenge (additional items)</i>																			
Preparing for Class (hours/week)	<i>Mean</i>	17.0	15.7	17.0	17.9	17.0	16.5	16.9	17.7		17.3	16.8	17.7	17.0	16.2	16.6	17.3	17.4	
	<i>n</i>	405	345	320	331	271	359	346	255		341	270	254	282	235	286	311	288	
	<i>SD</i>	8.3	7.7	8.0	7.8	8.4	8.0	7.7	7.9		9.0	8.3	8.9	9.0	8.6	8.3	8.5	8.7	
	<i>SE</i>	.41	.42	.45	.43	.51	.42	.41	.49		.49	.50	.56	.53	.56	.49	.48	.51	
	<i>CI upper bound</i>	17.8	16.5	17.9	18.7	18.0	17.4	17.7	18.6		18.3	17.8	18.8	18.0	17.3	17.6	18.3	18.4	
	<i>CI lower bound</i>	16.2	14.9	16.1	17.0	15.9	15.7	16.1	16.7		16.4	15.8	16.6	16.0	15.1	15.7	16.4	16.4	
Course Reading Est. hrs per week calculated from two items.	<i>Mean</i>	8.5	7.3	8.1	8.4	7.5	7.5	7.5	7.1		8.9	8.5	8.5	8.2	7.8	8.6	7.7	7.7	
	<i>n</i>	397	340	319	329	268	359	345	253		336	268	254	278	234	284	311	286	
	<i>SD</i>	6.3	5.6	6.2	5.9	5.9	5.8	5.4	5.6		6.7	6.4	7.1	6.5	6.0	6.6	5.9	6.2	
	<i>SE</i>	.32	.30	.35	.33	.36	.31	.29	.35		.37	.39	.44	.39	.39	.39	.33	.37	
	<i>CI upper bound</i>	9.1	7.9	8.8	9.0	8.2	8.1	8.0	7.8		9.6	9.3	9.4	9.0	8.5	9.3	8.4	8.4	
	<i>CI lower bound</i>	7.9	6.7	7.4	7.7	6.8	6.9	6.9	6.4		8.2	7.7	7.7	7.4	7.0	7.8	7.1	7.0	

Notes: n = Number of respondents; SD = Standard deviation; SE = Standard error of the mean; upper and lower bounds represent the 95% confidence interval (mean +/- 1.96 * SE).

NSSE 2021 Multi-Year Report

Detailed Statistics: Engagement Indicators and Additional Items

Truman State University

		First-year students								Seniors									
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'13	'14	'15	'16	'17	'18	'19	'20	'21
<i>Academic Challenge (additional items, continued)</i>																			
Assigned Writing	<i>Mean</i>	42.6	39.8	38.7	36.8	39.3	34.6	44.7	43.4										
Estimated number of pages calculated from three survey questions.	<i>n</i>	394	343	330	358	289	377	356	261										
	<i>SD</i>	48.2	39.1	48.2	50.1	44.8	36.9	49.5	60.0										
	<i>SE</i>	2.43	2.11	2.65	2.65	2.64	1.90	2.62	3.71										
	<i>CI upper bound</i>	47.3	43.9	43.9	42.0	44.5	38.3	49.8	50.7										
	<i>CI lower bound</i>	37.8	35.7	33.5	31.6	34.2	30.9	39.5	36.1										
										70.7	80.4	75.1	76.3	73.0	81.9	87.1	87.1	79.8	
Course Challenge	<i>Mean</i>	5.6	5.6	5.6	5.6	5.5	5.3	5.4	5.3										
Extent to which courses challenged students to do best work (1="Not at all" to 7="Very much").	<i>n</i>	429	369	352	355	283	374	357	263										
	<i>SD</i>	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.2										
	<i>SE</i>	.05	.06	.06	.06	.07	.05	.06	.07										
	<i>CI upper bound</i>	5.7	5.7	5.7	5.7	5.6	5.4	5.6	5.4										
	<i>CI lower bound</i>	5.5	5.5	5.5	5.5	5.3	5.2	5.3	5.1										
										5.6	5.6	5.7	5.5	5.4	5.4	5.4	5.5	5.2	
Academic Emphasis	<i>Mean</i>	3.5	3.6	3.5	3.5	3.4	3.4	3.4	3.3										
Perceived institutional emphasis on spending significant time studying and on academic work (1 =	<i>n</i>	406	347	325	333	274	366	351	260										
	<i>SD</i>	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7										
	<i>SE</i>	.03	.03	.04	.03	.04	.03	.04	.05										
	<i>CI upper bound</i>	3.5	3.6	3.6	3.5	3.5	3.5	3.4	3.4										
	<i>CI lower bound</i>	3.4	3.5	3.4	3.4	3.4	3.4	3.3	3.3										
										3.5	3.6	3.6	3.5	3.6	3.6	3.6	3.6	3.6	
<i>Learning with Peers</i>																			
Collaborative Learning	<i>Mean</i>	34.0	35.3	35.2	34.3	32.7	33.7	35.0	28.5										
	<i>n</i>	500	405	413	441	328	446	414	320										
	<i>SD</i>	13.1	13.5	13.0	12.6	13.1	13.3	13.3	13.8										
	<i>SE</i>	.58	.67	.64	.60	.72	.63	.65	.77										
	<i>CI upper bound</i>	35.1	36.6	36.4	35.5	34.1	34.9	36.3	30.1										
	<i>CI lower bound</i>	32.8	34.0	33.9	33.2	31.3	32.5	33.7	27.0										
										35.5	36.4	37.9	35.3	36.7	37.2	36.1	32.4	32.4	
Discussions with Diverse Others	<i>Mean</i>	41.2	43.6	41.7	41.4	41.9	39.5	40.2	36.1										
	<i>n</i>	423	365	355	359	285	377	356	264										
	<i>SD</i>	14.4	14.4	14.4	13.5	12.6	14.5	14.1	14.5										
	<i>SE</i>	.70	.76	.76	.71	.75	.74	.75	.90										
	<i>CI upper bound</i>	42.6	45.0	43.2	42.8	43.3	41.0	41.7	37.9										
	<i>CI lower bound</i>	39.9	42.1	40.2	40.0	40.4	38.1	38.7	34.4										
										41.3	41.2	40.5	41.8	40.1	40.7	39.3	37.6	37.6	

Notes: n = Number of respondents; SD = Standard deviation; SE = Standard error of the mean; upper and lower bounds represent the 95% confidence interval (mean +/- 1.96 * SE).

NSSE 2021 Multi-Year Report

Detailed Statistics: Engagement Indicators and Additional Items

Truman State University

		First-year students								Seniors									
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'13	'14	'15	'16	'17	'18	'19	'20	'21
<i>Experiences with Faculty</i>																			
Student-Faculty Interaction	<i>Mean</i>	21.1	20.5	20.9	20.0	17.8	18.9	21.5	18.2	28.0	28.3	28.6	27.9	28.0	27.1	27.8	24.0		
	<i>n</i>	464	385	383	408	308	397	386	280	360	305	296	323	262	316	328	313		
	<i>SD</i>	13.1	13.3	13.4	13.3	11.4	12.7	13.2	13.1	15.3	15.3	15.1	14.7	14.6	15.1	14.3	14.2		
	<i>SE</i>	.61	.68	.69	.66	.65	.64	.67	.78	.81	.88	.88	.82	.90	.85	.79	.81		
	<i>CI upper bound</i>	22.3	21.9	22.3	21.3	19.1	20.1	22.8	19.8	29.6	30.0	30.3	29.5	29.7	28.8	29.3	25.5		
<i>CI lower bound</i>	19.9	19.2	19.6	18.7	16.5	17.6	20.2	16.7	26.4	26.6	26.9	26.3	26.2	25.4	26.2	22.4			
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Effective Teaching Practices	<i>Mean</i>	39.8	40.1	39.4	37.7	37.2	36.7	37.1	36.9	41.7	41.8	41.9	40.2	41.7	39.5	40.9	38.2		
	<i>n</i>	466	389	385	405	298	388	373	275	372	304	302	320	254	302	321	304		
	<i>SD</i>	12.4	12.6	12.0	11.5	12.2	12.8	12.1	12.9	12.1	12.2	11.8	11.5	12.0	12.1	12.5	12.9		
	<i>SE</i>	.58	.64	.61	.57	.71	.65	.63	.78	.63	.70	.68	.64	.75	.70	.70	.74		
	<i>CI upper bound</i>	41.0	41.3	40.6	38.8	38.6	38.0	38.4	38.4	43.0	43.1	43.3	41.5	43.1	40.9	42.3	39.6		
<i>CI lower bound</i>	38.7	38.8	38.2	36.6	35.8	35.4	35.9	35.3	40.5	40.4	40.6	38.9	40.2	38.2	39.5	36.7			
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<i>Campus Environment</i>																			
Quality of Interactions	<i>Mean</i>	44.6	44.6	44.6	42.8	40.8	41.2	42.3	39.7	44.6	43.7	44.4	42.4	40.9	41.2	41.9	40.3		
	<i>n</i>	415	355	342	341	268	362	338	255	338	283	270	287	237	288	310	282		
	<i>SD</i>	10.3	9.8	9.2	11.3	11.0	10.7	10.0	10.5	9.3	9.6	9.5	10.3	10.6	10.4	9.5	11.0		
	<i>SE</i>	.50	.52	.50	.61	.67	.56	.54	.66	.50	.57	.58	.61	.69	.62	.54	.65		
	<i>CI upper bound</i>	45.6	45.6	45.6	44.0	42.1	42.3	43.4	41.0	45.6	44.8	45.6	43.6	42.2	42.4	42.9	41.6		
<i>CI lower bound</i>	43.6	43.6	43.7	41.6	39.5	40.1	41.3	38.4	43.6	42.6	43.3	41.2	39.5	39.9	40.8	39.1			
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Supportive Environment	<i>Mean</i>	39.2	40.0	37.5	36.6	33.3	30.2	32.4	30.0	35.9	36.1	35.5	32.7	29.7	29.3	29.0	26.8		
	<i>n</i>	401	347	320	331	272	364	349	256	339	269	255	282	237	286	312	290		
	<i>SD</i>	12.5	12.1	12.4	11.5	12.6	11.4	12.4	13.0	11.6	13.0	12.1	11.6	12.5	11.8	12.1	13.0		
	<i>SE</i>	.62	.65	.69	.63	.77	.60	.66	.81	.63	.79	.76	.69	.81	.70	.69	.76		
	<i>CI upper bound</i>	40.5	41.3	38.9	37.8	34.8	31.4	33.7	31.6	37.1	37.7	37.0	34.1	31.3	30.6	30.4	28.3		
<i>CI lower bound</i>	38.0	38.8	36.2	35.4	31.8	29.1	31.1	28.4	34.6	34.5	34.0	31.4	28.1	27.9	27.7	25.3			

Notes: n = Number of respondents; SD = Standard deviation; SE = Standard error of the mean; upper and lower bounds represent the 95% confidence interval (mean +/- 1.96 * SE).

		First-year students								Seniors										
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'13	'14	'15	'16	'17	'18	'19	'20	'21	
Service-Learning^a	%		37	46	44	47	41	48	57	77		62	61	63	58	59	62	57	55	
	n		420	366	349	351	283	368	351	260		345	285	272	290	237	291	314	290	
	SE		2.4	2.6	2.7	2.7	2.9	2.6	2.6	2.6		2.6	2.9	2.9	2.9	3.2	2.9	2.8	2.9	
	CI upper bound (%)		42	51	50	52	47	53	63	82		67	67	68	64	65	67	63	61	
	CI lower bound (%)		33	41	39	42	35	42	52	72		57	55	57	52	53	56	52	49	
Learning Community^a	%		8	10	10	9	6	7	7	7		22	23	24	26	21	21	19	17	
	n		420	365	348	351	282	370	352	259		346	285	272	291	241	293	315	291	
	SE		1.4	1.6	1.6	1.5	1.4	1.3	1.3	1.6		2.2	2.5	2.6	2.6	2.6	2.4	2.2	2.2	
	CI upper bound (%)		11	13	13	12	9	9	9	10		26	28	29	31	26	26	24	21	
	CI lower bound (%)		6	7	7	6	3	4	4	4		18	18	19	21	16	16	15	12	
Research with Faculty^a	%		6	5	8	2	4	4	4	8		42	38	42	38	38	34	33	32	
	n		419	366	347	351	281	371	352	260		342	285	269	292	241	290	315	291	
	SE		1.1	1.2	1.5	0.8	1.1	1.0	1.1	1.6		2.7	2.9	3.0	2.8	3.1	2.8	2.7	2.7	
	CI upper bound (%)		8	8	11	4	6	5	6	11		48	44	48	44	44	40	38	37	
	CI lower bound (%)		3	3	5	1	1	2	2	4		37	33	36	33	32	29	28	27	
Internship or Field Experience^b	%		81	84	79	82	81	78	78	76		59	57	56	55	59	56	51	49	
	n		428	368	351	355	283	372	355	261		346	285	271	291	242	294	315	291	
	SE		1.9	1.9	2.2	2.0	2.3	2.2	2.2	2.7		2.6	2.9	3.0	2.9	3.2	2.9	2.8	2.9	
	(First-year results: Plan to do)	CI upper bound (%)		85	87	84	86	86	82	82	81		64	63	62	61	66	62	57	55
	CI lower bound (%)		78	80	75	79	77	73	74	70		54	52	51	50	53	51	46	43	
Study Abroad^b	%		45	45	44	47	37	41	38	35		23	26	28	25	22	26	24	12	
	n		424	364	350	352	282	369	355	261		344	286	271	291	239	291	315	291	
	(First-year results: Plan to do)	SE		2.4	2.6	2.7	2.7	2.9	2.6	2.6	2.9		2.3	2.6	2.7	2.5	2.7	2.6	2.4	1.9
	CI upper bound (%)		50	50	49	52	43	46	44	40		28	31	33	30	28	31	29	16	
	CI lower bound (%)		40	40	39	42	32	36	33	29		19	20	23	20	17	21	19	8	
Culminating Senior Experience^b	%		78	82	76	78	76	74	78	75		71	73	69	69	71	68	73	76	
	n		421	365	350	352	283	368	352	261		343	287	271	292	240	292	315	290	
	SE		2.0	2.0	2.3	2.2	2.5	2.3	2.2	2.7		2.5	2.6	2.8	2.7	2.9	2.7	2.5	2.5	
	(First-year results: Plan to do)	CI upper bound (%)		82	86	81	82	81	79	82	81		75	78	74	75	77	74	78	81
	CI lower bound (%)		74	78	72	73	71	70	73	70		66	67	63	64	65	63	68	71	
Overall HIP Participation^c																				
Participated in one HIP	%		34	43	39	50	41	47	53	68		14	13	16	15	16	16	19	21	
	n		430	368	350	355	283	372	355	261		346	287	272	292	242	294	315	291	
	SE		2.3	2.6	2.6	2.7	2.9	2.6	2.7	2.9		1.9	2.0	2.2	2.1	2.4	2.1	2.2	2.4	
	CI upper bound (%)		39	48	44	55	47	52	58	74		18	17	21	19	21	20	24	26	
	CI lower bound (%)		30	37	34	44	35	42	47	63		11	9	12	11	12	11	15	16	
Participated in two or more HIPs	%		8	9	11	4	5	5	7	11		81	81	78	79	80	78	77	74	
	n		430	368	350	355	283	372	355	261		346	287	272	292	242	294	315	291	
	SE		1.3	1.5	1.7	1.0	1.3	1.1	1.3	1.9		2.1	2.3	2.5	2.4	2.6	2.4	2.4	2.6	
	CI upper bound (%)		10	12	14	6	7	7	9	15		85	85	83	84	85	83	82	79	
	CI lower bound (%)		5	6	8	2	2	3	4	7		77	76	73	75	75	74	73	69	

Notes: n = Number of respondents; SE = Standard error of the proportion ($\sqrt{p(1-p)/(n-1)}$) where p is the proportion; upper and lower bounds represent the 95% confidence interval ($p \pm 1.96 * SE$).

a. Results are the percentage who had done the activity.

b. First-year results are the percentage who planned to do the activity; Senior results are the percentage who had done the activity.

c. First-year results are limited to participation in a Learning Community, Service-Learning, and Research with Faculty; senior results include all six HIPs.