



NSSE 2022

Respondent Profile

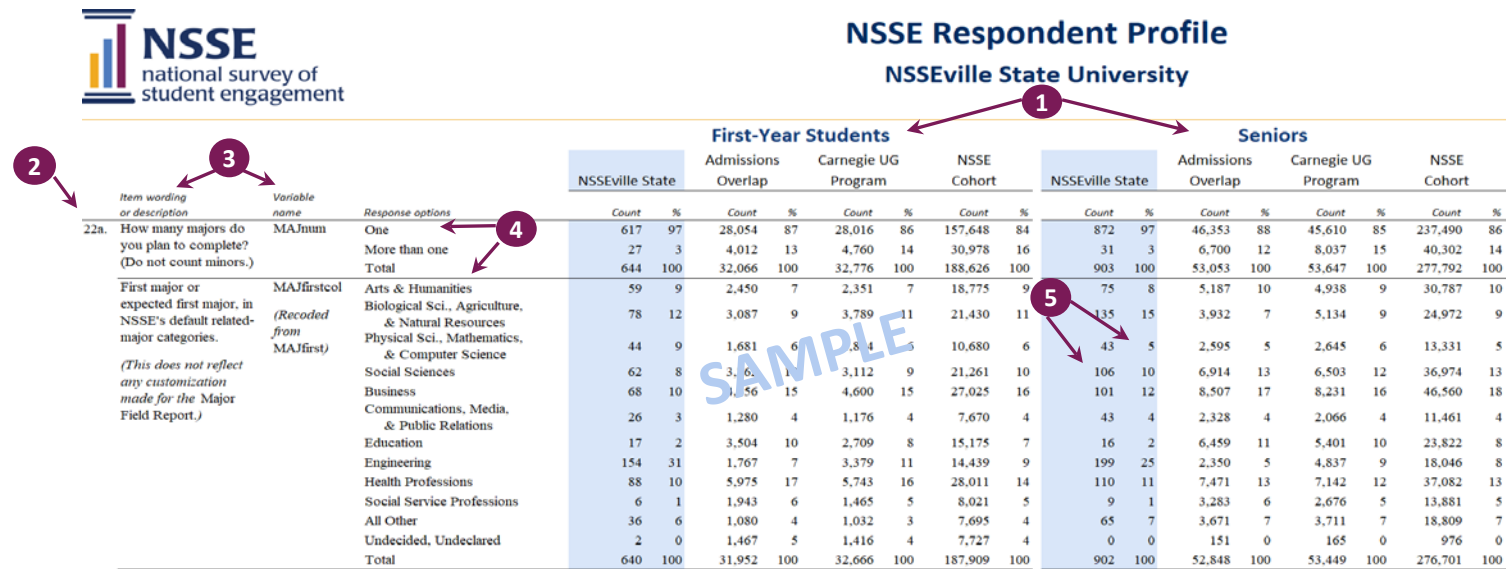
Truman State University

Please note: The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

NSSE 2022 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.



		NSSEville State University																
		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	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
22a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	617	97	28,054	87	28,016	86	157,648	84	872	97	46,353	88	45,610	85	237,490	86
		More than one	27	3	4,012	13	4,760	14	30,978	16	31	3	6,700	12	8,037	15	40,302	14
		Total	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	59	9	2,450	7	2,351	7	18,775	9	75	8	5,187	10	4,938	9	30,787	10
		Biological Sci., Agriculture, & Natural Resources	78	12	3,087	9	3,789	11	21,430	11	35	15	3,932	7	5,134	9	24,972	9
		Physical Sci., Mathematics, & Computer Science	44	9	1,681	6	3,845	5	10,680	6	43	5	2,595	5	2,645	6	13,331	5
		Social Sciences	62	8	3,661	11	3,112	9	21,261	10	106	10	6,914	13	6,503	12	36,974	13
		Business	68	10	1,561	15	4,600	15	27,025	16	101	12	8,507	17	8,231	16	46,560	18
		Communications, Media, & Public Relations	26	3	1,280	4	1,176	4	7,670	4	43	4	2,328	4	2,066	4	11,461	4
		Education	17	2	3,504	10	2,709	8	15,175	7	16	2	6,459	11	5,401	10	23,822	8
		Engineering	154	31	1,767	7	3,379	11	14,439	9	199	25	2,350	5	4,837	9	18,046	8
		Health Professions	88	10	5,975	17	5,743	16	28,011	14	110	11	7,471	13	7,142	12	37,082	13
		Social Service Professions	6	1	1,943	6	1,465	5	8,021	5	9	1	3,283	6	2,676	5	13,881	5
		All Other	36	6	1,080	4	1,032	3	7,695	4	65	7	3,671	7	3,711	7	18,809	7
		Undecided, Undeclared	2	0	1,467	5	1,416	4	7,727	4	0	0	151	0	165	0	976	0
Total		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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Truman State University

Item wording or description	Variable name	Response options	First-Year Students								Seniors							
			Truman		COPLAC		Nat'l Liberal Arts		NSSE 2021 & 2022		Truman		COPLAC		Nat'l Liberal Arts		NSSE 2021 & 2022	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
23a. How many majors do you plan to complete? (Do not count minors.)	MAJnum	One	171	88	1,435	86	5,367	80	123,390	88	200	83	1,767	87	5,332	81	148,131	87
		More than one	22	12	229	14	1,396	20	17,207	12	41	17	286	13	1,253	19	23,159	13
		Total	193	100	1,664	100	6,763	100	140,597	100	241	100	2,053	100	6,585	100	171,290	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	31	15	187	12	807	12	11,955	8	39	16	282	13	936	14	14,231	8
		Biological Sci., Agriculture, & Natural Resources	24	12	183	11	1,061	15	16,100	11	36	15	259	11	1,005	15	16,133	9
		Physical Sci., Mathematics, & Computer Science	18	10	117	9	571	9	8,623	7	16	7	153	8	575	9	9,492	6
		Social Sciences	36	19	253	15	1,284	18	16,391	11	29	12	334	15	1,426	20	20,511	12
		Business	26	14	206	13	810	13	21,137	16	44	19	280	14	782	13	27,322	17
		Communications, Media, & Public Relations	5	2	58	3	176	3	4,554	3	7	3	85	4	182	3	5,718	3
		Education	8	4	175	9	447	6	10,281	7	7	3	160	8	370	6	13,115	7
		Engineering	0	0	20	2	186	4	9,763	8	0	0	42	2	133	3	12,430	9
		Health Professions	34	17	245	14	624	9	22,495	15	58	24	272	14	627	9	28,316	16
		Social Service Professions	4	2	91	5	235	4	7,363	5	1	0	108	5	207	3	9,477	5
		All Other	3	2	38	3	192	3	6,382	5	2	1	75	4	272	5	12,039	8
		Undecided, Undeclared	5	2	51	3	250	3	3,147	2	0	0	3	0	8	0	283	0
		Total	194	100	1,624	100	6,643	100	138,191	100	239	100	2,053	100	6,523	100	169,067	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	9	40	51	22	352	25	2,876	17	14	35	56	19	362	29
Biological Sci., Agriculture, & Natural Resources	0			0	18	9	108	8	984	6	1	3	31	11	104	8	1,223	6
Physical Sci., Mathematics, & Computer Science	2			12	15	11	129	11	1,126	7	2	5	14	7	89	8	1,367	7
Social Sciences	4			20	44	19	288	21	2,919	18	5	11	63	23	284	24	3,818	17
Business	2			10	18	11	128	11	2,741	18	9	23	27	11	125	11	4,045	19
Communications, Media, & Public Relations	0			0	4	1	32	2	540	3	1	2	9	3	46	4	675	3
Education	1			4	29	9	86	6	1,156	7	6	14	31	10	63	5	1,719	8
Engineering	1			6	3	1	23	2	461	3	0	0	2	1	15	1	559	3
Health Professions	0			0	8	4	52	4	1,129	7	2	5	19	8	41	3	1,961	9
Social Service Professions	2			9	10	5	55	4	911	6	1	2	17	5	40	3	1,171	6
All Other	0			0	12	4	48	4	753	5	0	0	9	3	37	3	1,246	6
Undecided, Undeclared	0			0	6	3	35	3	386	3	0	0	0	0	1	0	228	1
Total	21			100	218	100	1,336	100	15,982	100	41	100	278	100	1,207	100	21,735	100
24. What is your class level?	class			Freshman/First-year	153	79	1,417	87	6,189	91	119,652	85	0	0	5	0	17	0
		Sophomore	34	18	185	12	349	6	13,963	11	1	0	13	1	32	1	1,836	1
		Junior	5	3	5	0	88	2	2,688	2	25	10	99	6	328	5	14,633	9
		Senior	0	0	3	0	14	0	428	0	206	87	1,874	91	6,081	93	148,147	86
		Unclassified	0	0	5	1	23	1	910	1	6	3	48	3	74	1	4,152	3
		Total	192	100	1,615	100	6,663	100	137,641	100	238	100	2,039	100	6,532	100	169,439	100

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Item wording or description	Variable name	Response options	First-Year Students								Seniors							
			Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
25. What types of courses have you taken at this institution this current school year?	coursetype	Mostly in-person courses	147	77	1,101	69	4,078	59	65,155	44	169	71	974	49	3,285	49	54,748	31
		Mostly remote courses (online, web-based, Zoom, etc.)	6	3	113	8	1,218	23	39,661	32	2	1	441	23	1,546	28	66,926	43
		Mostly hybrid or blended courses that combine in-person and remote instruction	7	3	183	11	717	10	15,061	11	21	9	218	10	750	11	18,706	11
		A balanced mix of the above course types	33	17	196	12	561	8	15,798	12	46	19	393	19	867	12	26,256	15
		Total	193	100	1,593	100	6,574	100	135,675	100	238	100	2,026	100	6,448	100	166,636	100
26. What have most of your grades been up to now at this institution?	grades	C- or lower	5	3	54	3	126	2	3,068	3	0	0	3	0	15	0	623	0
		C	5	2	49	3	154	3	2,987	2	2	1	27	1	46	1	1,789	1
		C+	8	4	80	5	232	4	4,960	4	9	4	61	3	119	2	4,259	3
		B-	5	3	99	6	323	5	6,618	5	8	3	80	4	277	4	6,920	4
		B	26	14	230	14	895	14	18,640	14	48	21	276	14	749	12	22,526	14
		B+	28	14	311	20	1,052	16	22,812	17	31	13	345	18	1,155	18	29,133	17
		A-	44	23	356	21	1,657	24	31,938	23	38	16	468	23	1,791	27	37,870	22
		A	72	37	425	26	2,184	32	45,945	33	103	42	771	37	2,361	36	65,710	38
Total	193	100	1,604	100	6,623	100	136,968	100	239	100	2,031	100	6,513	100	168,830	100		
27. Did you begin college at this institution or elsewhere?	begincol	Started here	175	91	1,474	92	6,164	92	122,032	89	193	81	1,075	51	4,944	73	88,701	50
		Started elsewhere	16	9	123	8	438	8	14,223	11	45	19	950	49	1,535	27	79,090	50
		Total	191	100	1,597	100	6,602	100	136,255	100	238	100	2,025	100	6,479	100	167,791	100
28. 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 attend_com attend_col attend_none attend_other	Vocational or technical school	4	2	50	3	138	2	4,984	4	2	1	147	8	233	4	12,319	8
		Community or junior college	16	8	126	9	482	8	14,363	11	45	19	833	43	1,348	24	72,322	46
		4-year college or university other than this one	14	7	132	8	495	8	12,338	10	33	14	501	25	1,278	21	43,802	27
		None	154	80	1,268	78	5,415	80	104,094	75	168	71	836	39	4,039	59	66,030	37
		Other	6	3	42	3	154	2	3,571	3	1	0	51	3	167	3	4,950	3
29. What is the highest level of education you ever expect to complete?	edaspire	Some college but less than a bachelor's degree	6	3	128	8	498	8	11,763	9	9	4	133	7	261	5	13,093	8
		Bachelor's degree (B.A., B.S., etc.)	52	27	730	47	2,187	36	54,223	41	61	27	730	37	1,972	32	62,308	38
		Master's degree (M.A., M.S., etc.)	85	44	502	30	2,252	33	44,005	32	98	41	809	39	2,473	38	62,012	36
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	49	26	233	14	1,645	23	26,083	18	68	29	362	17	1,785	25	31,027	18
		Total	192	100	1,593	100	6,582	100	136,074	100	236	100	2,034	100	6,491	100	168,440	100

NSSE 2022 Respondent Profile

Truman State University

			First-Year Students								Seniors							
Item wording or description	Variable name	Response options	Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
30. What is the highest level of education completed by either of your parents (or those who raised you)?	parented	Did not finish high school	1	0	96	6	276	5	8,141	6	4	2	117	6	270	5	11,984	7
		High school diploma or G.E.D.	21	11	320	20	905	15	24,451	18	24	10	416	21	846	14	32,308	19
		Attended college, but did not complete degree	16	8	165	10	555	9	12,660	9	16	6	228	11	503	8	16,575	10
		Associate's degree (A.A., A.S., etc.)	4	2	115	7	462	7	10,803	8	19	8	196	10	499	8	16,623	10
		Bachelor's degree (B.A., B.S., etc.)	62	31	448	29	1,828	27	39,065	29	80	34	568	29	1,901	30	47,083	28
		Master's degree (M.A., M.S., etc.)	68	36	367	24	1,785	26	30,129	22	57	24	369	17	1,695	25	31,624	19
		Doctoral or professional degree (Ph.D., J.D., M.D., etc.)	20	11	75	5	757	11	10,493	8	38	16	130	6	763	11	11,556	7
		Total	192	100	1,586	100	6,568	100	135,742	100	238	100	2,024	100	6,477	100	167,753	100
First-generation status (Neither parent holds a bachelor's degree.)	firstgen (Recoded from parented.)	Continuing generation	150	78	890	57	4,370	64	79,687	58	175	74	1,067	52	4,359	66	90,263	54
		First-generation	42	22	696	43	2,198	36	56,055	42	63	26	957	48	2,118	34	77,490	46
		Total	192	100	1,586	100	6,568	100	135,742	100	238	100	2,024	100	6,477	100	167,753	100
31. What is your gender identity?	genderid	Man	61	38	455	39	2,042	40	42,437	41	73	35	552	35	1,801	37	52,434	40
		Woman	113	53	1,025	54	4,190	55	88,778	56	154	61	1,354	59	4,365	58	110,070	57
		Another gender identity	14	7	68	4	216	3	2,510	2	7	3	71	3	195	3	2,644	2
		I prefer not to respond	4	2	46	3	150	2	2,442	2	3	1	52	3	134	2	2,965	2
		Total	192	100	1,594	100	6,598	100	136,167	100	237	100	2,029	100	6,495	100	168,113	100
32a. Are you an international student?	internat	No	178	92	1,530	96	6,134	94	129,861	95	225	94	1,957	96	6,130	95	161,512	96
		Yes	14	8	56	4	448	6	6,028	5	14	6	71	4	346	5	6,228	4
		Total	192	100	1,586	100	6,582	100	135,889	100	239	100	2,028	100	6,476	100	167,740	100
b. [If answered "yes"] Country of citizenship, collapsed into regions by NSSE. Responses to country22 are in the data file.	countrycol22 (Recoded from country22. Comparisons limited to NSSE 2022.)	Africa Sub-Saharan	5	40	12	28	25	15	303	10	1	8	6	12	15	13	304	10
		Asia	5	43	5	12	65	33	1,249	39	11	92	15	25	55	42	1,310	42
		Canada	0	0	0	0	9	4	168	4	0	0	4	5	9	7	131	3
		Europe	1	10	7	19	41	22	614	18	0	0	5	8	26	21	446	13
		Latin America and Caribbean	1	7	20	36	44	22	752	23	0	0	26	49	20	15	738	23
		Middle East and North Africa	0	0	2	6	4	2	109	4	0	0	0	0	1	1	179	6
		Oceania	0	0	0	0	3	2	62	2	0	0	0	0	0	0	74	2
		Unknown region/uncoded	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
		Total	12	100	46	100	191	100	3,257	100	12	100	56	100	127	100	3,183	100

NSSE 2022 Respondent Profile

Truman State University

			First-Year Students								Seniors								
Item wording or description	Variable name	Response options	Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
33. How would you describe yourself? (Select all that apply.)	re_amin	American Indian or Alaska Native	3	1	112	6	175	3	2,988	2	2	1	96	4	145	2	3,436	2	
	re_asian	Asian	14	7	107	6	614	9	13,841	10	22	9	133	7	516	8	15,561	10	
	re_black	Black or African American	6	3	188	12	831	14	16,268	13	10	4	216	11	904	10	18,052	11	
	re_latino	Hispanic or Latina/o	5	3	253	16	765	13	22,955	17	11	5	245	13	572	10	27,390	17	
	re_mena	Middle Eastern or N. African	1	1	26	2	56	1	2,026	2	0	0	17	1	52	1	2,250	1	
	re_pacific	Native Hawaiian/Other Pac. Islander	0	0	15	1	92	1	1,552	1	0	0	15	1	87	1	1,687	1	
	re_white	White	164	86	1,077	69	4,666	69	89,611	64	206	87	1,458	71	4,588	73	110,675	65	
	re_another	Another race or ethnicity	3	2	27	1	96	2	1,713	1	1	0	32	2	69	1	2,207	1	
	re_pnr	I prefer not to respond	4	2	35	3	144	2	3,249	3	4	2	58	3	184	3	5,593	4	
Racial or ethnic identification	re_all19	American Indian or Alaska Native	1	0	58	3	64	1	664	0	1	0	35	1	41	0	818	0	
	<i>(Items re_amin to re_pnr recoded where each student is represented only once)</i>		Asian	12	6	76	4	422	6	10,304	8	16	7	92	5	375	6	11,943	8
			Black or African American	6	3	132	9	626	11	12,351	10	6	2	168	9	725	8	14,523	9
			Hispanic or Latina/o	0	0	152	9	424	8	14,638	11	4	2	150	8	340	6	18,662	11
			Middle Eastern or N. African	0	0	10	1	24	0	1,105	1	0	0	9	0	25	0	1,279	1
			Native Hawaiian/Other Pac. Islander	0	0	4	0	35	0	428	0	0	0	5	0	45	1	574	0
			White	156	82	895	57	4,041	59	76,607	54	189	80	1,276	62	4,153	66	96,947	56
			Another race or ethnicity	3	2	8	0	29	0	670	1	0	0	17	1	30	0	1,040	1
			Multiracial	9	5	216	13	763	11	15,939	12	18	7	218	10	564	9	16,512	10
			I prefer not to respond	4	2	35	3	144	2	3,249	3	4	2	58	3	184	3	5,593	4
	Total	191	100	1,586	100	6,572	100	135,955	100	238	100	2,028	100	6,482	100	167,891	100		
34. Are you a member of a social fraternity or sorority?	greek	No	147	76	1,525	96	6,007	91	124,452	92	175	74	1,883	93	5,472	84	151,150	90	
		Yes	45	24	63	4	572	9	11,520	8	63	26	144	7	1,013	16	16,843	10	
		Total	192	100	1,588	100	6,579	100	135,972	100	238	100	2,027	100	6,485	100	167,993	100	
35. Which of the following best describes where you are living while attending college?	living18	Campus housing (other than a fraternity or sorority house)	162	85	1,007	61	5,013	71	77,708	54	40	17	533	25	2,813	43	23,916	12	
		Fraternity or sorority house	1	0	5	0	65	1	644	0	7	3	2	0	234	4	1,400	1	
		House, apartment, or other residence within walking distance to campus	20	10	54	4	201	3	7,785	6	150	62	245	13	946	13	32,478	19	
		House, apartment, or other residence farther than walk. dist. to campus	8	4	477	32	943	19	37,696	29	40	17	1,070	53	2,221	36	88,781	53	
		Not applicable: No campus, entirely online program, etc.	0	0	30	3	325	5	11,084	10	0	0	156	9	237	4	20,028	14	
		Not applicable: Homeless or in transition	1	0	2	0	13	0	446	0	1	0	12	1	21	0	683	0	
		Total	192	100	1,575	100	6,560	100	135,363	100	238	100	2,018	100	6,472	100	167,286	100	
36. Are you a student-athlete on a team sponsored by your institution's athletics department?	athlete	No	170	89	1,407	89	5,134	78	122,670	92	220	93	1,878	93	5,471	85	158,061	96	
		Yes	20	11	174	11	1,429	22	12,727	8	18	7	145	7	998	15	9,241	4	
		Total	190	100	1,581	100	6,563	100	135,397	100	238	100	2,023	100	6,469	100	167,302	100	

NSSE 2022 Respondent Profile

Truman State University

Item wording or description	Variable name	Response options	First-Year Students								Seniors									
			Truman		COPLAC		Nat'l Liberal Arts		NSSE 2021 & 2022		Truman		COPLAC		Nat'l Liberal Arts		NSSE 2021 & 2022			
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
37. Are you a current or former member of the U.S. Armed Forces, Reserves, or National Guard?	veteran	No	187	97	1,558	98	6,512	99	133,436	98	233	98	1,940	95	6,346	98	159,429	94		
		Yes	4	3	20	2	46	1	1,964	2	4	2	78	5	122	2	8,006	6		
		Total	191	100	1,578	100	6,558	100	135,400	100	237	100	2,018	100	6,468	100	167,435	100		
38a. Do you have a disability or condition that impacts your learning, working, or living activities?	disability21	No	127	67	1,128	71	4,853	74	107,195	79	187	79	1,484	74	4,830	75	132,830	79		
		Yes	50	26	381	25	1,403	21	22,423	16	43	18	449	21	1,346	20	27,606	16		
		I prefer not to respond	14	7	72	5	324	5	6,265	5	8	3	96	5	311	5	7,500	5		
		Total	191	100	1,581	100	6,580	100	135,883	100	238	100	2,029	100	6,487	100	167,936	100		
b. [If answered "yes"] Which of the following impacts your learning, working, or living activities? (Select all that apply.)	dis_vision dis_hearing dis_walking dis_nonwalking dis_speech dis_brain dis_anxiety dis_adhd dis_autism dis_depress dis_ptsd dis_othmental dis_chronic dis_learning dis_intellect dis_notlisted	Sensory disability																		
		Blind or low vision	2	4	18	4	45	3	922	4	3	7	14	3	37	2	870	3		
		Deaf or hard of hearing	3	6	17	5	49	4	804	4	1	2	22	5	42	3	1,275	5		
		Physical disability																		
		Mobility condition that affects walking	1	2	15	4	70	5	1,190	6	1	3	39	9	69	6	2,206	9		
		Mobility condition that does not affect walking	1	2	6	2	28	2	434	2	1	2	12	3	25	2	794	3		
		Speech or communication disorder	0	0	7	2	15	1	394	2	1	3	8	2	19	1	436	2		
		Traumatic or acquired brain injury (TBI)	0	0	5	1	25	2	340	2	1	2	19	4	34	3	882	4		
		Mental health or developmental disability																		
		Anxiety	37	75	263	67	994	68	15,433	67	33	76	298	65	955	69	18,417	65		
		Attention deficit or hyperactivity disorder (ADD or ADHD)	23	47	150	40	551	40	8,709	40	20	47	174	39	545	41	10,235	37		
		Autism spectrum	9	20	46	12	131	10	1,891	9	3	7	60	13	112	9	2,002	8		
		Depression	30	62	211	56	767	53	11,859	52	29	66	253	56	779	57	14,808	53		
		Post-Traumatic Stress Disorder (PTSD)	8	16	50	13	134	13	2,416	16	11	25	112	26	170	20	3,781	21		
		Another mental health or developmental disability (schizophrenia, eating disorder, etc.)	16	33	80	20	283	18	4,142	18	11	25	84	18	277	20	4,366	15		
Another disability or condition																				
Chronic medical condition (asthma, diabetes, Crohn's disease, etc.)	10	20	70	17	267	18	4,026	18	8	18	101	21	301	22	5,918	21				
Learning disability	3	6	49	14	222	17	3,474	16	5	11	77	17	238	19	3,813	14				
Intellectual disability	1	2	3	1	9	1	194	1	0	0	3	1	17	1	252	1				
Disability or condition not listed	5	10	27	7	82	6	1,643	8	2	4	33	7	82	6	2,128	8				

NSSE 2022 Respondent Profile

Truman State University

Item wording or description	Variable name	Response options	First-Year Students								Seniors								
			Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022		
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	
<i>(Comparison data are limited to NSSE 2022).</i>	disability_all22 <i>(Items dis_vision to dis_notlisted recoded where each student is represented only once.)</i>	Blind or low vision	0	0	0	0	5	0	99	0	1	0	0	0	3	0	94	0	
		Deaf or hard of hearing	0	0	8	1	10	0	157	0	1	0	6	0	7	0	203	0	
		Mobility condition that affects walking	0	0	0	0	4	0	114	0	0	0	5	0	6	0	171	0	
		Mobility condition that does not affect walking	0	0	0	0	0	0	27	0	0	0	2	0	0	0	45	0	
		Speech or communication disorder	0	0	1	0	2	0	18	0	1	0	0	0	0	0	17	0	
		Traumatic or acquired brain injury (TBI)	0	0	1	0	1	0	14	0	0	0	1	0	0	0	30	0	
		Anxiety	4	2	18	1	47	1	833	1	1	0	13	1	33	1	788	1	
		Attention deficit or hyperactivity disorder (ADD or ADHD)	3	1	20	2	54	2	990	1	2	1	21	1	45	1	1,057	1	
		Autism spectrum	0	0	9	1	8	0	156	0	0	0	7	0	11	0	181	0	
		Depression	0	0	5	0	11	0	146	0	0	0	4	0	13	0	213	0	
		Post-Traumatic Stress Disorder (PTSD)	0	0	1	0	1	0	34	0	0	0	2	0	3	0	89	0	
		Another mental health or developmental disability (schizophrenia, eating disorder, etc.)	1	0	0	0	1	0	64	0	1	0	3	0	3	0	116	0	
		Chronic medical condition (asthma, diabetes, Crohn's disease, etc.)	2	1	10	1	37	1	500	1	0	0	15	1	27	1	624	1	
		Learning disability	0	0	6	1	18	1	505	1	1	0	9	0	27	1	541	1	
		Intellectual disability	0	0	1	0	0	0	4	0	0	0	1	0	0	0	9	0	
		Disability or condition not listed	0	0	6	0	7	0	204	0	0	0	4	0	6	0	261	0	
		Multiple disabilities or conditions	39	21	246	18	707	17	11,268	13	35	14	320	16	626	17	13,525	13	
		No disability or condition	127	67	996	71	2,696	72	66,205	78	187	79	1,344	74	2,723	74	81,207	78	
		Prefer not to respond	14	7	61	4	200	5	3,949	5	8	3	79	4	172	5	4,570	5	
		Total	190	100	1,389	100	3,809	100	85,287	100	238	100	1,836	100	3,705	100	103,741	100	
39.	Which of the following best describes your sexual orientation?	sexorient17	Straight (heterosexual)	126	67	1,074	69	4,543	72	102,468	76	161	68	1,405	72	4,568	72	130,819	79
		Bisexual		27	13	204	11	806	11	13,464	9	32	13	233	10	758	11	13,775	8
		Gay		2	1	20	2	87	2	1,704	2	11	5	36	2	115	2	2,606	2
		Lesbian		5	2	42	2	145	2	2,336	2	5	2	55	2	144	2	2,508	1
		Queer		13	7	68	4	240	3	2,638	2	8	3	76	3	248	3	3,055	2
		Questioning or unsure		7	4	46	3	199	3	3,227	2	6	2	42	2	126	2	2,187	1
		Another sexual orientation		4	2	52	3	188	3	2,531	2	7	3	52	2	146	2	2,630	2
		I prefer not to respond		8	4	83	5	349	5	7,202	5	7	3	127	6	366	6	9,925	6
	Total	192	100	1,589	100	6,557	100	135,570	100	237	100	2,026	100	6,471	100	167,505	100		

NSSE 2022 Respondent Profile

Truman State University

			First-Year Students								Seniors							
Item wording or description	Variable name	Response options	Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
			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	169	59	1,501	59	5,858	56	122,992	57	197	61	1,776	62	5,558	60	140,477	58
		Male	86	41	667	41	2,962	44	59,652	43	107	39	719	38	2,411	40	68,539	42
		Another	0	0	3	0	2	0	41	0	0	0	1	0	0	0	17	0
		Unknown	0	0	2	0	6	0	446	0	0	0	3	0	2	0	754	0
		Total	255	100	2,173	100	8,828	100	183,131	100	304	100	2,499	100	7,971	100	209,787	100
Institution-reported: Race or ethnicity	IRrace	American Indian or Alaska Native	1	0	91	4	111	1	851	1	0	0	57	2	73	1	1,027	1
		Asian	6	2	93	4	364	4	10,577	6	4	1	89	4	279	4	11,471	6
		Black or African American	6	2	177	9	908	12	15,893	10	4	1	170	8	863	8	17,433	9
		Hispanic or Latino	8	3	273	14	920	12	27,266	17	12	4	242	12	700	10	30,473	16
		Native Hawaiian/Other Pac. Islander	0	0	1	0	4	0	436	0	0	0	3	0	11	0	549	0
		White	211	83	1,166	59	5,263	59	94,679	54	252	83	1,404	62	5,054	68	111,766	56
		Other	0	0	0	0	0	0	21	0	0	0	0	0	0	0	31	0
		Foreign or nonresident	16	7	27	2	328	4	5,536	3	18	6	57	4	206	3	6,049	3
		Two or more races/ethnicities	4	1	97	4	361	4	7,212	4	12	4	122	5	279	4	7,005	4
		Unknown	3	1	78	3	275	3	5,467	4	2	1	89	4	199	3	7,624	5
Total	255	100	2,003	100	8,534	100	167,938	100	304	100	2,233	100	7,664	100	193,428	100		
Institution-reported: Class level	IRclass	First-year	255	100	2,173	100	8,828	100	183,131	100	0	0	0	0	0	0	0	0
		Senior	0	0	0	0	0	0	0	0	304	100	2,499	100	7,971	100	209,787	100
		Total	255	100	2,173	100	8,828	100	183,131	100	304	100	2,499	100	7,971	100	209,787	100
Institution-reported: First-time first-year (FTFY) student	IRftfy	Not first-time first-year	34	14	275	16	790	12	27,497	17	304	100	2,498	100	7,831	98	206,792	99
		First-time first-year	221	86	1,898	84	8,038	88	155,633	83	0	0	1	0	140	2	2,993	1
		Total	255	100	2,173	100	8,828	100	183,130	100	304	100	2,499	100	7,971	100	209,785	100
Institution-reported: Enrollment status	IRenrollment	Not full-time	2	1	49	5	206	6	9,939	8	8	3	415	21	695	11	36,587	20
		Full-time	253	99	2,124	95	8,622	94	173,192	92	296	97	2,084	79	7,276	89	173,200	80
		Total	255	100	2,173	100	8,828	100	183,131	100	304	100	2,499	100	7,971	100	209,787	100
Institution-reported: Age category	IRagecol	19 or younger	227	88	1,915	87	8,028	88	159,209	85	1	0	9	0	36	0	1,992	1
		20-23	27	11	197	9	555	8	12,633	8	289	95	1,672	63	6,464	77	132,737	60
		24-29	1	0	32	1	115	2	3,465	2	10	4	381	16	689	10	33,162	17
		30-39	0	0	18	1	78	2	4,159	3	4	1	230	10	440	7	22,030	12
		40-55	0	0	11	1	44	1	3,140	2	0	0	175	8	274	4	17,004	9
		Over 55	0	0	0	0	6	0	446	0	0	0	32	2	68	1	2,844	2
		Total	255	100	2,173	100	8,826	100	183,052	100	304	100	2,499	100	7,971	100	209,769	100



NSSE 2022

Frequencies and Statistical Comparisons

Truman State University

Please note: The layout of this file is optimized for printing and PDF creation, not on-screen viewing. When the Excel version is viewed on screen, some cells appear to contain truncated text or misplaced line breaks. This is due to differences in Excel between on-screen display and what appears in print or PDF.

NSSE 2022 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

		Seniors										Frequency Distributions ^a					Statistical Comparisons ^b							
												NSSEville State		Admissions Overlap		Carnegie UG Program		NSSE Cohort		Your seniors compared with				
Item wording or description	Variable name ^c	Values ^d	Response options	Count	%	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Mean	Mean	Mean	Mean	Mean	effect size ^e	effect size ^e	effect size ^e	
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	3	0	244	2	54	2	6,952	3			3.3	3.0 ***	.27	3.0 ***	.35	2.9 ***	.43				
		2	Sometimes	135	20	4,397	27	845	29	75,222	33													
		3	Often	412	33	5,947	37	1,086	38	81,724	35													
		4	Very often	280	46	5,440	34	889	31	66,983	29													
			Total	630	100	16,028	100	2,874	100	230,881	100													
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	82	13	2,369	14	401	14	35,490	16			2.5	2.5	-.04	2.6 *	-.09	2.6	-.05				
		2	Sometimes	267	42	5,959	37	978	34	79,495	34													
		3	Often	164	26	4,548	29	858	31	67,348	29													
		4	Very often	113	19	3,072	20	611	1	7,208	21													
			Total	626	100	19,948	100	1,811	100	229,541	100													
c. Evaluated what others have concluded from numerical information	QRrevaluate	1	Never	25	4	778	5	134	5	12,543	6			3.1	3.1	.02	3.1	-.04	3.0	.06				
		2	Sometimes	56	9	1,666	11	262	10	28,134	13													
		3	Often	384	63	9,147	57	1,586	57	128,802	56													
		4	Very often	150	24	4,267	27	851	29	58,873	26													
			Total	615	100	15,858	100	2,833	100	228,352	100													

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. You may not see all of these symbols in your report.

NSSE 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
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	6	3	75	4	141	2	6,501	4	2.9	2.8	.07	3.0	-.08	2.8 *	.13
		2	Sometimes	86	33	807	36	2,672	31	67,651	38							
		3	Often	94	38	722	34	3,258	37	64,174	35							
		4	Very often	68	27	553	26	2,705	30	43,527	24							
		Total		254	100	2,157	100	8,776	100	181,853	100							
b. Asked another student to help you understand course material	CLaskhelp	1	Never	18	7	306	15	1,038	15	28,026	17	2.7	2.4 ***	.32	2.4 ***	.29	2.4 ***	.30
		2	Sometimes	105	41	965	45	3,832	43	74,645	41							
		3	Often	73	29	597	27	2,600	29	50,893	27							
		4	Very often	56	23	273	13	1,243	13	27,204	14							
		Total		252	100	2,141	100	8,713	100	180,768	100							
c. Explained course material to one or more students	CLexplain	1	Never	20	8	251	12	730	11	21,979	14	2.6	2.5 **	.19	2.5 *	.15	2.4 **	.21
		2	Sometimes	93	36	920	43	3,807	43	76,437	42							
		3	Often	102	40	678	32	2,911	32	56,835	30							
		4	Very often	38	15	286	13	1,257	14	25,300	14							
		Total		253	100	2,135	100	8,705	100	180,551	100							
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	51	21	516	25	1,777	23	43,991	26	2.4	2.2 *	.13	2.3	.06	2.2 *	.13
		2	Sometimes	94	37	833	39	3,319	38	66,175	37							
		3	Often	69	28	506	23	2,347	26	45,195	24							
		4	Very often	37	15	273	13	1,210	13	24,162	13							
		Total		251	100	2,128	100	8,653	100	179,523	100							
e. Worked with other students on course projects or assignments	CLproject	1	Never	6	3	222	11	659	10	24,523	15	2.7	2.5 ***	.29	2.6 ***	.22	2.4 ***	.34
		2	Sometimes	100	39	896	42	3,425	39	71,014	40							
		3	Often	98	39	703	33	3,140	35	56,987	31							
		4	Very often	48	19	304	14	1,382	15	26,150	14							
		Total		252	100	2,125	100	8,606	100	178,674	100							
f. Given a course presentation	present	1	Never	27	11	444	22	1,194	16	43,609	26	2.3	2.2	.09	2.3	-.03	2.1 ***	.19
		2	Sometimes	138	55	967	45	4,227	48	80,244	44							
		3	Often	73	29	510	24	2,251	26	38,708	21							
		4	Very often	13	5	196	9	919	11	15,759	8							
		Total		251	100	2,117	100	8,591	100	178,320	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 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022		
				Count	%	Count	%	Count	%	Count	%	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	13	5	209	11	677	9	17,566	11	2.7	2.6 *	.13	2.6	.09	2.5 **	.16	
			2	Sometimes	95	38	774	37	3,208	38	68,245								39
			3	Often	103	41	767	36	3,189	37	63,860								36
			4	Very often	39	16	336	16	1,386	16	26,089								15
			Total	250	100	2,086	100	8,460	100	175,760	100								
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	18	7	190	11	565	8	17,013	11	2.6	2.6	-.05	2.7 *	-.15	2.6	.01	
			2	Sometimes	100	40	716	34	2,665	32	64,141								37
			3	Often	94	39	737	36	3,303	39	62,756								35
			4	Very often	35	14	427	20	1,867	21	30,309								17
			Total	247	100	2,070	100	8,400	100	174,219	100								
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	23	10	174	10	505	8	17,245	11	2.6	2.7	-.11	2.8 **	-.19	2.6	-.01	
			2	Sometimes	88	35	647	32	2,544	31	60,624								35
			3	Often	98	40	755	35	3,279	38	61,331								34
			4	Very often	38	15	476	22	1,989	23	33,463								19
			Total	247	100	2,052	100	8,317	100	172,663	100								
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	15	6	101	5	334	5	8,434	5	2.8	2.8	-.04	2.8	-.07	2.8	-.04	
			2	Sometimes	74	30	620	30	2,387	30	52,595								31
			3	Often	110	46	908	44	3,894	46	76,568								44
			4	Very often	41	17	398	20	1,602	20	32,968								20
			Total	240	100	2,027	100	8,217	100	170,565	100								
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	8	4	65	4	184	3	5,113	4	2.9	2.9	-.07	2.9	-.07	2.9	-.05	
			2	Sometimes	66	27	484	25	1,958	25	42,722								26
			3	Often	110	47	903	44	3,952	48	78,142								46
			4	Very often	52	22	545	27	1,996	24	41,837								25
			Total	236	100	1,997	100	8,090	100	167,814	100								
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	13	5	82	5	237	3	5,595	4	2.8	2.8	-.02	2.9	-.07	2.8	-.04	
			2	Sometimes	71	31	560	30	2,261	29	49,300								30
			3	Often	99	42	895	44	3,620	45	73,221								44
			4	Very often	51	22	426	22	1,858	22	37,051								22
			Total	234	100	1,963	100	7,976	100	165,167	100								

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NSSE 2022 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 2021 & 2022		Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022			
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	2	50	3	103	2	2,666	2	3.1	3.0	.12	3.1	.04	3.0	.08
		2	Sometimes	39	16	409	22	1,447	20	33,658	21							
		3	Often	120	52	929	47	3,883	49	79,954	48							
		4	Very often	69	30	548	28	2,452	30	46,877	29							
		Total		232	100	1,936	100	7,885	100	163,155	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	45	20	408	22	1,589	21	34,767	23	2.3	2.3	-.01	2.3	-.02	2.2	.01
		2	Sometimes	112	48	830	42	3,433	43	70,093	43							
		3	Often	46	19	456	23	1,865	23	37,430	22							
		4	Very often	30	13	249	13	990	13	20,679	12							
		Total		233	100	1,943	100	7,877	100	162,969	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	90	39	943	49	3,525	46	82,162	52	1.9	1.8	.07	1.8	.05	1.7 *	.14
		2	Sometimes	99	42	576	30	2,646	33	48,039	29							
		3	Often	30	14	267	13	1,145	14	21,394	13							
		4	Very often	13	6	143	8	528	7	10,527	6							
		Total		232	100	1,929	100	7,844	100	162,122	100							
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	70	31	664	35	2,080	29	58,465	38	2.0	2.0	-.03	2.1	-.12	1.9	.04
		2	Sometimes	108	47	768	39	3,449	43	62,472	38							
		3	Often	38	16	314	16	1,610	20	27,645	17							
		4	Very often	14	6	162	9	634	8	11,853	7							
		Total		230	100	1,908	100	7,773	100	160,435	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	72	32	421	22	1,582	21	42,277	27	2.0	2.2 **	-.21	2.2 ***	-.22	2.1	-.10
		2	Sometimes	100	43	888	46	3,687	47	71,436	44							
		3	Often	40	17	427	23	1,819	23	32,986	20							
		4	Very often	17	7	172	9	671	9	13,732	8							
		Total		229	100	1,908	100	7,759	100	160,431	100							
4. During the current school year, how much has your coursework emphasized the following?																		
a. Memorizing course material	memorize	1	Very little	6	3	98	6	409	5	7,568	5	2.9	2.8	.12	2.8 *	.15	2.9	.06
		2	Some	58	25	554	29	2,372	31	43,528	28							
		3	Quite a bit	112	49	840	44	3,376	44	69,700	44							
		4	Very much	50	22	410	21	1,536	20	38,506	24							
		Total		226	100	1,902	100	7,693	100	159,302	100							

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NSSE 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022		
				Count	%	Count	%	Count	%	Count	%	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	10	5	91	6	243	4	6,455	4	2.9	2.8	.07	2.9	-.05	2.9	.00	
		2	Some	59	26	529	27	1,905	25	41,658	27								
		3	Quite a bit	103	45	880	46	3,622	47	72,561	45								
		4	Very much	52	24	382	21	1,875	24	37,659	23								
		Total		224	100	1,882	100	7,645	100	158,333	100								
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	9	4	95	6	228	3	6,403	4	2.9	2.8	.09	2.9	-.04	2.9	.04	
		2	Some	55	25	535	28	1,858	25	42,199	27								
		3	Quite a bit	106	48	795	42	3,486	46	69,669	44								
		4	Very much	53	23	436	23	1,994	26	38,179	24								
		Total		223	100	1,861	100	7,566	100	156,450	100								
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	12	5	80	5	213	3	6,149	4	2.8	2.9	-.13	3.0 ***	-.24	2.9 *	-.15	
		2	Some	72	31	449	25	1,785	24	40,487	26								
		3	Quite a bit	97	44	867	46	3,538	47	70,649	45								
		4	Very much	42	19	446	23	1,991	26	38,360	24								
		Total		223	100	1,842	100	7,527	100	155,645	100								
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	7	3	82	5	230	4	5,805	4	2.8	2.9	-.07	2.9 *	-.18	2.9	-.11	
		2	Some	71	31	475	26	1,773	24	40,069	26								
		3	Quite a bit	102	47	847	45	3,576	47	71,303	46								
		4	Very much	39	18	433	23	1,903	25	37,629	24								
		Total		219	100	1,837	100	7,482	100	154,806	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	6	3	60	4	164	3	4,159	3	3.0	3.0	-.07	3.1	-.12	3.0	-.08	
		2	Some	58	26	390	21	1,412	20	32,778	22								
		3	Quite a bit	96	44	825	45	3,613	47	69,753	45								
		4	Very much	60	28	553	31	2,247	31	47,227	31								
		Total		220	100	1,828	100	7,436	100	153,917	100								
b. Taught course sessions in an organized way	ETorganize	1	Very little	8	4	98	6	232	4	7,552	5	3.0	2.9	.04	3.0	-.05	2.9	.02	
		2	Some	46	21	425	23	1,555	22	34,945	23								
		3	Quite a bit	113	51	794	43	3,398	44	66,964	43								
		4	Very much	53	25	508	28	2,226	30	43,950	29								
		Total		220	100	1,825	100	7,411	100	153,411	100								

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NSSE 2022 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

Frequency Distributions^a

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Item wording or description	Variable name ^c	Values ^d	Response options	Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022		Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022			
				Count	%	Count	%	Count	%	Count	%	Mean	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	5	2	86	5	262	4	6,492	5	3.0	3.0	.02	3.0	-.02	3.0	.03
		2	Some	58	26	420	22	1,640	23	36,101	24							
		3	Quite a bit	93	43	765	42	3,171	42	64,344	42							
		4	Very much	64	29	551	31	2,339	32	46,194	30							
		Total		220	100	1,822	100	7,412	100	153,131	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	18	8	146	8	444	6	12,010	8	2.7	2.9 **	-.22	2.9 ***	-.27	2.8 *	-.17
		2	Some	79	36	459	25	1,938	26	43,483	29							
		3	Quite a bit	86	39	710	39	2,854	38	55,975	36							
		4	Very much	37	17	506	27	2,155	29	41,380	27							
		Total		220	100	1,821	100	7,391	100	152,848	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	15	7	159	9	474	7	14,257	10	2.7	2.8	-.11	2.8 **	-.18	2.7	-.06
		2	Some	78	35	527	28	2,173	29	48,474	32							
		3	Quite a bit	93	44	710	39	2,944	39	55,468	36							
		4	Very much	31	15	418	23	1,770	25	33,942	22							
		Total		217	100	1,814	100	7,361	100	152,141	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	7	3	93	6	233	4	6,167	4	2.9	2.9	-.02	3.0	-.10	3.0	-.06
		2	Some	54	24	421	22	1,704	23	36,021	24							
		3	Quite a bit	109	51	783	44	3,224	43	64,671	42							
		4	Very much	47	22	503	28	2,160	30	44,477	30							
		Total		217	100	1,800	100	7,321	100	151,336	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	7	3	72	5	203	3	5,241	4	2.9	2.9	-.09	3.0 *	-.16	3.0	-.12
		2	Some	61	28	426	23	1,660	23	36,134	24							
		3	Quite a bit	105	48	825	46	3,428	46	68,087	45							
		4	Very much	44	20	469	26	2,009	28	41,427	27							
		Total		217	100	1,792	100	7,300	100	150,889	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	20	10	187	11	565	8	14,640	10	2.6	2.6	-.02	2.7	-.12	2.6	-.06
		2	Some	84	38	655	37	2,586	35	53,767	36							
		3	Quite a bit	83	39	664	36	2,864	39	55,749	36							
		4	Very much	29	13	282	16	1,268	18	26,408	18							
		Total		216	100	1,788	100	7,283	100	150,564	100							

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NSSE 2022 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 2021 & 2022		Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022			
				Count	%	Count	%	Count	%	Count	%	Mean	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	4	2	66	4	155	2	4,643	3	3.0	3.1	-.05	3.1	-.11	3.1	-.06
		2	Some	48	22	336	18	1,304	18	28,821	19							
		3	Quite a bit	98	47	817	45	3,308	45	65,945	43							
		4	Very much	64	29	566	33	2,487	34	50,865	34							
		Total		214	100	1,785	100	7,254	100	150,274	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	14	6	198	12	798	11	15,130	10	2.6	2.6	.03	2.6	.06	2.6	.02
		2	Sometimes	88	40	641	36	2,777	38	55,843	37							
		3	Often	84	41	645	37	2,515	36	53,767	37							
		4	Very often	26	13	278	16	1,053	15	23,230	16							
		Total		212	100	1,762	100	7,143	100	147,970	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	28	13	311	19	1,228	17	26,259	18	2.4	2.4	.04	2.4	.05	2.4	.04
		2	Sometimes	94	44	688	38	2,922	41	58,884	40							
		3	Often	68	33	512	29	2,147	30	43,564	30							
		4	Very often	22	11	244	14	822	12	18,558	13							
		Total		212	100	1,755	100	7,119	100	147,265	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	30	13	298	18	1,178	17	25,913	18	2.5	2.3 *	.15	2.3	.13	2.3	.13
		2	Sometimes	87	41	736	42	3,056	43	61,082	41							
		3	Often	66	32	514	30	2,109	30	43,596	30							
		4	Very often	28	14	189	11	719	11	15,944	11							
		Total		211	100	1,737	100	7,062	100	146,535	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	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	12	6	93	6	224	4	10,062	7	6.2	6.8	-.11	7.4 **	-.20	6.4	-.04
		1.5	1-2	52	25	304	18	1,131	16	29,637	20							
		4	3-5	61	30	549	31	2,221	32	46,684	32							
		8	6-10	52	25	450	26	1,803	25	32,145	22							
		13	11-15	12	6	172	9	844	11	14,436	10							
		18	16-20	8	4	83	5	384	5	6,005	4							
		23	More than 20	11	5	90	5	459	6	7,370	5							
Total		208	100	1,741	100	7,066	100	146,339	100									

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				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	
b. Between 6 and 10 pages	wrmednum	0	None	62	30	613	37	1,980	29	56,521	40	2.0	2.3	-10	2.6 ***	-18	2.3	-08	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	93	44	628	36	2,792	39	49,970	33								
		4	3-5	41	20	303	17	1,479	20	23,942	16								
		8	6-10	10	5	130	7	538	8	10,115	7								
		13	11-15	1	0	39	2	163	2	3,168	2								
		18	16-20	0	0	5	0	40	1	884	1								
		23	More than 20	1	0	15	1	46	1	1,176	1								
	Total			208	100	1,733	100	7,038	100	145,776	100								
c. 11 pages or more	wrlongnum	0	None	171	82	1,272	73	5,234	73	112,683	77	.6	1.1 **	-16	1.0 **	-14	1.1 **	-15	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	25	12	305	17	1,230	18	19,946	13								
		4	3-5	6	3	73	4	270	4	5,572	4								
		8	6-10	1	0	39	2	143	2	3,492	3								
		13	11-15	3	1	28	2	91	1	2,476	2								
		18	16-20	1	0	8	0	21	0	622	0								
		23	More than 20	0	0	12	1	48	1	1,088	1								
	Total			207	100	1,737	100	7,037	100	145,879	100								
Estimated number of assigned pages of student writing.	wrpages										42.8	55.7 ***	-17	58.0 ***	-21	53.4 **	-13		
	(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)																		
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	8	4	98	6	297	5	9,068	7	2.9	3.0	-08	3.0	-10	2.9	-04	
		2	Sometimes	67	31	430	25	1,874	27	39,198	27								
		3	Often	75	36	583	34	2,274	32	47,197	32								
		4	Very often	59	29	627	35	2,601	36	50,459	34								
		Total			209	100	1,738	100	7,046	100	145,922								100
b. People from an economic background other than your own	DDeconomic	1	Never	2	1	99	7	282	5	8,898	7	3.1	2.9 **	.18	3.0	.13	2.9 ***	.20	
		2	Sometimes	50	24	446	26	1,739	25	38,413	27								
		3	Often	83	40	629	36	2,598	36	53,051	36								
		4	Very often	72	35	563	32	2,405	33	45,250	31								
		Total			207	100	1,737	100	7,024	100	145,612								100

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NSSE 2022 Frequencies and Statistical Comparisons

Truman State University

First-Year Students

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				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	8	4	158	10	507	8	13,082	9	3.1	2.9 **	.22	2.9 **	.21	2.8 ***	.26
		2	Sometimes	50	24	468	27	2,009	29	42,281	29							
		3	Often	71	35	555	32	2,311	32	47,062	32							
		4	Very often	78	38	551	32	2,206	31	43,147	30							
		Total		207	100	1,732	100	7,033	100	145,572	100							
d. People with political views other than your own	DDpolitical	1	Never	14	6	188	11	634	9	13,244	10	2.9	2.7 *	.15	2.8	.12	2.8	.12
		2	Sometimes	60	28	545	31	2,313	32	45,987	31							
		3	Often	76	37	525	30	2,112	30	45,818	31							
		4	Very often	58	29	474	27	1,966	28	40,498	28							
		Total		208	100	1,732	100	7,025	100	145,547	100							
e. People with a sexual orientation other than your own	ddsexorient	1	Never	8	4	111	9	225	6	9,110	11	3.0	2.9	.05	3.0	-.01	2.8 **	.20
		2	Sometimes	56	28	390	26	1,038	26	27,140	30							
		3	Often	74	35	478	30	1,275	30	27,901	30							
		4	Very often	70	33	536	35	1,547	37	27,668	29							
		Total		208	100	1,515	100	4,085	100	91,819	100							
f. People from a country other than your own	ddcountry	1	Never	9	4	216	15	391	10	12,248	14	2.7	2.5 **	.18	2.6	.05	2.5 *	.14
		2	Sometimes	94	45	611	40	1,642	40	36,520	40							
		3	Often	63	30	383	25	1,085	26	22,812	24							
		4	Very often	42	21	307	20	968	24	20,344	22							
		Total		208	100	1,517	100	4,086	100	91,924	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	5	3	46	3	106	2	3,538	3	2.9	3.0	-.08	3.1 **	-.22	3.0	-.07
		2	Sometimes	55	27	395	24	1,355	20	35,002	25							
		3	Often	102	49	813	47	3,315	47	67,340	46							
		4	Very often	46	22	460	26	2,206	31	38,803	26							
		Total		208	100	1,714	100	6,982	100	144,683	100							
b. Reviewed your notes after class	LSnotes	1	Never	14	7	90	6	351	5	7,061	5	2.8	2.8	-.06	2.8	-.06	2.9	-.12
		2	Sometimes	62	30	513	31	2,245	32	41,593	29							
		3	Often	82	39	628	36	2,454	35	53,038	36							
		4	Very often	49	24	482	27	1,924	27	42,909	29							
		Total		207	100	1,713	100	6,974	100	144,601	100							

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NSSE 2022 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 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
c. Summarized what you learned in class or from course materials	LSummary	1	Never	11	5	97	6	371	6	7,444	5	2.7	2.8	-.07	2.8	-.08	2.8	-.10	
		2	Sometimes	76	37	527	31	2,225	31	43,322	30								
		3	Often	75	36	671	39	2,740	39	57,547	39								
		4	Very often	44	22	418	24	1,642	24	36,224	25								
		Total		206	100	1,713	100	6,978	100	144,537	100								
10. During the current school year, to what extent have your courses challenged you to do your best work?																			
challenge		1	Not at all	1	1	14	1	48	1	1,226	1	5.4	5.3	.09	5.4	-.02	5.4	.02	
		2		0	0	22	2	69	1	1,889	1								
		3		9	5	78	5	289	4	6,951	5								
		4		28	14	241	13	798	12	18,448	13								
		5		72	34	632	37	2,399	34	48,058	33								
		6		58	29	407	23	1,907	27	35,565	24								
		7	Very much	37	18	312	19	1,431	21	31,551	22								
Total		205	100	1,706	100	6,941	100	143,688	100										
11. Which of the following have you done while in college 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		42	20	350	22	1,078	17	22,889	17	5%	7%	-.10	7%	-.09	7%	-.07	
		Do not plan to do		15	8	109	6	337	5	9,042	7								
		Plan to do		137	68	1,114	64	5,016	71	101,962	69								
		Done or in progress		10	5	122	7	498	7	9,489	7								
		Total		204	100	1,695	100	6,929	100	143,382	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		52	25	564	35	2,091	31	43,808	31	24%	10% ***	.39	11% ***	.35	9% ***	.42	
		Do not plan to do		38	19	447	27	1,451	22	36,728	27								
		Plan to do		66	32	503	29	2,583	36	49,465	33								
		Done or in progress		48	24	173	10	795	11	13,011	9								
		Total		204	100	1,687	100	6,920	100	143,012	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		93	46	703	43	2,868	42	52,294	37	4%	8% *	-.18	8% *	-.19	10% **	-.25	
		Do not plan to do		64	31	426	26	1,577	23	35,994	26								
		Plan to do		38	19	420	24	1,873	27	40,161	28								
		Done or in progress		7	4	135	8	569	8	14,059	10								
		Total		202	100	1,684	100	6,887	100	142,508	100								

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NSSE 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%		Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	61	31	618	37	2,011	30	43,987	31	3%	2%	.05	2%	.04	2%	.03
			Do not plan to do	85	42	523	31	1,561	24	46,150	34							
			Plan to do	51	25	515	30	3,198	43	49,457	33							
			Done or in progress	5	3	30	2	135	2	2,947	2							
			Total	202	100	1,686	100	6,905	100	142,541	100							
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	66	32	765	45	2,752	41	56,775	40	8%	4% *	.16	5% *	.14	5% *	.15
			Do not plan to do	46	22	354	21	1,122	17	33,837	24							
			Plan to do	74	37	491	29	2,689	38	45,434	31							
			Done or in progress	17	8	74	4	340	5	6,496	5							
			Total	203	100	1,684	100	6,903	100	142,542	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	35	18	664	40	2,075	32	50,337	36	2%	2%	.01	1%	.05	2%	.00
			Do not plan to do	10	5	149	9	440	7	15,757	12							
			Plan to do	154	75	833	49	4,292	60	73,612	50							
			Done or in progress	4	2	33	2	85	1	2,726	2							
			Total	203	100	1,679	100	6,892	100	142,432	100							
12. About how many of your courses at this institution have included a community-based project (service-learning)?																		
	servcourse		1 None	43	21	834	51	3,569	52	71,759	52	1.8	1.6 ***	.43	1.6 ***	.41	1.6 ***	.36
			2 Some	150	73	696	41	2,777	40	57,007	39							
			3 Most	9	5	124	7	423	6	10,326	7							
			4 All	1	0	17	1	85	1	2,459	2							
			Total	203	100	1,671	100	6,854	100	141,551	100							
13. Indicate the quality of your interactions with the following people at your institution.																		
a. Students	QIstudent		1 Poor	2	1	44	3	136	2	3,201	2	5.4	5.2 **	.16	5.3	.07	5.3	.09
			2	2	1	56	3	172	3	3,735	3							
			3	9	4	94	5	331	5	7,859	6							
			4	20	10	236	14	826	12	17,680	12							
			5	65	31	453	27	1,897	27	36,909	26							
			6	74	37	445	26	1,922	27	36,672	25							
			7 Excellent	30	15	317	19	1,466	22	31,580	22							
			— Not applicable	0	0	28	2	101	2	4,068	3							
			Total	202	100	1,673	100	6,851	100	141,704	100							

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NSSE 2022 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		Nat'l Liberal Arts		NSSE 2021 & 2022		Truman	COPLAC	Nat'l Liberal Arts		NSSE 2021 & 2022		
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Academic advisors	QIadvisor	1	Poor	10	5	57	4	181	3	4,057	3	4.4	5.3 *** ▼	-.54	5.4 *** ▼	-.60	5.4 *** ▼	-.60
		2		21	10	59	4	251	4	5,304	4							
		3		21	10	99	6	427	6	9,407	7							
		4		47	22	252	14	834	12	17,397	12							
		5		52	26	312	18	1,434	20	27,650	19							
		6		29	15	377	22	1,605	23	30,730	22							
		7	Excellent	20	10	477	29	2,019	30	44,120	31							
		—	Not applicable	2	1	38	3	95	2	2,889	2							
	Total	202	100	1,671	100	6,846	100	141,554	100									
c. Faculty	QIfaculty	1	Poor	0	0	31	2	81	2	2,481	2	5.3	5.3	.04	5.5	-.10	5.3	.00
		2		5	3	42	3	132	2	3,555	3							
		3		4	2	85	5	264	4	7,635	5							
		4		42	20	225	13	756	11	18,262	13							
		5		49	25	456	27	1,770	25	36,036	25							
		6		70	34	501	30	2,183	31	38,758	27							
		7	Excellent	32	16	304	19	1,582	24	32,158	23							
		—	Not applicable	0	0	22	2	76	1	2,602	2							
	Total	202	100	1,666	100	6,844	100	141,487	100									
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	7	3	49	3	203	3	5,058	4	4.9	5.0	-.08	5.1	-.13	5.1	-.13
		2		8	4	66	5	276	4	5,405	4							
		3		21	10	125	7	465	7	9,200	6							
		4		33	17	239	14	949	13	18,194	13							
		5		49	24	340	19	1,545	21	28,326	19							
		6		50	25	332	20	1,531	22	28,456	20							
		7	Excellent	24	12	303	17	1,339	20	28,744	20							
		—	Not applicable	10	5	215	15	531	10	18,067	14							
	Total	202	100	1,669	100	6,839	100	141,450	100									

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NSSE 2022 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 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	5	3	47	3	212	3	4,814	4	4.7	5.1 ***	-0.28	5.1 ***	-0.25	5.1 ***	-0.26	
		2		14	7	61	4	301	5	5,750	4								
		3		23	11	129	8	505	7	9,911	7								
		4		43	21	252	15	970	14	19,533	14								
		5		39	19	359	21	1,537	22	29,862	21								
		6		44	23	339	19	1,545	22	29,208	20								
		7	Excellent	20	10	372	22	1,366	21	30,220	21								
		—	Not applicable	14	7	111	8	402	7	12,244	9								
Total				202	100	1,670	100	6,838	100	141,542	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	3	1	37	3	118	2	2,593	2	3.2	3.0 ***	▲	.33	3.1 **	.20	3.1 ***	.24
		2	Some	26	14	368	22	1,222	19	27,870	21								
		3	Quite a bit	89	45	837	50	3,308	48	67,022	47								
		4	Very much	83	40	424	26	2,167	31	43,522	30								
		Total				201	100	1,666	100	6,815	100								
b. Providing support to help students succeed academically	SEacademic	1	Very little	7	3	86	6	271	5	6,840	5	2.8	2.9	-0.14	3.0 **	-0.23	2.9 *	-0.15	
		2	Some	64	32	390	24	1,498	22	33,948	25								
		3	Quite a bit	94	48	743	44	2,979	43	60,360	42								
		4	Very much	35	17	443	27	2,059	30	39,543	28								
		Total				200	100	1,662	100	6,807	100								140,691
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	15	7	117	7	390	6	10,243	8	2.8	3.0 ***	-0.26	3.0 ***	-0.29	3.0 **	-0.20	
		2	Some	59	29	290	18	1,274	19	29,018	21								
		3	Quite a bit	82	42	672	41	2,663	39	53,887	38								
		4	Very much	44	22	579	34	2,471	36	47,359	33								
		Total				200	100	1,658	100	6,798	100								140,507
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	19	9	167	11	712	11	16,870	13	2.6	2.7 *	-0.16	2.7	-0.14	2.7	-0.09	
		2	Some	80	40	460	28	2,007	30	41,748	30								
		3	Quite a bit	65	33	628	37	2,460	36	49,219	35								
		4	Very much	36	18	405	24	1,605	23	32,516	23								
		Total				200	100	1,660	100	6,784	100								140,353

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NSSE 2022 Frequencies and Statistical Comparisons

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Item wording or description	Variable name ^c	Values ^d	Response options	Frequency Distributions ^a								Statistical Comparisons ^b						
				Truman		COPLAC		Nat'l Liberal Arts		NSSE 2021 & 2022		Truman	COPLAC		Nat'l Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Providing opportunities to be involved socially	SEsocial	1	Very little	10	5	136	8	481	8	12,337	10	2.9	2.8	.07	2.8	.07	2.8	.12
		2	Some	48	24	405	25	1,748	26	37,155	27							
		3	Quite a bit	91	47	648	40	2,775	40	54,584	38							
		4	Very much	48	25	465	26	1,772	26	36,090	25							
		Total		197	100	1,654	100	6,776	100	140,166	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	25	12	157	10	588	9	12,999	10	2.6	2.7 *	-.17	2.8 **	-.21	2.8 **	-.21
		2	Some	69	34	459	29	1,963	29	39,042	28							
		3	Quite a bit	75	38	659	39	2,651	39	53,116	37							
		4	Very much	31	15	378	22	1,571	23	34,903	25							
		Total		200	100	1,653	100	6,773	100	140,060	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	69	33	449	28	1,798	26	35,902	26	2.0	2.2 *	-.18	2.2 **	-.22	2.2 ***	-.24
		2	Some	81	41	608	37	2,630	38	51,765	37							
		3	Quite a bit	35	18	417	24	1,647	25	34,851	25							
		4	Very much	15	8	177	11	680	11	17,331	13							
		Total		200	100	1,651	100	6,755	100	139,849	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	10	5	174	11	851	14	21,200	17	2.7	2.7	-.02	2.6	.08	2.6 *	.11
		2	Some	69	34	445	28	1,970	29	38,724	28							
		3	Quite a bit	88	45	628	37	2,498	36	49,247	34							
		4	Very much	33	16	410	24	1,445	21	30,627	21							
		Total		200	100	1,657	100	6,764	100	139,798	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	40	20	272	18	918	15	28,240	21	2.3	2.5 ***	-.24	2.5 ***	-.29	2.4	-.09
		2	Some	87	44	510	32	2,241	33	49,416	35							
		3	Quite a bit	52	26	573	33	2,413	34	41,702	29							
		4	Very much	21	10	294	17	1,174	18	20,422	14							
		Total		200	100	1,649	100	6,746	100	139,780	100							

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				Count	%	Count	%	Count	%	Count	%	Mean	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	4	2	57	4	179	3	3,210	2	3.2	3.2	.02	3.2	-.01	3.2	-.06	
			2	Disagree	20	10	154	9	645	10	11,883								9
			3	Agree	116	58	915	54	3,723	55	77,846								55
			4	Strongly agree	59	30	522	32	2,196	33	46,819								34
			Total		199	100	1,648	100	6,743	100	139,758								100
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	12	7	70	5	265	4	5,577	4	2.8	2.9 *	-.19	3.0 ***	-.26	3.0 **	-.23	
			2	Disagree	43	20	302	18	1,142	16	23,999								18
			3	Agree	123	62	944	57	3,816	57	79,124								56
			4	Strongly agree	22	11	330	20	1,510	23	30,849								22
			Total		200	100	1,646	100	6,733	100	139,549								100
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	8	4	86	6	310	5	6,213	5	2.9	2.9	.01	3.0	-.09	2.9	-.05	
			2	Disagree	43	21	337	20	1,213	18	26,500								19
			3	Agree	112	56	880	53	3,590	53	74,885								53
			4	Strongly agree	37	19	341	21	1,628	24	32,116								23
			Total		200	100	1,644	100	6,741	100	139,714								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>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	0	0	16	1	16	0	558	0	16.5	13.6 ***	.36	15.4	.13	15.2 *	.15	
			3	1-5 hrs	12	6	252	16	650	10	15,226								11
			8	6-10 hrs	42	21	391	24	1,339	21	28,805								21
			13	11-15 hrs	37	19	360	22	1,537	23	30,988								22
			18	16-20 hrs	45	23	304	18	1,363	19	28,333								20
			23	21-25 hrs	34	17	157	9	927	14	17,295								12
			28	26-30 hrs	17	8	75	5	459	6	8,961								6
			33	More than 30 hrs	11	5	87	5	425	6	9,074								7
Total		198	100	1,642	100	6,716	100	139,240	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 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				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.)	tmccurrhrs	0	0 hrs	30	15	661	41	1,913	32	55,954	42	7.2	4.9 *** ▲	.33	6.3	.12	4.9 *** ▲	.34
	(Recorded version of tmccurr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	71	36	513	30	2,216	30	41,067	28							
	8	6-10 hrs	49	25	197	12	1,061	15	18,247	13								
	13	11-15 hrs	22	11	121	7	689	10	10,980	8								
	18	16-20 hrs	14	7	69	4	434	7	6,556	5								
	23	21-25 hrs	7	4	38	2	207	3	3,213	2								
	28	26-30 hrs	2	1	17	1	79	1	1,267	1								
	33	More than 30 hrs	1	1	27	2	111	2	1,722	1								
	Total			196	100	1,643	100	6,710	100	139,006	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	158	81	1,368	83	4,877	75	113,580	83	1.8	1.8	.00	2.3	-1.0	2.1	-0.06
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	10	5	67	4	604	8	5,035	3							
	8	6-10 hrs	13	7	97	5	730	10	7,719	5								
	13	11-15 hrs	7	3	57	3	298	4	6,057	4								
	18	16-20 hrs	7	4	27	2	144	2	4,223	3								
	23	21-25 hrs	0	0	13	1	36	1	1,468	1								
	28	26-30 hrs	0	0	3	0	9	0	420	0								
	33	More than 30 hrs	0	0	10	1	19	0	655	1								
	Total			195	100	1,642	100	6,717	100	139,157	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	163	84	996	60	4,897	70	85,278	61	2.1	6.7 *** ▼	-0.46	5.0 *** ▼	-0.30	7.2 *** ▼	-0.46
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	5	2	97	5	338	5	7,196	5							
	8	6-10 hrs	8	4	117	8	376	6	8,213	6								
	13	11-15 hrs	7	4	103	6	286	4	8,500	6								
	18	16-20 hrs	8	4	122	7	284	5	9,501	7								
	23	21-25 hrs	3	2	81	5	190	3	7,219	5								
	28	26-30 hrs	1	1	59	3	127	2	4,520	3								
	33	More than 30 hrs	0	0	73	5	227	5	8,758	7								
	Total			195	100	1,648	100	6,725	100	139,185	100							
Estimated number of hours working for pay	tmworkhrs										3.9	8.4 *** ▼	-0.41	7.2 *** ▼	-0.32	9.2 *** ▼	-0.44	
	(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 2022 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 2021 & 2022		Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022			
				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	113	58	1,135	71	4,527	67	91,030	66	1.8	1.8	-.02	1.8	-.02	2.1	-.07
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	70	36	348	20	1,653	24	33,998	24							
	8	6-10 hrs	7	4	81	5	296	5	6,996	5								
	13	11-15 hrs	1	1	39	3	129	2	3,394	3								
	18	16-20 hrs	3	2	12	1	62	1	1,850	1								
	23	21-25 hrs	0	0	11	1	21	0	935	1								
	28	26-30 hrs	0	0	1	0	9	0	289	0								
	33	More than 30 hrs	0	0	10	1	19	0	599	0								
	Total				194	100	1,637	100	6,716	100	139,091							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	4	2	32	2	112	2	3,163	3	13.1	12.5	.07	12.3	.10	12.3	.10
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	31	15	343	21	1,343	20	29,629	21							
	8	6-10 hrs	51	26	480	28	1,840	27	38,072	27								
	13	11-15 hrs	43	22	311	19	1,467	21	28,991	21								
	18	16-20 hrs	34	18	229	13	982	15	18,678	14								
	23	21-25 hrs	17	9	92	6	419	6	8,526	6								
	28	26-30 hrs	3	2	45	3	180	3	3,919	3								
	33	More than 30 hrs	11	6	111	8	371	6	8,148	6								
	Total				194	100	1,643	100	6,714	100	139,126							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	177	91	1,246	76	5,469	79	101,818	72	.8	2.5 ***	-.27	2.3 ***	-.24	3.5 ***	-0.33
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	11	5	190	11	562	9	15,163	11							
	8	6-10 hrs	2	1	88	5	243	4	6,939	5								
	13	11-15 hrs	0	0	41	3	154	3	4,641	3								
	18	16-20 hrs	2	1	22	1	103	2	2,702	2								
	23	21-25 hrs	1	1	11	1	46	1	1,545	1								
	28	26-30 hrs	0	0	6	0	25	0	811	1								
	33	More than 30 hrs	1	1	36	3	102	2	5,256	4								
	Total				194	100	1,640	100	6,704	100	138,875							

*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 2022 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 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				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 (Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	0	0 hrs	91	46	756	44	4,429	64	66,158	47	2.2	3.9 ***	-0.27	2.3	-0.02	3.4 ***	-0.22	
		3	1-5 hrs	89	46	562	36	1,607	25	47,687	34								
		8	6-10 hrs	9	5	159	9	343	5	13,597	10								
		13	11-15 hrs	3	2	85	6	138	2	5,575	4								
		18	16-20 hrs	2	1	23	1	95	2	2,726	2								
		23	21-25 hrs	0	0	25	1	40	1	1,384	1								
		28	26-30 hrs	0	0	4	0	17	0	567	0								
		33	More than 30 hrs	0	0	24	2	46	1	1,450	1								
			Total	194	100	1,638	100	6,715	100	139,144	100								
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	32	17	157	10	422	7	17,546	14	2.6	2.8 **	-0.22	3.0 ***	-0.39	2.7	-0.10	
		2	Some	70	38	544	34	1,907	30	49,075	36								
		3	About half	48	24	478	28	2,070	31	39,358	28								
		4	Most	32	16	338	21	1,648	24	23,866	17								
		5	Almost all	11	6	116	7	654	9	8,896	6								
			Total	193	100	1,633	100	6,701	100	138,741	100								
tmreadinghrscol		(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)																	
tmreadinghrscol																			
(Collapsed version of tmreadinghrs created by NSSE.)	tmreadinghrscol	1	0 hrs	0	0	16	1	16	0	548	0	6.8	6.4	.07	7.9 *	-0.17	6.7	.03	
		2	More than zero, up to 5 hrs	97	52	805	51	2,590	41	68,940	51								
		3	More than 5, up to 10 hrs	51	26	507	31	2,196	32	40,315	29								
		4	More than 10, up to 15 hrs	19	9	144	8	914	13	14,206	10								
		5	More than 15, up to 20 hrs	17	9	76	4	515	7	7,434	5								
		6	More than 20, up to 25 hrs	8	4	51	3	315	5	4,694	3								
		7	More than 25 hrs	1	0	26	2	124	2	2,021	1								
			Total	193	100	1,625	100	6,670	100	138,158	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 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				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	20	10	91	6	361	6	9,129	7	2.6	2.8 *** ▼	-0.31	2.9 *** ▼	-0.36	2.8 ***	-0.29
		2	Some	81	41	455	27	1,785	26	38,103	28							
		3	Quite a bit	61	33	719	44	3,028	45	59,904	42							
		4	Very much	32	16	370	22	1,520	23	31,566	23							
			Total	194	100	1,635	100	6,694	100	138,702	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	24	12	168	12	696	10	15,392	12	2.5	2.6	-0.14	2.7 **	-0.20	2.7 *	-0.18
		2	Some	80	41	578	34	2,240	32	43,163	31							
		3	Quite a bit	63	33	572	36	2,501	38	51,989	37							
		4	Very much	27	14	314	19	1,258	20	28,006	20							
			Total	194	100	1,632	100	6,695	100	138,550	100							
c. Thinking critically and analytically	pgthink	1	Very little	6	3	61	4	207	3	4,399	4	3.0	3.0	.00	3.1	-0.09	3.1	-0.06
		2	Some	45	24	331	20	1,227	19	26,734	20							
		3	Quite a bit	83	42	760	47	3,008	45	62,357	44							
		4	Very much	59	31	481	29	2,245	33	45,049	32							
			Total	193	100	1,633	100	6,687	100	138,539	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	31	16	206	13	1,015	14	16,887	12	2.6	2.6	-0.04	2.6	-0.01	2.7	-0.12
		2	Some	64	33	548	33	2,229	33	42,670	30							
		3	Quite a bit	58	31	557	34	2,208	34	49,704	36							
		4	Very much	39	21	322	19	1,234	19	29,262	22							
			Total	192	100	1,633	100	6,686	100	138,523	100							
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	33	17	265	17	1,042	16	19,801	15	2.4	2.5	-0.11	2.5 *	-0.15	2.6 **	-0.22
		2	Some	82	43	595	36	2,423	35	45,114	32							
		3	Quite a bit	54	28	501	31	2,157	33	46,646	33							
		4	Very much	24	12	274	16	1,066	16	26,978	20							
			Total	193	100	1,635	100	6,688	100	138,539	100							
f. Working effectively with others	pgothers	1	Very little	15	8	139	10	527	8	11,811	9	2.7	2.7	.04	2.7	-0.03	2.7	-0.03
		2	Some	56	29	529	33	2,014	30	40,180	29							
		3	Quite a bit	90	47	641	38	2,713	40	54,563	39							
		4	Very much	32	16	327	20	1,441	21	31,994	23							
			Total	193	100	1,636	100	6,695	100	138,548	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 2022 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 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	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	26	14	189	13	676	10	15,396	12	2.5	2.6	-.14	2.7 **	-.22	2.7 *	-.16	
		2	Some	71	37	492	30	1,928	29	40,713	30								
		3	Quite a bit	65	34	630	38	2,600	39	52,229	37								
		4	Very much	30	16	322	19	1,490	22	30,086	21								
		Total		192	100	1,633	100	6,694	100	138,424	100								
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	15	8	124	9	486	8	12,448	10	2.7	2.8 *	-.17	2.9 **	-.20	2.8	-.11	
		2	Some	65	33	422	26	1,714	26	37,901	28								
		3	Quite a bit	79	41	631	37	2,661	40	52,369	37								
		4	Very much	34	18	457	28	1,828	27	35,782	26								
		Total		193	100	1,634	100	6,689	100	138,500	100								
i. Solving complex real-world problems	pgprobolve	1	Very little	22	11	191	13	724	12	15,639	12	2.6	2.6	-.01	2.6	-.07	2.6	-.07	
		2	Some	75	39	554	34	2,217	33	45,754	33								
		3	Quite a bit	61	32	584	35	2,471	36	49,396	35								
		4	Very much	34	18	305	18	1,279	19	27,754	20								
		Total		192	100	1,634	100	6,691	100	138,543	100								
j. Being an informed and active citizen	pgcitizen	1	Very little	28	15	192	14	653	10	16,434	13	2.5	2.6	-.11	2.7 **	-.21	2.6	-.13	
		2	Some	74	38	518	31	2,087	31	44,892	32								
		3	Quite a bit	53	28	586	34	2,476	37	48,689	34								
		4	Very much	36	19	341	20	1,478	22	28,683	21								
		Total		191	100	1,637	100	6,694	100	138,698	100								
19. How would you evaluate your entire educational experience at this institution?																			
	evalexp	1	Poor	7	4	38	3	156	3	3,433	3	3.0	3.0	-.01	3.1	-.13	3.1	-.11	
		2	Fair	35	18	307	19	1,046	16	23,018	17								
		3	Good	100	53	929	56	3,452	51	71,304	51								
		4	Excellent	47	25	370	23	2,058	30	41,148	29								
		Total		189	100	1,644	100	6,712	100	138,903	100								
20. If you could start over again, would you go to the same institution you are now attending?																			
	sameinst	1	Definitely no	10	6	83	6	299	5	4,888	4	2.9	3.0	-.14	3.1 **	-.23	3.2 ***	-.31	
		2	Probably no	36	19	266	16	989	14	18,736	13								
		3	Probably yes	103	54	816	49	3,109	46	63,955	46								
		4	Definitely yes	43	22	480	30	2,328	35	51,698	37								
		Total		192	100	1,645	100	6,725	100	139,277	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 2022 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 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	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	7	4	60	4	304	5	5,565	4	90%	87%	.09	86%	.13	88%	.07	
(Means indicate the percentage who responded "Yes.")		Yes	174	90	1,449	87	5,825	86	122,805	88									
		Not sure	11	6	142	9	614	9	11,093	8									
		Total	192	100	1,651	100	6,743	100	139,463	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	14	8	81	6	328	5	7,756	6	2.9	3.0 **	-.21	3.0 **	-.22	3.0 **	-.19	
		2	Some	51	25	323	21	1,355	20	28,975	21								
		3	Quite a bit	79	41	628	37	2,668	39	53,804	38								
		4	Very much	49	26	614	36	2,389	36	49,085	35								
		Total		193	100	1,646	100	6,740	100	139,620	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 2022 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 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				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	7	2	57	3	113	2	6,349	4	3.1	3.1	-.07	3.2 **	-.16	3.0	.07	
		2	Sometimes	73	24	581	23	1,552	20	55,997	28								
		3	Often	110	37	794	32	2,656	33	67,294	32								
		4	Very often	111	37	1,053	42	3,601	44	78,936	37								
		Total		301	100	2,485	100	7,922	100	208,576	100								
b. Asked another student to help you understand course material	CLaskhelp	1	Never	32	11	426	19	978	14	39,031	21	2.6	2.3 ***	.26	2.4 **	.18	2.3 ***	.24	
		2	Sometimes	125	42	1,085	43	3,526	45	84,594	41								
		3	Often	81	27	618	24	2,154	27	50,264	23								
		4	Very often	63	21	352	14	1,215	14	33,535	15								
		Total		301	100	2,481	100	7,873	100	207,424	100								
c. Explained course material to one or more students	CLexplain	1	Never	13	4	226	11	482	7	25,426	14	2.8	2.6 *	.15	2.7	.05	2.5 ***	.24	
		2	Sometimes	117	39	936	37	2,807	36	77,405	38								
		3	Often	100	34	788	31	2,816	35	64,194	30								
		4	Very often	70	23	522	21	1,770	22	40,248	19								
		Total		300	100	2,472	100	7,875	100	207,273	100								
d. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	50	17	655	28	1,533	21	54,740	29	2.5	2.3 ***	.27	2.4 *	.14	2.2 ***	.27	
		2	Sometimes	100	33	863	34	2,787	35	70,086	34								
		3	Often	91	30	567	23	2,146	27	47,896	22								
		4	Very often	60	20	372	15	1,378	17	33,515	16								
		Total		301	100	2,457	100	7,844	100	206,237	100								
e. Worked with other students on course projects or assignments	CLproject	1	Never	7	3	223	10	449	7	23,836	13	3.0	2.7 ***	.27	2.8 ***	.19	2.7 ***	.29	
		2	Sometimes	81	28	803	32	2,416	31	62,862	31								
		3	Often	119	40	827	33	2,928	37	66,605	32								
		4	Very often	89	30	593	25	2,012	25	52,254	25								
		Total		296	100	2,446	100	7,805	100	205,557	100								
f. Given a course presentation	present	1	Never	21	7	239	10	468	7	31,575	17	2.6	2.6	-.03	2.8 ***	-.21	2.5 **	.13	
		2	Sometimes	125	42	889	37	2,424	32	74,463	37								
		3	Often	101	33	783	31	2,761	35	58,769	28								
		4	Very often	52	18	530	22	2,148	26	40,363	19								
		Total		299	100	2,441	100	7,801	100	205,170	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 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	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	7	2	105	5	259	4	10,393	6	2.9	2.9	-.01	3.0	-.04	2.9	.07
		2	Sometimes	80	27	620	26	1,975	26	56,120	28							
		3	Often	132	45	950	39	3,058	40	80,089	39							
		4	Very often	77	26	747	30	2,449	30	56,770	27							
		Total		296	100	2,422	100	7,741	100	203,372	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	18	7	135	6	302	5	14,830	8	2.8	2.9	-.10	3.0 **	-.19	2.8	.01
		2	Sometimes	89	31	681	29	1,952	27	60,507	31							
		3	Often	116	40	845	35	2,826	37	72,183	35							
		4	Very often	70	23	752	30	2,630	32	54,778	26							
		Total		293	100	2,413	100	7,710	100	202,298	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	31	11	208	9	433	7	23,737	14	2.7	2.8	-.11	2.9 **	-.20	2.6	.04
		2	Sometimes	93	33	715	31	2,141	29	63,549	32							
		3	Often	99	34	762	31	2,743	35	64,165	31							
		4	Very often	69	23	710	29	2,353	29	49,631	24							
		Total		292	100	2,395	100	7,670	100	201,082	100							
d. Examined the strengths and weaknesses of your own views on a topic or issue	Rlownview	1	Never	9	3	112	5	254	4	9,848	5	2.8	2.9	-.11	2.9 **	-.15	2.9	-.08
		2	Sometimes	100	35	654	28	1,961	27	55,012	28							
		3	Often	121	42	981	41	3,364	44	85,085	42							
		4	Very often	59	20	636	27	2,030	26	49,605	25							
		Total		289	100	2,383	100	7,609	100	199,550	100							
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	1	Never	6	2	67	3	156	2	6,567	4	2.9	3.0	-.11	3.0 *	-.14	3.0	-.06
		2	Sometimes	72	26	517	22	1,536	21	44,484	23							
		3	Often	136	49	1,042	44	3,478	46	87,051	43							
		4	Very often	67	23	737	31	2,348	30	59,109	29							
		Total		281	100	2,363	100	7,518	100	197,211	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	4	1	64	3	137	2	5,107	3	2.9	3.0 *	-.13	3.0 **	-.18	3.0	-.11
		2	Sometimes	88	33	600	26	1,725	25	49,727	26							
		3	Often	115	42	968	41	3,229	43	84,156	43							
		4	Very often	63	23	702	30	2,347	30	56,074	28							
		Total		270	100	2,334	100	7,438	100	195,064	100							

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NSSE 2022 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 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	4	2	27	1	58	1	2,397	1	3.2	3.2	-.05	3.3	-.09	3.2	-.01	
		2	Sometimes	38	14	337	15	921	13	29,136	16								
		3	Often	129	48	1,028	44	3,330	45	87,281	45								
		4	Very often	100	36	931	40	3,078	40	74,573	38								
		Total		271	100	2,323	100	7,387	100	193,387	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	27	11	357	17	746	12	37,080	21	2.5	2.5	-.01	2.6 *	-.13	2.4 *	.13	
		2	Sometimes	123	46	882	37	2,814	38	75,474	39								
		3	Often	72	26	574	24	1,989	26	44,756	22								
		4	Very often	45	17	508	22	1,831	24	36,014	18								
		Total		267	100	2,321	100	7,380	100	193,324	100								
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	77	29	878	39	2,072	31	85,043	46	2.2	2.0 *	.14	2.2	.01	1.9 ***	.30	
		2	Sometimes	99	37	732	31	2,579	35	56,168	28								
		3	Often	53	20	386	17	1,500	20	29,337	14								
		4	Very often	40	14	320	14	1,194	15	22,008	11								
		Total		269	100	2,316	100	7,345	100	192,556	100								
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	46	17	574	26	1,232	18	60,106	33	2.3	2.2	.08	2.4	-.07	2.1 ***	.24	
		2	Sometimes	125	47	932	40	3,014	41	72,915	38								
		3	Often	64	24	470	19	1,901	25	36,498	18								
		4	Very often	32	12	325	14	1,158	15	21,615	11								
		Total		267	100	2,301	100	7,305	100	191,134	100								
d. Discussed your academic performance with a faculty member	SFperform	1	Never	62	24	424	19	1,218	18	47,709	26	2.1	2.3 ***	-.23	2.3 ***	-.23	2.2	-.03	
		2	Sometimes	127	49	961	42	3,167	44	81,060	42								
		3	Often	50	18	569	24	1,830	25	40,259	20								
		4	Very often	25	9	353	15	1,079	14	22,168	11								
		Total		264	100	2,307	100	7,294	100	191,196	100								
4. During the current school year, how much has your coursework emphasized the following?																			
a. Memorizing course material	memorize	1	Very little	15	6	248	10	734	10	16,244	9	2.9	2.7 ***	.21	2.7 ***	.28	2.7 **	.18	
		2	Some	71	27	719	31	2,455	34	58,310	31								
		3	Quite a bit	102	39	845	37	2,659	37	73,060	38								
		4	Very much	76	28	482	22	1,412	19	42,482	22								
		Total		264	100	2,294	100	7,260	100	190,096	100								

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NSSE 2022 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

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				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	4	2	86	4	185	3	5,851	3	3.1	3.0	.06	3.1	.03	3.1	.05
		2	Some	52	20	464	21	1,341	19	37,726	20							
		3	Quite a bit	120	46	984	43	3,287	45	83,533	44							
		4	Very much	87	33	749	33	2,416	33	62,227	32							
		Total		263	100	2,283	100	7,229	100	189,337	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	4	2	68	3	165	3	6,594	4	3.0	3.0	-.01	3.1	-.05	3.0	.01
		2	Some	53	20	515	23	1,421	20	39,976	21							
		3	Quite a bit	131	51	934	40	3,096	44	80,481	43							
		4	Very much	72	27	746	34	2,484	34	60,642	32							
		Total		260	100	2,263	100	7,166	100	187,693	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	13	5	77	4	203	3	8,946	5	2.9	3.0	-.11	3.0	-.12	3.0	-.03
		2	Some	59	23	500	23	1,517	22	42,076	23							
		3	Quite a bit	117	45	930	40	3,082	43	79,210	42							
		4	Very much	71	27	743	33	2,338	31	56,617	30							
		Total		260	100	2,250	100	7,140	100	186,849	100							
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	5	2	80	4	180	3	6,883	4	2.9	3.0	-.11	3.0 *	-.12	3.0	-.06
		2	Some	66	26	477	21	1,446	21	41,396	23							
		3	Quite a bit	127	49	965	43	3,262	46	82,709	44							
		4	Very much	61	23	721	32	2,223	30	55,022	29							
		Total		259	100	2,243	100	7,111	100	186,010	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	59	3	147	2	4,940	3	3.2	3.2	.00	3.1	.02	3.1	.05
		2	Some	35	14	405	18	1,141	16	33,906	19							
		3	Quite a bit	123	48	891	40	3,192	45	77,700	41							
		4	Very much	93	36	883	40	2,598	36	68,505	37							
		Total		258	100	2,238	100	7,078	100	185,051	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	8	3	90	4	215	3	8,599	5	3.1	3.1	-.05	3.1	-.05	3.0	.03
		2	Some	46	18	452	20	1,216	17	37,092	20							
		3	Quite a bit	125	49	846	37	3,210	45	76,301	41							
		4	Very much	78	30	850	38	2,419	34	62,664	34							
		Total		257	100	2,238	100	7,060	100	184,656	100							

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				Count	%	Count	%	Count	%	Count	%	Mean	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	6	2	86	4	194	3	7,559	5	3.1	3.1	.01	3.1	-.01	3.1	.09
		2	Some	40	16	429	19	1,247	18	37,587	21							
		3	Quite a bit	124	48	821	37	2,912	41	73,209	39							
		4	Very much	87	34	894	40	2,695	38	65,966	35							
		Total		257	100	2,230	100	7,048	100	184,321	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	14	6	161	8	417	7	17,404	10	2.9	3.0	-.05	2.9	-.05	2.8	.09
		2	Some	70	27	537	25	1,698	24	49,223	27							
		3	Quite a bit	100	39	738	33	2,669	38	62,515	33							
		4	Very much	73	28	791	35	2,261	32	54,932	29							
		Total		257	100	2,227	100	7,045	100	184,074	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	12	5	174	8	360	6	15,135	9	2.9	2.9	.01	2.9	.00	2.8 *	.11
		2	Some	64	25	551	25	1,750	25	50,256	28							
		3	Quite a bit	112	44	791	36	2,883	41	67,595	36							
		4	Very much	68	26	701	32	2,015	29	50,357	27							
		Total		256	100	2,217	100	7,008	100	183,343	100							
f. Explained in advance the criteria for successfully completing your assignments	etcriteria	1	Very little	8	3	87	4	203	3	7,355	4	3.1	3.1	-.07	3.1	-.04	3.1	.00
		2	Some	49	20	426	19	1,305	19	37,808	21							
		3	Quite a bit	117	46	848	38	3,084	44	73,762	40							
		4	Very much	80	31	840	39	2,388	34	63,715	35							
		Total		254	100	2,201	100	6,980	100	182,640	100							
g. Reviewed and summarized key ideas or concepts	etreview	1	Very little	10	4	72	3	171	3	6,530	4	3.0	3.1	-.12	3.1	-.10	3.0	-.04
		2	Some	48	19	415	19	1,316	19	37,293	21							
		3	Quite a bit	124	49	908	42	3,090	44	77,864	42							
		4	Very much	72	28	798	36	2,381	34	60,454	33							
		Total		254	100	2,193	100	6,958	100	182,141	100							
h. Taught in a way that aligns with how you prefer to learn	etprefer	1	Very little	21	9	160	8	432	7	15,928	9	2.7	2.8	-.08	2.8	-.08	2.7	.01
		2	Some	67	27	640	29	1,927	28	55,049	30							
		3	Quite a bit	117	46	809	37	2,955	42	68,872	37							
		4	Very much	48	19	583	27	1,648	23	42,043	23							
		Total		253	100	2,192	100	6,962	100	181,892	100							

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				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
i. Enabled you to demonstrate your learning through quizzes, assignments, and other activities	etdemonstrate	1	Very little	8	3	68	3	169	3	5,712	4	3.2	3.1	.03	3.1	.02	3.1	.02
		2	Some	37	15	403	19	1,144	17	30,624	17							
		3	Quite a bit	114	45	902	41	3,123	44	76,156	42							
		4	Very much	94	37	817	38	2,528	36	69,213	38							
		Total		253	100	2,190	100	6,964	100	181,705	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	32	12	263	12	780	11	19,139	10	2.5	2.7	-.13	2.7 *	-.13	2.7 *	-.15
		2	Sometimes	93	37	720	32	2,255	33	60,900	33							
		3	Often	88	35	733	34	2,403	35	62,950	35							
		4	Very often	38	15	452	21	1,439	21	36,335	21							
		Total		251	100	2,168	100	6,877	100	179,324	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	48	19	369	17	990	15	29,477	17	2.4	2.5 *	-.14	2.5 **	-.17	2.5 *	-.13
		2	Sometimes	97	38	761	35	2,493	36	64,309	36							
		3	Often	73	29	664	31	2,107	31	54,060	30							
		4	Very often	33	13	375	18	1,261	18	30,863	18							
		Total		251	100	2,169	100	6,851	100	178,709	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	36	14	354	16	931	14	28,211	16	2.4	2.5	-.04	2.5	-.11	2.5	-.04
		2	Sometimes	99	39	796	37	2,427	36	67,006	37							
		3	Often	88	35	657	30	2,281	33	54,950	31							
		4	Very often	28	11	351	17	1,176	17	27,825	16							
		Total		251	100	2,158	100	6,815	100	177,992	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	wrshortnum <i>(Recorded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i>	0	None	13	6	111	6	273	5	11,538	7	7.1	7.7	-.08	8.5 ***	-.20	7.5	-.06
		1.5	1-2	41	16	370	18	933	14	31,913	18							
		4	3-5	72	29	648	30	1,909	28	51,132	29							
		8	6-10	73	29	482	22	1,671	25	38,423	21							
		13	11-15	24	10	223	10	879	13	19,037	11							
		18	16-20	9	3	129	6	424	6	9,761	5							
		23	More than 20	16	6	191	9	710	10	15,730	9							
Total		248	100	2,154	100	6,799	100	177,534	100									

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				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Between 6 and 10 pages	wrmednum	0	None	50	21	478	24	1,144	18	45,935	27	2.8	3.6 **	-0.16	3.9 ***	-0.24	3.5 **	-0.15	
	(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	103	41	741	33	2,278	33	57,384	32								
	4	3-5	65	26	536	24	1,954	28	40,846	23									
	8	6-10	24	10	254	12	858	13	19,983	11									
	13	11-15	3	1	70	3	331	5	6,992	4									
	18	16-20	1	0	27	1	99	1	2,526	1									
	23	More than 20	2	1	38	2	108	2	3,142	2									
	Total			248	100	2,144	100	6,772	100	176,808	100								
c. 11 pages or more	wrlongnum	0	None	99	41	966	46	2,445	37	90,752	52	1.4	2.0 ***	-0.15	2.1 ***	-0.20	2.0 ***	-0.14	
	(Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.)	1.5	1-2	116	46	784	35	2,931	42	54,424	30								
	4	3-5	25	10	235	10	876	13	17,217	10									
	8	6-10	5	2	73	3	275	4	7,013	4									
	13	11-15	1	0	42	2	122	2	3,941	2									
	18	16-20	0	0	18	1	49	1	1,410	1									
	23	More than 20	1	0	29	1	94	1	2,441	1									
	Total			247	100	2,147	100	6,792	100	177,198	100								
Estimated number of assigned pages of student writing.	wrpages										65.0	80.9 ***	-0.17	88.4 ***	-0.25	79.7 ***	-0.15		
				<i>(Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.)</i>															
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	112	6	279	4	10,961	7	2.8	3.0 **	-0.20	3.0 **	-0.20	3.0 *	-0.14	
		2	Sometimes	79	33	519	24	1,879	26	45,476	26								
		3	Often	84	34	673	31	2,175	32	54,865	31								
		4	Very often	70	28	846	39	2,460	37	65,922	37								
			Total	246	100	2,150	100	6,793	100	177,224	100								
b. People from an economic background other than your own	DDeconomic	1	Never	9	3	89	4	205	3	9,755	6	3.0	3.0	.02	3.0	-0.03	3.0	.07	
		2	Sometimes	57	23	522	25	1,670	25	44,671	25								
		3	Often	101	41	797	37	2,442	36	62,624	35								
		4	Very often	80	32	733	34	2,460	36	59,728	33								
			Total	247	100	2,141	100	6,777	100	176,778	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 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022		
				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	3	133	6	405	6	14,517	9	3.1	2.9 **	.17	2.9 **	.16	2.9 ***	.20	
		2	Sometimes	50	21	626	30	2,065	30	50,635	29								
		3	Often	110	45	695	32	2,143	31	55,580	31								
		4	Very often	79	32	684	32	2,163	32	56,013	32								
		Total		246	100	2,138	100	6,776	100	176,745	100								
d. People with political views other than your own	DDpolitical	1	Never	11	4	161	7	510	7	14,230	9	2.9	2.8	.11	2.8	.09	2.8	.10	
		2	Sometimes	74	30	748	34	2,349	33	53,975	31								
		3	Often	86	35	618	29	1,935	29	54,863	31								
		4	Very often	75	30	605	29	1,981	30	53,654	30								
		Total		246	100	2,132	100	6,775	100	176,722	100								
e. People with a sexual orientation other than your own	ddsexorient	1	Never	8	3	132	7	153	4	10,637	11	3.1	2.9 **	.19	3.0	.09	2.8 ***	.33	
		2	Sometimes	57	24	505	28	998	27	33,736	32								
		3	Often	84	34	623	31	1,215	31	32,200	29								
		4	Very often	96	39	674	34	1,484	37	32,812	29								
		Total		245	100	1,934	100	3,850	100	109,385	100								
f. People from a country other than your own	ddcountry	1	Never	21	8	245	12	384	10	13,714	13	2.5	2.6	-.08	2.6	-.11	2.6	-.10	
		2	Sometimes	121	49	823	42	1,686	43	43,069	39								
		3	Often	68	27	446	23	919	24	27,147	25								
		4	Very often	37	15	425	23	863	23	25,617	23								
		Total		247	100	1,939	100	3,852	100	109,547	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	6	3	51	3	105	2	4,996	3	3.1	3.1	-.01	3.2	-.06	3.1	.06	
		2	Sometimes	41	17	386	19	1,111	17	35,510	21								
		3	Often	112	46	903	43	2,944	44	75,072	42								
		4	Very often	86	34	788	36	2,592	37	60,433	34								
		Total		245	100	2,128	100	6,752	100	176,011	100								
b. Reviewed your notes after class	LSnotes	1	Never	21	9	156	7	490	7	12,055	7	2.7	2.8 *	-.14	2.8	-.07	2.9 **	-.18	
		2	Sometimes	86	36	649	31	2,220	33	49,589	28								
		3	Often	74	31	698	32	2,211	33	59,578	34								
		4	Very often	63	25	629	30	1,820	26	54,706	31								
		Total		244	100	2,132	100	6,741	100	175,928	100								

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NSSE 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
c. Summarized what you learned in class or from course materials	LSummary	1	Never	11	4	132	6	361	5	9,993	6	2.8	2.9	-.07	2.9	-.03	2.9	-.08
		2	Sometimes	76	31	589	28	1,971	30	47,937	27							
		3	Often	100	41	792	37	2,615	39	66,930	38							
		4	Very often	58	23	619	29	1,792	26	51,015	29							
		Total		245	100	2,132	100	6,739	100	175,875	100							
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	26	1	57	1	2,092	1	5.4	5.6	-.09	5.5	-.04	5.5	-.06
		2		2	1	27	1	78	1	2,954	2							
		3		9	4	88	4	268	4	8,248	5							
		4		24	10	223	11	682	10	19,122	11							
		5		85	35	600	28	2,105	31	48,273	27							
		6		70	29	529	24	1,923	28	42,547	24							
		7	Very much	50	20	621	30	1,590	23	51,552	30							
		Total		243	100	2,114	100	6,703	100	174,788	100							
11. Which of the following have you done while in college 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	19	8	235	12	521	9	19,373	12	46%	49%	-.06	58% ***	-.24	44%	.05
			Do not plan to do	55	23	366	19	1,025	16	30,822	19							
			Plan to do	56	23	404	20	1,039	16	43,070	25							
			Done or in progress	114	46	1,104	49	4,106	58	81,401	44							
			Total	244	100	2,109	100	6,691	100	174,666	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	8	3	231	12	493	9	22,917	14	68%	33% ***	.70	50% ***	.37	30% ***	.76
			Do not plan to do	60	26	1,017	49	2,278	37	79,661	47							
			Plan to do	8	3	139	7	363	5	15,314	9							
			Done or in progress	167	68	719	33	3,552	50	56,388	30							
			Total	243	100	2,106	100	6,686	100	174,280	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	16	6	310	15	773	12	27,232	16	22%	22%	-.01	26%	-.11	21%	.02
			Do not plan to do	159	65	1,134	55	3,569	54	89,824	53							
			Plan to do	16	7	157	8	478	7	18,316	11							
			Done or in progress	53	22	488	22	1,850	26	38,383	21							
			Total	244	100	2,089	100	6,670	100	173,755	100							

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NSSE 2022 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 2021 & 2022				Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022							
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e						
d. Participate in a study abroad program	abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	21	9	253	12	616	10	23,358	14	5%	4%	.03	17% ***	-0.41	8%	-0.13							
			Do not plan to do	202	83	1,615	77	4,327	66	121,728	70														
			Plan to do	7	3	135	7	531	7	14,302	8														
			Done or in progress	12	5	93	4	1,197	17	14,493	8														
			Total	242	100	2,096	100	6,671	100	173,881	100														
e. Work with a faculty member on a research project	research <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	17	7	296	15	647	11	28,886	17	33%	30%	.08	37%	-0.08	21% ***	.29							
			Do not plan to do	121	50	930	46	2,867	44	86,645	50														
			Plan to do	24	10	188	10	501	8	20,099	12														
			Done or in progress	82	33	678	30	2,654	37	38,164	21														
			Total	244	100	2,092	100	6,669	100	173,794	100														
f. Complete a culminating senior experience (capstone course, senior project or thesis, portfolio, recital, comprehensive exam, etc.)	capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i>		Have not decided	5	2	150	8	318	5	18,180	11	75%	56% ***	.39	67% *	.17	43% ***	.65							
			Do not plan to do	7	3	341	17	790	12	34,707	21														
			Plan to do	48	20	379	19	906	15	41,816	25														
			Done or in progress	183	75	1,226	56	4,649	67	79,050	43														
			Total	243	100	2,096	100	6,663	100	173,753	100														
12. About how many of your courses at this institution have included a community-based project (service-learning)?												1.7		1.8		-0.05		1.8		-0.07		1.7		-0.03	
servcourse		1 None	90	37	770	38	2,218	35	67,101	41															
		2 Some	132	54	1,058	50	3,707	55	83,457	47															
		3 Most	18	7	216	10	580	8	17,805	10															
		4 All	2	1	38	2	129	2	4,590	3															
		Total	242	100	2,082	100	6,634	100	172,953	100															
13. Indicate the quality of your interactions with the following people at your institution.												5.6		5.5		.05		5.5		.06		5.6		.04	
a. Students	Q1student	1 Poor	4	2	32	2	92	2	2,816	2															
		2	3	1	33	2	113	2	3,300	2															
		3	5	2	83	4	265	4	7,136	4															
		4	25	10	239	11	673	11	16,927	10															
		5	60	25	526	24	1,681	25	40,240	23															
		6	80	32	552	26	1,958	29	45,944	26															
		7 Excellent	65	27	580	29	1,825	27	51,821	30															
		— Not applicable	1	0	44	3	43	1	5,051	4															
		Total	243	100	2,089	100	6,650	100	173,235	100															

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NSSE 2022 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 2021 & 2022				Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. Academic advisors	QIadvisor	1	Poor	13	5	89	4	208	3	7,602	5	5.0	5.4 **	-0.21	5.5 ***	-0.32	5.3 **	-0.17	
		2		14	6	82	4	219	3	7,636	4								
		3		24	10	157	7	399	6	12,012	7								
		4		32	13	231	10	646	9	19,662	11								
		5		38	16	379	18	1,186	17	30,014	17								
		6		50	20	395	19	1,515	23	33,460	19								
		7	Excellent	66	28	721	36	2,416	37	59,614	35								
		—	Not applicable	4	2	35	1	61	1	3,079	2								
Total				241	100	2,089	100	6,650	100	173,079	100								
c. Faculty	QIfaculty	1	Poor	3	1	28	1	68	1	3,082	2	5.5	5.6	-0.09	5.7 *	-0.15	5.5	.00	
		2		2	1	29	1	102	2	3,895	2								
		3		6	3	90	5	224	3	8,127	5								
		4		28	12	222	11	586	9	19,097	11								
		5		73	30	453	22	1,473	22	38,699	22								
		6		79	32	586	27	2,110	31	47,393	27								
		7	Excellent	51	21	651	31	2,046	31	50,652	29								
		—	Not applicable	0	0	22	1	37	1	2,127	1								
Total				242	100	2,081	100	6,646	100	173,072	100								
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	14	6	75	4	296	5	7,594	5	4.7	5.1 **	-0.20	4.9	-0.09	5.0 *	-0.16	
		2		12	5	77	3	310	5	6,910	4								
		3		19	8	132	6	567	8	11,060	6								
		4		45	19	252	12	978	14	20,169	11								
		5		48	20	376	17	1,404	21	29,587	16								
		6		47	19	353	17	1,307	19	28,395	16								
		7	Excellent	37	15	407	20	1,213	18	34,916	21								
		—	Not applicable	20	8	417	22	565	10	34,313	21								
Total				242	100	2,089	100	6,640	100	172,944	100								

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NSSE 2022 Frequencies and Statistical Comparisons

Truman State University

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

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				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	11	5	69	3	337	5	8,155	5	4.6	5.1 ***	-0.34	4.9 *	-0.16	5.0 ***	-0.26
		2		20	8	94	4	405	6	8,191	5							
		3		26	11	135	6	586	8	12,642	7							
		4		47	19	310	15	1,012	15	23,262	13							
		5		57	23	458	21	1,499	22	33,789	19							
		6		38	15	446	21	1,362	21	33,110	19							
		7	Excellent	36	15	471	23	1,209	19	40,211	24							
		—	Not applicable	8	3	107	5	233	4	13,705	9							
	Total			243	100	2,090	100	6,643	100	173,065	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	1	0	38	2	109	2	3,242	2	3.6	3.1 ***	.68	3.2 ***	.58	3.1 ***	.61
		2	Some	11	5	426	21	1,074	16	31,436	19							
		3	Quite a bit	71	29	950	45	2,968	45	77,369	45							
		4	Very much	158	65	668	32	2,476	36	60,478	35							
			Total			241	100	2,082	100	6,627	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	20	8	99	5	281	5	10,471	7	2.6	2.9 ***	-0.33	2.9 ***	-0.38	2.9 ***	-0.28
		2	Some	81	34	534	26	1,605	24	44,362	26							
		3	Quite a bit	108	44	885	42	2,863	43	70,401	40							
		4	Very much	33	13	562	27	1,872	28	47,002	27							
			Total			242	100	2,080	100	6,621	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	24	10	184	10	398	6	17,194	11	2.7	2.8 *	-0.16	3.0 ***	-0.32	2.8 *	-0.15
		2	Some	78	33	508	26	1,501	23	43,014	25							
		3	Quite a bit	91	38	790	37	2,611	39	63,274	36							
		4	Very much	48	20	595	27	2,093	31	48,591	28							
			Total			241	100	2,077	100	6,603	100							
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	49	20	251	12	808	12	25,839	16	2.4	2.7 ***	-0.26	2.7 ***	-0.26	2.6 **	-0.18
		2	Some	82	34	633	31	2,087	31	52,496	30							
		3	Quite a bit	70	29	694	34	2,185	33	54,772	31							
		4	Very much	40	17	495	23	1,525	23	38,734	22							
			Total			241	100	2,073	100	6,605	100							

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NSSE 2022 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 2021 & 2022		Truman	COPLAC		Nat'l Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
e. Providing opportunities to be involved socially	SEsocial	1	Very little	16	7	172	9	422	7	17,239	11	2.8	2.8	.04	2.9	-.02	2.7	.11
		2	Some	57	24	567	28	1,675	26	47,110	28							
		3	Quite a bit	115	48	779	37	2,640	39	64,515	37							
		4	Very much	53	22	551	26	1,870	27	42,837	24							
		Total		241	100	2,069	100	6,607	100	171,701	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	35	14	249	13	729	11	21,293	13	2.5	2.7 **	-.21	2.7 ***	-.23	2.7 ***	-.22
		2	Some	92	38	624	30	2,032	31	49,956	29							
		3	Quite a bit	80	33	725	35	2,448	37	60,268	35							
		4	Very much	34	14	473	23	1,394	21	39,981	23							
		Total		241	100	2,071	100	6,603	100	171,498	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	109	45	699	34	2,256	34	57,024	34	1.8	2.1 ***	-.25	2.1 ***	-.24	2.1 ***	-.27
		2	Some	81	34	731	35	2,374	36	58,484	34							
		3	Quite a bit	32	14	410	20	1,314	20	35,480	21							
		4	Very much	18	7	229	11	661	10	20,388	12							
		Total		240	100	2,069	100	6,605	100	171,376	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	26	11	301	15	777	13	31,939	20	2.5	2.6	-.05	2.6	-.11	2.5	.04
		2	Some	91	38	629	31	1,951	30	49,632	29							
		3	Quite a bit	88	37	711	34	2,421	36	55,562	32							
		4	Very much	36	14	419	20	1,433	21	33,962	19							
		Total		241	100	2,060	100	6,582	100	171,095	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	33	14	334	17	908	15	39,416	24	2.3	2.5 *	-.14	2.5 ***	-.22	2.3	.03
		2	Some	119	49	722	36	2,249	34	60,821	35							
		3	Quite a bit	63	27	644	30	2,271	34	46,644	27							
		4	Very much	25	10	364	17	1,163	17	24,225	14							
		Total		240	100	2,064	100	6,591	100	171,106	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	6	3	72	4	238	4	4,837	3	3.2	3.2	-.01	3.2	.01	3.3	-.08
		2	Disagree	25	10	163	8	585	9	12,911	8							
		3	Agree	119	49	1,031	50	3,235	49	83,236	48							
		4	Strongly agree	91	38	798	38	2,530	38	70,252	42							
		Total		241	100	2,064	100	6,588	100	171,236	100							

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NSSE 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean	Effect size ^e
b. I feel valued by this institution.	sbvalued	1	Strongly disagree	23	10	128	6	463	7	11,946	8	2.7	2.9 **	-.22	2.9 **	-.21	2.9 ***	-.23
		2	Disagree	57	23	409	20	1,254	19	31,436	18							
		3	Agree	124	52	1,031	49	3,295	50	84,031	48							
		4	Strongly agree	37	15	497	24	1,574	24	43,690	26							
		Total		241	100	2,065	100	6,586	100	171,103	100							
c. I feel like part of the community at this institution.	sbcommunity	1	Strongly disagree	17	7	127	6	374	6	10,532	7	2.9	2.9	-.03	3.0	-.11	2.9	-.07
		2	Disagree	45	19	435	21	1,095	17	32,192	19							
		3	Agree	128	53	1,006	48	3,323	50	83,975	48							
		4	Strongly agree	51	21	497	24	1,799	27	44,531	26							
		Total		241	100	2,065	100	6,591	100	171,230	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>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i>	0	0 hrs	2	1	6	0	18	0	669	0	17.7	15.1 ***	.29	16.0 **	.20	15.9 **	.20
		3	1-5 hrs	15	7	278	14	622	10	18,919	11							
		8	6-10 hrs	34	14	460	23	1,380	21	35,961	21							
		13	11-15 hrs	54	23	411	20	1,395	21	34,341	20							
		18	16-20 hrs	45	19	364	18	1,314	20	32,268	19							
		23	21-25 hrs	38	16	227	10	797	12	20,168	12							
		28	26-30 hrs	30	12	134	6	491	8	12,192	7							
		33	More than 30 hrs	22	9	180	9	552	8	16,213	10							
		Total		240	100	2,060	100	6,569	100	170,731	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 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmccourhrs	0	0 hrs	33	14	967	48	1,811	31	80,471	49	7.6	4.7 *** ▲	.40	6.8	.10	4.5 *** ▲	.44
	(Recorded version of tmccourr created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	81	33	536	26	1,944	28	43,199	24							
	8	6-10 hrs	58	24	233	11	1,131	16	19,361	11								
	13	11-15 hrs	37	16	131	7	654	9	11,699	7								
	18	16-20 hrs	21	9	90	4	486	7	7,460	4								
	23	21-25 hrs	6	2	35	2	256	4	3,880	2								
	28	26-30 hrs	2	1	26	1	119	2	1,732	1								
	33	More than 30 hrs	2	1	39	2	156	2	2,646	1								
	Total			240	100	2,057	100	6,557	100	170,448	100							
c. Working for pay on campus	tmworkonhrs	0	0 hrs	136	57	1,471	73	3,539	56	128,413	77	3.3	3.3	.00	4.7 ***	-.20	3.0	.05
	(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	53	22	101	5	726	10	7,341	4							
	8	6-10 hrs	22	9	185	8	1,040	14	11,743	6								
	13	11-15 hrs	16	7	131	6	574	8	8,890	5								
	18	16-20 hrs	11	4	116	6	464	7	8,666	5								
	23	21-25 hrs	1	0	30	1	106	2	2,714	2								
	28	26-30 hrs	1	0	10	0	48	1	1,029	1								
	33	More than 30 hrs	0	0	17	1	61	1	1,703	1								
	Total			240	100	2,061	100	6,558	100	170,499	100							
d. Working for pay off campus	tmworkoffhrs	0	0 hrs	154	64	883	43	3,471	53	66,810	39	4.8	12.4 *** ▼	-.59	8.7 ***	-.34	13.5 *** ▼	-.65
	(Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	19	8	102	4	426	6	8,254	5							
	8	6-10 hrs	20	8	144	6	482	7	10,978	6								
	13	11-15 hrs	13	5	142	6	442	7	12,013	7								
	18	16-20 hrs	16	7	191	9	517	8	15,584	9								
	23	21-25 hrs	8	3	144	7	375	6	12,674	7								
	28	26-30 hrs	6	3	116	6	228	4	9,592	6								
	33	More than 30 hrs	3	1	341	18	623	11	34,681	22								
	Total			239	100	2,063	100	6,564	100	170,586	100							
Estimated number of hours working for pay	tmworkhrs										8.0	15.7 *** ▼	-.59	13.4 ***	-.44	16.5 *** ▼	-.62	
(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 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	105	44	1,208	59	3,553	57	95,463	57	2.5	2.8	-.06	2.6	-.02	2.9 *	-.08
	(Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	106	44	567	27	2,115	31	49,024	28							
	8	6-10 hrs	20	8	125	6	476	7	12,537	7								
	13	11-15 hrs	6	3	76	4	183	3	5,957	3								
	18	16-20 hrs	2	1	41	2	104	1	3,385	2								
	23	21-25 hrs	0	0	16	1	48	1	1,654	1								
	28	26-30 hrs	0	0	8	0	20	0	775	0								
	33	More than 30 hrs	0	0	17	1	58	1	1,617	1								
	Total			239	100	2,058	100	6,557	100	170,412	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	4	2	63	3	115	2	5,748	4	12.1	11.0 *	.14	11.8	.04	11.0 *	.13
	(Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	37	15	559	27	1,459	22	45,350	26							
	8	6-10 hrs	70	29	565	27	1,904	29	47,793	28								
	13	11-15 hrs	71	30	388	19	1,372	21	31,615	18								
	18	16-20 hrs	31	13	234	11	840	13	19,909	12								
	23	21-25 hrs	12	5	87	4	351	5	8,162	5								
	28	26-30 hrs	7	3	47	2	166	3	3,798	2								
	33	More than 30 hrs	7	3	111	6	343	5	8,041	5								
	Total			239	100	2,054	100	6,550	100	170,416	100							
g. Providing care for dependents (children, parents, etc.)	tmcarehrs	0	0 hrs	216	91	1,354	65	5,027	75	105,966	61	.9	5.5 ***	-0.46	3.4 ***	-0.31	6.7 ***	-0.51
	(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	13	5	237	11	622	10	18,563	11							
	8	6-10 hrs	5	2	118	6	236	4	9,584	6								
	13	11-15 hrs	2	1	68	3	150	2	6,295	4								
	18	16-20 hrs	0	0	47	2	105	2	4,974	3								
	23	21-25 hrs	0	0	17	1	55	1	2,616	2								
	28	26-30 hrs	0	0	21	1	33	1	2,056	1								
	33	More than 30 hrs	3	1	189	10	330	6	20,241	13								
	Total			239	100	2,051	100	6,558	100	170,295	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 2022 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 2021 & 2022		Truman		COPLAC		Nat'l Liberal Arts		NSSE 2021 & 2022	
				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	48	20	623	31	3,106	50	60,583	37	3.3	4.4 ***	-0.20	2.9	.06	4.0 **	-0.12	
	(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)	3	1-5 hrs	168	70	935	45	2,442	35	73,273	42								
	8	6-10 hrs	15	6	301	14	544	8	20,925	12									
	13	11-15 hrs	3	1	103	5	237	3	7,532	4									
	18	16-20 hrs	3	1	44	2	99	1	3,419	2									
	23	21-25 hrs	1	0	17	1	34	1	1,701	1									
	28	26-30 hrs	0	0	7	0	16	0	829	1									
	33	More than 30 hrs	1	0	30	2	78	1	2,291	1									
	Total			239	100	2,060	100	6,556	100	170,553	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	14	221	11	535	8	22,142	14	2.7	2.9	-0.13	3.0 ***	-0.27	2.8	-0.07	
		2	Some	78	33	598	30	1,726	27	49,818	29								
		3	About half	64	27	581	28	1,819	28	47,364	28								
		4	Most	47	20	445	21	1,731	26	35,086	20								
		5	Almost all	17	7	206	10	735	11	15,605	9								
	Total			238	100	2,051	100	6,546	100	170,015	100								
	tmreadinghrs											7.9	7.3	.10	8.3	-0.06	7.5	.06	
	(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	2	1	6	0	17	0	656	0								
	(Collapsed version of tmreadinghrs created by NSSE.)	2	More than zero, up to 5 hrs	97	42	928	47	2,516	39	76,947	46								
		3	More than 5, up to 10 hrs	66	27	619	30	2,112	32	49,585	29								
		4	More than 10, up to 15 hrs	37	15	220	11	823	13	18,794	11								
		5	More than 15, up to 20 hrs	19	8	133	6	528	8	11,253	7								
		6	More than 20, up to 25 hrs	14	6	97	4	378	6	8,031	5								
		7	More than 25 hrs	3	1	41	2	148	2	4,150	2								
	Total			238	100	2,044	100	6,522	100	169,416	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 2022 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 2021 & 2022		Truman		COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%	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	13	6	80	4	223	4	8,443	6	3.1	3.1	.02	3.2	-.07	3.0	.07	
		2	Some	44	18	395	20	1,042	17	34,838	21								
		3	Quite a bit	88	37	805	39	2,606	40	66,713	39								
		4	Very much	93	39	771	36	2,680	39	60,250	35								
		Total		238	100	2,051	100	6,551	100	170,244	100								
b. Speaking clearly and effectively	pgspeak	1	Very little	15	6	136	7	286	5	12,178	8	2.9	2.9	.00	3.1 *	-.15	2.9	.02	
		2	Some	57	24	477	23	1,276	20	39,701	24								
		3	Quite a bit	95	40	794	39	2,573	39	63,716	37								
		4	Very much	71	29	641	31	2,408	36	54,458	31								
		Total		238	100	2,048	100	6,543	100	170,053	100								
c. Thinking critically and analytically	pgthink	1	Very little	8	4	43	2	101	2	3,843	3	3.3	3.3	.05	3.4	-.05	3.3	.07	
		2	Some	22	9	249	13	636	10	21,454	13								
		3	Quite a bit	86	36	775	38	2,326	36	64,334	37								
		4	Very much	121	51	982	47	3,485	52	80,482	47								
		Total		237	100	2,049	100	6,548	100	170,113	100								
d. Analyzing numerical and statistical information	pganalyze	1	Very little	19	8	228	11	597	9	14,993	9	2.8	2.8	-.03	2.9	-.10	2.9	-.12	
		2	Some	71	30	524	25	1,647	25	42,071	24								
		3	Quite a bit	87	37	683	34	2,093	32	57,607	34								
		4	Very much	61	26	612	30	2,207	34	55,375	33								
		Total		238	100	2,047	100	6,544	100	170,046	100								
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	22	10	168	9	506	8	13,912	9	2.8	2.9	-.09	2.9	-.08	2.9	-.12	
		2	Some	63	27	504	25	1,655	26	38,642	23								
		3	Quite a bit	87	36	712	34	2,259	35	58,388	34								
		4	Very much	66	28	662	32	2,126	32	59,136	34								
		Total		238	100	2,046	100	6,546	100	170,078	100								
f. Working effectively with others	pgothers	1	Very little	10	4	96	5	229	4	8,841	6	3.1	3.0	.07	3.1	-.02	3.0	.05	
		2	Some	44	19	437	22	1,222	20	34,720	21								
		3	Quite a bit	102	43	819	39	2,620	40	64,562	37								
		4	Very much	82	34	691	33	2,469	36	61,914	35								
		Total		238	100	2,043	100	6,540	100	170,037	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 2022 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 2021 & 2022		Truman	COPLAC		Natl Liberal Arts		NSSE 2021 & 2022	
				Count	%	Count	%	Count	%	Count	%		Mean	Mean	Effect size ^e	Mean	Effect size ^e	Mean
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	22	10	189	10	447	8	16,224	11	2.8	2.9	-.11	2.9 **	-.19	2.9	-.10
		2	Some	68	29	486	24	1,450	23	39,797	24							
		3	Quite a bit	89	38	715	34	2,395	36	58,977	34							
		4	Very much	58	24	657	31	2,251	33	54,955	31							
		Total		237	100	2,047	100	6,543	100	169,953	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	16	7	133	7	370	6	14,696	10	2.8	2.9 **	-.18	3.0 **	-.20	2.9	-.10
		2	Some	74	31	469	23	1,480	23	41,062	25							
		3	Quite a bit	90	39	775	37	2,466	37	58,344	34							
		4	Very much	57	23	671	32	2,230	33	55,854	32							
		Total		237	100	2,048	100	6,546	100	169,956	100							
i. Solving complex real-world problems	pgprobolve	1	Very little	18	8	166	9	423	7	14,389	9	2.8	2.8	-.01	2.9	-.07	2.9	-.04
		2	Some	62	26	549	27	1,700	27	43,394	26							
		3	Quite a bit	101	43	764	36	2,426	37	60,658	35							
		4	Very much	56	23	571	28	1,994	29	51,560	30							
		Total		237	100	2,050	100	6,543	100	170,001	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	28	12	199	10	495	9	19,195	12	2.7	2.8	-.13	2.9 **	-.19	2.8	-.07
		2	Some	72	31	541	27	1,648	26	46,768	28							
		3	Quite a bit	82	34	718	34	2,403	36	56,401	32							
		4	Very much	56	23	591	29	2,006	29	47,756	28							
		Total		238	100	2,049	100	6,552	100	170,120	100							
19. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	15	7	64	3	159	3	5,046	3	3.1	3.1	-.10	3.2 **	-.20	3.2 *	-.15
		2	Fair	28	12	293	15	779	13	23,049	14							
		3	Good	118	50	938	45	2,923	44	75,127	43							
		4	Excellent	76	32	750	36	2,698	40	67,124	39							
		Total		237	100	2,045	100	6,559	100	170,346	100							
20. If you could start over again, would you go to the same institution you are now attending?																		
	sameinst	1	Definitely no	25	10	127	7	419	7	8,680	5	2.9	3.1 **	-.19	3.1 **	-.19	3.2 ***	-.32
		2	Probably no	35	15	303	15	973	15	22,926	13							
		3	Probably yes	114	48	868	42	2,709	42	68,301	40							
		4	Definitely yes	64	27	753	36	2,472	36	70,920	42							
		Total		238	100	2,051	100	6,573	100	170,827	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 2022 Frequencies and Statistical Comparisons

Truman State University

Seniors				Frequency Distributions^a								Statistical Comparisons^b							
												<i>Your seniors compared with</i>							
<i>Item wording or description</i>	<i>Variable name^c</i>	<i>Values^d</i>	<i>Response options</i>	Truman		COPLAC		Nat'l Liberal Arts		NSSE 2021 & 2022		Truman		COPLAC		Nat'l Liberal Arts		NSSE 2021 & 2022	
				<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Mean</i>	<i>Effect size^e</i>	<i>Mean</i>	<i>Effect size^e</i>	<i>Mean</i>	<i>Effect size^e</i>	<i>Mean</i>	<i>Effect size^e</i>
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	16	7	106	5	414	6	11,476	7	2.8							
		2	Some	69	29	433	21	1,449	21	35,932	21			3.1 ***	-.25	3.0 **	-.19	3.0 **	-.19
		3	Quite a bit	92	38	734	36	2,500	38	61,223	35								
		4	Very much	62	26	789	38	2,205	34	62,053	37								
			Total	239	100	2,062	100	6,568	100	170,684	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 2022 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 ⁱ			Significance ^k			Effect size ^e		
	Truman	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:		
														COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022
1 a. askquest	254	2.89	2.82	2.95	2.78	.052	.017	.008	.002	.83	.87	.83	.85	2,998	10,697	277,164	.260	.223	.041	.07	-.08	.13
b. CLaskhelp	252	2.66	2.38	2.40	2.38	.057	.017	.009	.002	.91	.89	.90	.93	2,970	10,604	275,344	.000	.000	.000	.32	.29	.30
c. CLexplain	253	2.62	2.46	2.49	2.44	.053	.017	.008	.002	.84	.87	.86	.89	2,963	10,589	274,817	.004	.017	.001	.19	.15	.21
d. CLstudy	251	2.36	2.23	2.30	2.23	.061	.019	.010	.002	.97	.97	.97	.98	2,954	10,530	273,044	.046	.330	.043	.13	.06	.13
e. CLproject	252	2.75	2.50	2.56	2.44	.050	.017	.009	.002	.80	.87	.87	.91	310	266	251	.000	.000	.000	.29	.22	.34
f. present	250	2.29	2.21	2.31	2.12	.046	.017	.008	.002	.73	.89	.86	.89	323	267	250	.105	.595	.000	.09	-.03	.19
2 a. RIntegrate	249	2.68	2.56	2.60	2.54	.051	.017	.009	.002	.81	.88	.86	.87	308	263	249	.029	.128	.008	.13	.09	.16
b. RSocietal	246	2.59	2.64	2.72	2.58	.052	.018	.009	.002	.82	.91	.89	.89	305	10,181	245	.370	.021	.849	-.05	-.15	.01
c. RIdiverse	246	2.60	2.70	2.77	2.61	.055	.018	.009	.002	.86	.93	.89	.92	2,845	10,071	261,000	.102	.004	.863	-.11	-.19	-.01
d. Rlownview	239	2.75	2.79	2.81	2.78	.052	.016	.008	.002	.81	.82	.80	.82	2,801	9,945	257,336	.526	.281	.587	-.04	-.07	-.04
e. Rlperspect	235	2.88	2.94	2.94	2.92	.052	.016	.008	.002	.79	.82	.77	.80	2,762	9,783	252,622	.291	.263	.480	-.07	-.07	-.05
f. Rlnewview	232	2.81	2.83	2.86	2.84	.055	.017	.008	.002	.84	.82	.80	.81	2,714	9,633	248,155	.766	.321	.540	-.02	-.07	-.04
g. Rlconnect	231	3.10	3.01	3.07	3.03	.048	.016	.008	.002	.73	.79	.74	.76	2,675	9,520	244,731	.089	.581	.200	.12	.04	.08
3 a. SFcareer	232	2.25	2.26	2.27	2.24	.060	.019	.010	.002	.92	.94	.93	.94	2,687	9,516	244,417	.870	.791	.879	-.01	-.02	.01
b. SFotherwork	230	1.86	1.80	1.81	1.74	.056	.019	.010	.002	.85	.95	.92	.91	285	243	230	.269	.403	.027	.07	.05	.14
c. SFdiscuss	228	1.98	2.00	2.08	1.94	.056	.019	.009	.002	.84	.94	.90	.91	284	240	228	.678	.059	.479	-.03	-.12	.04
d. SFperform	227	2.00	2.19	2.20	2.10	.059	.018	.009	.002	.89	.89	.87	.90	2,633	9,354	240,144	.002	.001	.118	-.21	-.22	-.10
4 a. memorize	224	2.91	2.81	2.79	2.86	.051	.017	.009	.002	.77	.83	.82	.83	274	235	223	.066	.023	.343	.12	.15	.06
b. HOapply	222	2.88	2.82	2.92	2.88	.055	.017	.008	.002	.82	.82	.79	.82	2,589	9,207	236,637	.300	.455	.951	.07	-.05	.00
c. HOanalyze	221	2.91	2.83	2.94	2.88	.054	.018	.008	.002	.80	.85	.80	.82	269	9,106	233,580	.177	.604	.564	.09	-.04	.04
d. HOevaluate	220	2.77	2.87	2.96	2.89	.055	.017	.008	.002	.82	.83	.79	.82	2,531	230	232,262	.070	.001	.027	-.13	-.24	-.15
e. HOform	216	2.80	2.86	2.94	2.89	.052	.017	.008	.002	.77	.83	.79	.81	2,522	9,000	230,947	.298	.011	.098	-.07	-.18	-.11
5 a. ETgoals	217	2.97	3.02	3.06	3.03	.054	.017	.008	.002	.80	.81	.78	.80	2,507	8,944	229,409	.334	.073	.239	-.07	-.12	-.08
b. ETorganize	217	2.97	2.93	3.01	2.95	.053	.018	.009	.002	.78	.86	.82	.86	269	8,914	217	.533	.462	.691	.04	-.05	.02
c. ETexample	217	3.00	2.98	3.01	2.97	.054	.018	.009	.002	.80	.86	.84	.85	2,501	8,917	228,131	.791	.803	.621	.02	-.02	.03
d. ETdraftfb	217	2.66	2.85	2.90	2.81	.058	.019	.010	.002	.85	.92	.90	.93	2,502	8,887	227,630	.002	.000	.012	-.22	-.27	-.17
e. ETfeedback	215	2.66	2.76	2.82	2.71	.055	.019	.009	.002	.81	.91	.88	.92	268	8,850	214	.087	.008	.342	-.11	-.18	-.06
f. etcriteria	215	2.92	2.94	3.00	2.97	.052	.018	.009	.002	.76	.86	.82	.84	268	8,805	225,132	.757	.138	.353	-.02	-.10	-.06
g. etreview	215	2.86	2.94	2.99	2.96	.053	.017	.009	.002	.77	.82	.80	.82	2,457	8,776	224,371	.185	.018	.082	-.09	-.16	-.12
h. etprefer	214	2.56	2.58	2.66	2.62	.058	.019	.009	.002	.84	.89	.87	.89	2,456	8,743	223,812	.785	.092	.377	-.02	-.12	-.06
i. etdemonstrate	212	3.03	3.07	3.11	3.08	.053	.017	.008	.002	.77	.81	.78	.81	2,450	8,707	223,272	.506	.112	.395	-.05	-.11	-.06

NSSE 2022 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 ⁱ			Significance ^k			Effect size ^e		
	Truman		NSSE 2021 & 2022		Truman		NSSE 2021 & 2022		Truman		NSSE 2021 & 2022		Comparisons with:			Comparisons with:			Comparisons with:						
	Truman	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	Truman	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	Truman	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022						
6 a. QRconclude	210	2.61	2.58	2.55	2.59	.054	.019	.010	.002	.79	.90	.88	.87	263	223	210	.626	.358	.789	.03	.06	.02			
b. QRproblem	210	2.42	2.38	2.37	2.38	.058	.020	.010	.002	.84	.94	.90	.92	262	8,537	210	.514	.445	.493	.04	.05	.04			
c. QRevaluate	209	2.46	2.33	2.34	2.34	.061	.019	.010	.002	.89	.89	.88	.90	2,387	8,463	217,090	.044	.056	.061	.15	.13	.13			
7 a. wrshortnum	207	6.20	6.82	7.42	6.45	.398	.125	.067	.013	5.72	5.84	6.05	5.82	2,388	8,470	216,719	.146	.004	.546	-.11	-.20	-.04			
b. wrmednum	207	2.02	2.34	2.62	2.32	.174	.075	.038	.008	2.51	3.50	3.49	3.62	288	226	207	.084	.001	.086	-.10	-.18	-.08			
c. wrlongnum	206	.60	1.13	1.02	1.07	.149	.070	.033	.007	2.13	3.27	2.96	3.23	304	225	205	.002	.007	.002	-.16	-.14	-.15			
— wrpages	205	42.78	55.70	57.98	53.42	3.380	1.721	.826	.174	48.35	80.00	74.60	80.36	321	229	205	.001	.000	.002	-.17	-.21	-.13			
8 a. DDrace	208	2.90	2.97	2.99	2.93	.060	.020	.010	.002	.87	.92	.92	.94	2,389	8,439	215,951	.270	.155	.592	-.08	-.10	-.04			
b. DDeconomic	206	3.09	2.93	2.98	2.90	.055	.020	.010	.002	.79	.91	.89	.91	259	8,409	205	.005	.073	.001	.18	.13	.20			
c. DDreligion	206	3.07	2.86	2.87	2.82	.061	.021	.010	.002	.88	.97	.95	.96	255	217	205	.001	.001	.000	.22	.21	.26			
d. DDpolitical	207	2.89	2.73	2.77	2.77	.063	.021	.011	.002	.90	.98	.96	.96	255	218	206	.023	.064	.062	.15	.12	.12			
e. ddsexorient	207	2.97	2.92	2.98	2.77	.061	.022	.014	.003	.88	.98	.94	.99	262	4,853	207	.464	.874	.002	.05	-.01	.20			
f. ddcountry	207	2.67	2.50	2.63	2.53	.059	.022	.014	.003	.85	.98	.95	.99	266	229	207	.007	.482	.021	.18	.05	.14			
9 a. LSreading	207	2.90	2.96	3.07	2.96	.053	.017	.008	.002	.76	.79	.76	.79	2,354	8,358	213,911	.295	.002	.284	-.08	-.22	-.07			
b. LSnotes	206	2.79	2.84	2.84	2.89	.062	.019	.010	.002	.89	.89	.88	.88	2,352	8,353	213,801	.399	.359	.091	-.06	-.06	-.12			
c. LSsummary	205	2.74	2.80	2.82	2.83	.060	.019	.010	.002	.86	.88	.86	.86	2,350	8,350	213,709	.349	.237	.137	-.07	-.08	-.10			
10 challenge	204	5.39	5.28	5.42	5.36	.079	.027	.014	.003	1.13	1.25	1.22	1.27	2,342	8,300	212,361	.244	.735	.765	.09	-.02	.02			
11 a. intern ^l	203	5%	7%	7%	7%	.015	.006	.003	.001	--	--	--	--	--	--	--	.211	.242	.337	-.10	-.09	-.07			
b. leader ^l	203	24%	10%	11%	9%	.030	.006	.003	.001	--	--	--	--	--	--	--	.000	.000	.000	.39	.35	.42			
c. learncom ^l	201	4%	8%	8%	10%	.013	.006	.003	.001	--	--	--	--	--	--	--	.033	.024	.003	-.18	-.19	-.25			
d. abroad ^l	201	3%	2%	2%	2%	.011	.003	.002	.000	--	--	--	--	--	--	--	.436	.526	.648	.05	.04	.03			
e. research ^l	202	8%	4%	5%	5%	.019	.004	.002	.000	--	--	--	--	--	--	--	.011	.029	.014	.16	.14	.15			
f. capstone ^l	202	2%	2%	1%	2%	.010	.003	.001	.000	--	--	--	--	--	--	--	.927	.436	.955	.01	.05	.00			
12 servcourse	202	1.85	1.57	1.57	1.59	.036	.014	.008	.002	.51	.66	.67	.70	271	219	202	.000	.000	.000	.43	.41	.36			
13 a. QIstudent	201	5.42	5.18	5.31	5.29	.083	.033	.016	.003	1.17	1.48	1.42	1.46	267	216	201	.007	.224	.131	.16	.07	.09			
b. QIadvisor	199	4.41	5.30	5.36	5.37	.115	.036	.018	.004	1.61	1.64	1.59	1.61	2,225	8,041	204,244	.000	.000	.000	-.54	-.60	-.60			
c. QIfaculty	201	5.34	5.28	5.47	5.34	.083	.031	.015	.003	1.18	1.39	1.33	1.42	2,247	8,067	201	.593	.165	.978	.04	-.10	.00			
d. QIstaff	191	4.87	5.00	5.09	5.09	.110	.038	.019	.004	1.53	1.62	1.60	1.65	1,963	7,366	179,335	.297	.068	.064	-.08	-.13	-.13			
e. QIadmin	187	4.67	5.11	5.07	5.10	.112	.037	.019	.004	1.53	1.61	1.62	1.63	2,108	7,636	189,375	.000	.001	.000	-.28	-.25	-.26			

NSSE 2022 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 ⁱ			Significance ^k			Effect size ^e		
	Truman	Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:			
														COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	
14 a. empstudy	200	3.24	2.98	3.08	3.05	.052	.017	.008	.002	.74	.76	.75	.76	2,283	8,142	207,990	.000	.005	.001	.33	.20	.24	
b. SEacademic	199	2.79	2.91	2.98	2.92	.054	.019	.009	.002	.76	.86	.84	.86	2,277	8,135	207,502	.062	.001	.029	-.14	-.23	-.15	
c. SElearnsup	199	2.78	3.02	3.04	2.96	.062	.020	.010	.002	.87	.90	.90	.92	2,270	8,119	207,223	.000	.000	.006	-.26	-.29	-.20	
d. SEdiverse	199	2.59	2.74	2.72	2.68	.063	.021	.011	.002	.89	.94	.94	.96	2,271	8,098	206,874	.037	.057	.219	-.16	-.14	-.09	
e. SEsocial	196	2.90	2.85	2.84	2.79	.059	.020	.010	.002	.83	.91	.89	.93	241	206	195	.342	.307	.057	.07	.07	.12	
f. SEwellness	199	2.58	2.73	2.76	2.77	.063	.020	.010	.002	.89	.92	.91	.93	2,257	8,083	206,393	.019	.004	.004	-.17	-.21	-.21	
g. SEonacad	199	2.00	2.18	2.21	2.24	.065	.021	.011	.002	.91	.96	.95	.98	243	209	198	.011	.002	.000	-.18	-.22	-.24	
h. SEactivities	199	2.72	2.74	2.64	2.61	.056	.021	.011	.002	.79	.95	.97	1.00	256	213	199	.734	.164	.043	-.02	.08	.11	
i. SEevents	199	2.27	2.50	2.55	2.36	.063	.022	.011	.002	.90	.98	.95	.97	246	209	198	.001	.000	.173	-.24	-.29	-.09	
15 a. sbmyself	198	3.17	3.15	3.18	3.20	.048	.016	.008	.002	.68	.74	.71	.70	2,247	8,040	205,912	.818	.843	.436	.02	-.01	-.06	
b. sbvalued	199	2.78	2.92	2.98	2.96	.052	.017	.008	.002	.73	.76	.75	.76	2,246	8,030	205,563	.012	.000	.001	-.19	-.26	-.23	
c. sbcommunity	199	2.89	2.89	2.96	2.94	.053	.018	.009	.002	.75	.79	.78	.78	2,240	8,041	205,841	.944	.228	.441	.01	-.09	-.05	
16 a. tmprephrs	197	16.50	13.56	15.44	15.23	.562	.183	.093	.018	7.89	8.27	8.24	8.36	2,244	8,007	205,134	.000	.073	.033	.36	.13	.15	
b. tmcocurrhrs	195	7.20	4.89	6.30	4.88	.478	.156	.086	.015	6.68	7.08	7.59	6.90	2,243	207	204,792	.000	.067	.000	.33	.12	.34	
c. tmworkonhrs	194	1.78	1.77	2.28	2.08	.313	.110	.056	.012	4.36	5.00	4.95	5.45	2,239	206	205,024	.998	.114	.443	.00	-.10	-.06	
d. tmworkoffhrs	194	2.13	6.66	5.00	7.16	.398	.225	.107	.024	5.54	10.21	9.51	10.91	334	222	195	.000	.000	.000	-.46	-.30	-.46	
— tmworkhrs	194	3.91	8.38	7.24	9.21	.527	.249	.120	.027	7.34	11.27	10.62	12.15	288	214	194	.000	.000	.000	-.41	-.32	-.44	
e. tmservicehrs	193	1.75	1.82	1.83	2.09	.217	.100	.046	.010	3.02	4.49	4.02	4.56	280	8,001	193	.769	.796	.118	-.02	-.02	-.07	
f. tmrelaxhrs	193	13.14	12.50	12.27	12.26	.587	.195	.094	.019	8.16	8.85	8.34	8.57	2,240	8,005	204,915	.336	.150	.155	.07	.10	.10	
g. tmcarehrs	193	.81	2.53	2.29	3.48	.273	.147	.072	.018	3.79	6.65	6.32	8.00	317	219	194	.000	.000	.000	-.27	-.24	-.33	
h. tmcommutehrs	193	2.19	3.85	2.27	3.44	.218	.140	.057	.013	3.02	6.32	5.01	5.66	377	219	193	.000	.726	.000	-.27	-.02	-.22	
17 reading	192	2.55	2.80	2.98	2.66	.080	.024	.012	.002	1.11	1.10	1.08	1.09	2,228	7,987	204,325	.004	.000	.175	-.22	-.39	-.10	
— tmreadinghrs	192	6.82	6.43	7.86	6.67	.423	.132	.071	.013	5.86	5.93	6.24	5.88	2,217	7,949	203,447	.381	.022	.718	.07	-.17	.03	

NSSE 2022 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 ⁱ			Significance ^k			Effect size ^e		
	Truman		COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:			
	Truman	Truman												COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	COPLAC
18 a. pgwrite	193	2.55	2.82	2.86	2.81	.064	.019	.009	.002	.88	.85	.83	.87	227	201	204,224	.000	.000	.000	-.31	-.36	-.29	
b. pgspeak	193	2.49	2.62	2.67	2.65	.063	.020	.010	.002	.88	.92	.91	.93	2,227	7,969	203,980	.057	.006	.012	-.14	-.20	-.18	
c. pgthink	192	3.01	3.00	3.08	3.05	.060	.018	.009	.002	.83	.81	.80	.81	2,228	7,954	203,955	.971	.205	.400	.00	-.09	-.06	
d. pganalyze	191	2.56	2.60	2.57	2.67	.071	.021	.011	.002	.99	.94	.95	.94	2,227	7,954	203,926	.634	.927	.102	-.04	-.01	-.12	
e. pgwork	192	2.35	2.46	2.49	2.57	.066	.021	.011	.002	.91	.95	.94	.97	2,233	7,958	192	.149	.043	.001	-.11	-.15	-.22	
f. pgothers	192	2.72	2.68	2.74	2.74	.060	.020	.010	.002	.83	.90	.88	.91	235	7,970	192	.550	.673	.658	.04	-.03	-.03	
g. pgvalues	191	2.52	2.64	2.72	2.67	.066	.021	.010	.002	.92	.93	.92	.94	2,223	7,960	203,773	.073	.003	.023	-.14	-.22	-.16	
h. pgdiverse	192	2.68	2.83	2.86	2.78	.062	.021	.010	.002	.86	.93	.90	.94	2,230	7,963	203,923	.027	.006	.121	-.17	-.20	-.11	
i. pgprobsolve	191	2.56	2.57	2.63	2.63	.066	.021	.010	.002	.92	.93	.92	.94	2,230	7,965	203,984	.878	.313	.313	-.01	-.07	-.07	
j. pgcitizen	190	2.51	2.61	2.70	2.63	.070	.021	.010	.002	.97	.96	.93	.95	2,234	7,969	204,248	.166	.005	.082	-.11	-.21	-.13	
19 evalexp	188	2.99	2.99	3.09	3.07	.056	.016	.009	.002	.77	.72	.76	.76	2,238	7,991	204,576	.916	.072	.149	-.01	-.13	-.11	
20 sameinst	191	2.92	3.03	3.10	3.16	.057	.018	.009	.002	.79	.82	.82	.79	2,244	8,014	205,180	.072	.002	.000	-.14	-.23	-.31	
21 returnexp ^l	191	90%	87%	86%	88%	.0218	.0074	.0039	.0007	--	--	--	--	--	--	--	.260	.099	.350	.09	.13	.07	
22 covidexp	192	2.85	3.04	3.05	3.02	.064	.020	.010	.002	.89	.90	.88	.90	2,244	8,025	205,677	.006	.002	.008	-.21	-.22	-.19	

IPEDS: 178615

NSSE 2022 Frequencies and Statistical Comparisons

Detailed Statistics^g

Truman State University

Seniors

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Truman					Truman				Truman				Truman				Comparisons with:			Comparisons with:			Comparisons with:		
	Truman	Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	
1 a. askquest	301	3.07	3.13	3.21	3.02	.048	.016	.009	.002	.84	.86	.82	.89	3,321	9,176	332,023	.264	.006	.255	-.07	-.16	.07				
b. CLaskhelp	301	2.57	2.33	2.41	2.33	.054	.017	.010	.002	.93	.94	.90	.97	3,319	9,118	330,093	.000	.003	.000	.26	.18	.24				
c. CLexplain	300	2.76	2.63	2.71	2.54	.050	.017	.009	.002	.86	.93	.88	.95	372	9,116	299	.011	.380	.000	.15	.05	.24				
d. CLstudy	301	2.53	2.26	2.38	2.25	.057	.019	.011	.002	.99	1.03	1.00	1.03	3,287	9,078	327,800	.000	.014	.000	.27	.14	.27				
e. CLproject	296	2.97	2.72	2.80	2.68	.048	.017	.010	.002	.83	.95	.89	.99	376	318	295	.000	.001	.000	.27	.19	.29				
f. present	299	2.61	2.64	2.80	2.48	.049	.017	.010	.002	.86	.93	.91	.98	373	9,019	299	.614	.000	.009	-.03	-.21	.13				
2 a. RIntegrate	296	2.94	2.95	2.97	2.88	.046	.016	.009	.002	.79	.87	.84	.87	370	8,939	295	.826	.546	.202	-.01	-.04	.07				
b. RSocietal	293	2.79	2.89	2.96	2.79	.051	.017	.009	.002	.87	.91	.88	.93	3,216	8,899	292	.090	.002	.881	-.10	-.19	.01				
c. RIdiverse	292	2.68	2.79	2.86	2.65	.055	.018	.010	.002	.95	.96	.91	.99	3,192	309	318,540	.063	.001	.544	-.11	-.20	.04				
d. Rlownview	288	2.79	2.89	2.92	2.86	.047	.016	.009	.002	.79	.85	.82	.85	3,174	8,767	315,809	.071	.010	.198	-.11	-.15	-.08				
e. Rlperspect	280	2.93	3.02	3.04	2.99	.045	.015	.009	.001	.76	.80	.78	.83	3,139	8,648	311,575	.071	.022	.284	-.11	-.14	-.06				
f. Rlnewview	269	2.87	2.98	3.01	2.96	.047	.016	.009	.001	.78	.83	.79	.81	3,089	8,528	307,739	.042	.004	.076	-.13	-.18	-.11				
g. Rlconnect	270	3.19	3.22	3.25	3.19	.045	.014	.008	.001	.73	.74	.71	.75	3,078	8,470	304,817	.453	.153	.871	-.05	-.09	-.01				
3 a. SFcareer	266	2.49	2.50	2.62	2.36	.055	.019	.011	.002	.89	1.02	.97	1.00	333	285	265	.857	.024	.020	-.01	-.13	.13				
b. SFotherwork	268	2.20	2.05	2.19	1.90	.062	.020	.011	.002	1.01	1.05	1.03	1.02	3,063	8,412	303,234	.026	.899	.000	.14	.01	.30				
c. SFdiscuss	266	2.30	2.22	2.37	2.07	.055	.019	.011	.002	.89	.99	.95	.97	330	285	300,806	.163	.239	.000	.08	-.07	.24				
d. SFperform	263	2.13	2.35	2.34	2.17	.054	.018	.010	.002	.88	.96	.92	.94	322	281	262	.000	.000	.559	-.23	-.23	-.03				
4 a. memorize	263	2.90	2.70	2.65	2.74	.054	.018	.010	.002	.88	.93	.90	.90	319	280	298,901	.001	.000	.003	.21	.28	.18				
b. HOapply	262	3.10	3.05	3.08	3.06	.047	.016	.009	.001	.76	.82	.79	.81	3,017	8,262	297,645	.317	.644	.376	.06	.03	.05				
c. HOanalyze	258	3.04	3.04	3.08	3.03	.046	.016	.009	.002	.74	.83	.80	.83	322	277	258	.932	.360	.849	-.01	-.05	.01				
d. HOevaluate	258	2.93	3.03	3.03	2.96	.052	.016	.009	.002	.84	.84	.81	.86	2,979	8,152	293,351	.092	.068	.631	-.11	-.12	-.03				
e. HOform	257	2.93	3.03	3.03	2.98	.047	.016	.009	.002	.75	.83	.79	.83	2,970	8,108	291,871	.079	.049	.334	-.11	-.12	-.06				
5 a. ETgoals	257	3.17	3.16	3.15	3.12	.048	.016	.009	.002	.76	.81	.78	.81	313	8,064	290,138	.940	.717	.386	.00	.02	.05				
b. ETorganize	256	3.06	3.10	3.10	3.03	.049	.017	.009	.002	.78	.86	.80	.86	317	8,038	255	.402	.407	.624	-.05	-.05	.03				
c. ETexample	256	3.13	3.13	3.14	3.06	.048	.017	.009	.002	.76	.86	.81	.86	320	274	255	.933	.894	.125	.01	-.01	.09				
d. ETdraftfb	256	2.90	2.95	2.94	2.82	.055	.018	.010	.002	.88	.95	.90	.97	2,946	8,025	255	.402	.458	.128	-.05	-.05	.09				
e. ETfeedback	255	2.92	2.92	2.93	2.82	.052	.018	.010	.002	.84	.93	.87	.93	316	7,979	254	.910	.938	.046	.01	.00	.11				
f. etcriteria	253	3.06	3.12	3.09	3.05	.050	.017	.009	.002	.80	.85	.81	.85	309	7,936	252	.264	.536	.933	-.07	-.04	.00				
g. etreview	253	3.01	3.11	3.09	3.04	.050	.016	.009	.002	.79	.82	.80	.83	306	7,906	252	.064	.110	.513	-.12	-.10	-.04				
h. etprefer	252	2.75	2.82	2.81	2.74	.054	.018	.010	.002	.86	.91	.87	.92	2,902	7,903	251	.226	.240	.818	-.08	-.08	.01				
i. etdemonstrate	252	3.15	3.13	3.14	3.14	.050	.016	.009	.002	.79	.82	.78	.82	2,896	7,910	284,278	.693	.740	.730	.03	.02	.02				

NSSE 2022 Frequencies and Statistical Comparisons

Detailed Statistics^g

Truman State University

Seniors

Variable Name	N					Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Truman	Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:						
														COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022				
6 a. QRconclude	250	2.53	2.65	2.65	2.67	.057	.018	.011	.002	.90	.94	.93	.92	2,864	7,800	280,203	.052	.045	.018	-.13	-.13	-.15				
b. QRproblem	250	2.36	2.50	2.53	2.49	.059	.019	.011	.002	.94	.97	.96	.97	2,866	7,764	279,117	.037	.008	.037	-.14	-.17	-.13				
c. QRevaluate	250	2.43	2.47	2.53	2.47	.055	.019	.011	.002	.87	.95	.93	.94	309	268	249	.472	.066	.495	-.04	-.11	-.04				
7 a. wrshortnum	247	7.12	7.65	8.46	7.54	.375	.130	.078	.013	5.89	6.65	6.74	6.67	308	267	246	.181	.001	.269	-.08	-.20	-.06				
b. wrmednum	247	2.85	3.56	3.90	3.52	.209	.088	.051	.009	3.29	4.46	4.38	4.55	338	275	246	.002	.000	.002	-.16	-.24	-.15				
c. wrlongnum	245	1.41	1.98	2.15	1.96	.142	.075	.042	.007	2.23	3.83	3.65	3.93	397	289	246	.001	.000	.000	-.15	-.20	-.14				
— wrpages	245	65.01	80.88	88.43	79.67	4.292	1.916	1.089	.190	67.12	97.14	93.41	99.66	349	276	244	.001	.000	.001	-.17	-.25	-.15				
8 a. DDrace	245	2.85	3.03	3.03	2.98	.057	.018	.010	.002	.89	.93	.89	.95	2,836	7,686	276,419	.003	.002	.034	-.20	-.20	-.14				
b. DDeconomic	246	3.02	3.00	3.04	2.95	.053	.017	.010	.002	.84	.87	.86	.91	2,830	7,670	245	.719	.663	.238	.02	-.03	.07				
c. DDreligion	245	3.05	2.90	2.90	2.86	.051	.018	.011	.002	.80	.93	.93	.96	309	266	244	.004	.004	.000	.17	.16	.20				
d. DDpolitical	245	2.91	2.81	2.82	2.82	.056	.019	.011	.002	.88	.95	.95	.96	299	262	244	.076	.121	.102	.11	.09	.10				
e. ddsexorient	244	3.09	2.91	3.01	2.76	.055	.019	.015	.002	.87	.95	.91	.99	305	4,157	243	.003	.196	.000	.19	.09	.33				
f. ddcountry	246	2.49	2.57	2.59	2.59	.054	.020	.015	.002	.85	.97	.95	.99	314	284	246	.178	.070	.078	-.08	-.11	-.10				
9 a. LSreading	244	3.12	3.12	3.16	3.07	.050	.016	.009	.002	.78	.80	.77	.82	2,810	7,637	274,403	.894	.376	.373	-.01	-.06	.06				
b. LSnotes	242	2.72	2.84	2.78	2.88	.060	.018	.011	.002	.94	.93	.92	.93	2,813	7,623	274,259	.044	.260	.005	-.14	-.07	-.18				
c. LSsummary	244	2.83	2.89	2.85	2.89	.053	.018	.010	.002	.83	.89	.87	.89	2,813	7,621	274,096	.268	.683	.238	-.07	-.03	-.08				
10 challenge	241	5.43	5.55	5.49	5.51	.078	.026	.014	.003	1.21	1.33	1.24	1.36	298	7,582	241	.151	.506	.317	-.09	-.04	-.06				
11 a. intern ^l	242	46%	49%	58%	44%	.0321	.0099	.0058	.0010	--	--	--	--	--	--	--	.393	.000	.468	-.06	-.24	.05				
b. leader ^l	241	68%	33%	50%	30%	.0301	.0093	.0058	.0009	--	--	--	--	--	--	--	.000	.000	.000	.70	.37	.76				
c. learncom ^l	242	22%	22%	26%	21%	.0264	.0083	.0051	.0008	--	--	--	--	--	--	--	.829	.104	.790	-.01	-.11	.02				
d. abroad ^l	241	5%	4%	17%	8%	.0138	.0040	.0044	.0005	--	--	--	--	--	--	--	.629	.000	.079	.03	-.41	-.13				
e. research ^l	242	33%	30%	37%	21%	.0303	.0091	.0057	.0008	--	--	--	--	--	--	--	.231	.214	.000	.08	-.08	.29				
f. capstone ^l	241	75%	56%	67%	43%	.0280	.0099	.0055	.0010	--	--	--	--	--	--	--	.000	.012	.000	.39	.17	.65				
12 servcourse	240	1.72	1.76	1.76	1.74	.041	.014	.008	.001	.64	.71	.67	.74	2,748	7,495	240	.416	.321	.638	-.05	-.07	-.03				
13 a. QIstudent	241	5.61	5.54	5.53	5.55	.083	.027	.016	.003	1.28	1.36	1.34	1.40	2,691	7,458	240	.453	.371	.501	.05	.06	.04				
b. QIadvisor	235	5.02	5.38	5.54	5.32	.119	.035	.019	.003	1.82	1.73	1.60	1.75	2,716	246	264,273	.002	.000	.010	-.21	-.32	-.17				
c. QIfaculty	240	5.50	5.61	5.69	5.50	.077	.027	.015	.003	1.20	1.34	1.30	1.44	301	7,457	240	.162	.025	.968	-.09	-.15	.00				
d. QIstaff	222	4.75	5.09	4.91	5.04	.115	.038	.021	.004	1.71	1.68	1.69	1.76	2,196	6,754	212,928	.004	.165	.014	-.20	-.09	-.16				
e. QIadmin	234	4.60	5.15	4.87	5.05	.110	.033	.021	.004	1.68	1.61	1.72	1.74	2,617	7,194	245,962	.000	.017	.000	-.34	-.16	-.26				

NSSE 2022 Frequencies and Statistical Comparisons

Detailed Statistics^g

Truman State University

Seniors

Variable Name	N		Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e								
	Truman																												
		Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Natl Liberal Arts	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:									
14 a. empstudy	240	3.60	3.08	3.16	3.12	.039	.015	.009	.001	.61	.77	.76	.77	317	264	239	.000	.000	.000	.68	.58	.61							
b. SEacademic	241	2.63	2.90	2.95	2.88	.053	.017	.010	.002	.82	.85	.84	.89	2,746	7,483	268,057	.000	.000	.000	-.33	-.38	-.28							
c. SElearnsup	240	2.67	2.82	2.96	2.82	.059	.019	.011	.002	.91	.94	.89	.96	2,741	255	267,755	.016	.000	.017	-.16	-.32	-.15							
d. SEdiverse	240	2.42	2.68	2.67	2.60	.064	.019	.011	.002	.99	.96	.97	1.00	2,735	7,464	267,332	.000	.000	.006	-.26	-.26	-.18							
e. SEsocial	240	2.85	2.81	2.86	2.74	.054	.019	.011	.002	.84	.93	.90	.95	299	258	239	.490	.779	.056	.04	-.02	.11							
f. SEwellness	240	2.47	2.67	2.68	2.68	.058	.019	.011	.002	.91	.96	.93	.97	2,732	7,466	266,733	.002	.001	.001	-.21	-.23	-.22							
g. SEonacad	239	1.83	2.08	2.06	2.11	.060	.020	.011	.002	.93	.99	.97	1.00	2,729	7,460	266,542	.000	.000	.000	-.25	-.24	-.27							
h. SEactivities	240	2.55	2.60	2.65	2.50	.056	.020	.011	.002	.87	.98	.96	1.02	300	258	239	.411	.078	.420	-.05	-.11	.04							
i. SEevents	239	2.33	2.46	2.54	2.29	.054	.019	.011	.002	.84	.96	.94	.99	302	258	239	.019	.000	.528	-.14	-.22	.03							
15 a. sbmyself	240	3.22	3.23	3.21	3.28	.048	.015	.009	.001	.74	.75	.76	.73	2,723	7,446	266,301	.829	.899	.214	-.01	.01	-.08							
b. sbvalued	240	2.72	2.91	2.90	2.92	.054	.017	.010	.002	.84	.83	.85	.86	2,722	7,445	266,073	.001	.001	.000	-.22	-.21	-.23							
c. sbcommunity	240	2.88	2.90	2.97	2.93	.053	.017	.010	.002	.82	.84	.83	.85	2,725	7,447	266,249	.657	.097	.307	-.03	-.11	-.07							
16 a. tmprephrs	239	17.67	15.08	15.99	15.91	.559	.179	.102	.017	8.64	8.91	8.60	8.93	2,715	7,416	265,417	.000	.003	.002	.29	.20	.20							
b. tmcocurrhrs	239	7.56	4.67	6.79	4.48	.429	.146	.095	.014	6.63	7.25	8.06	7.00	2,711	262	264,995	.000	.078	.000	.40	.10	.44							
c. tmworkonhrs	239	3.29	3.31	4.72	2.99	.348	.132	.083	.013	5.38	6.58	7.05	6.64	311	266	239	.963	.000	.392	.00	-.20	.05							
d. tmworkoffhrs	238	4.76	12.38	8.71	13.52	.531	.264	.138	.026	8.20	13.17	11.68	13.49	366	270	238	.000	.000	.000	-.59	-.34	-.65							
— tmworkhrs	238	7.98	15.67	13.41	16.49	.596	.266	.146	.027	9.19	13.26	12.33	13.74	340	266	238	.000	.000	.000	-.59	-.44	-.62							
e. tmservicehrs	238	2.45	2.76	2.56	2.91	.206	.109	.058	.011	3.18	5.41	4.92	5.52	384	276	238	.190	.623	.029	-.06	-.02	-.08							
f. tmrelaxhrs	238	12.10	10.97	11.75	10.98	.467	.168	.097	.016	7.21	8.36	8.22	8.30	302	258	237	.024	.469	.018	.14	.04	.13							
g. tmcarehrs	238	.87	5.52	3.43	6.73	.267	.213	.100	.022	4.12	10.58	8.46	11.47	611	308	240	.000	.000	.000	-.46	-.31	-.51							
h. tmcommutehrs	238	3.27	4.41	2.95	3.98	.238	.119	.061	.011	3.67	5.94	5.19	5.80	369	269	238	.000	.194	.003	-.20	.06	-.12							
17 reading	237	2.73	2.88	3.04	2.82	.073	.023	.013	.002	1.13	1.16	1.14	1.17	2,697	7,390	264,267	.055	.000	.251	-.13	-.27	-.07							
— tmreadinghrs	237	7.93	7.32	8.30	7.55	.413	.127	.078	.013	6.36	6.29	6.57	6.58	2,688	7,360	263,264	.151	.398	.369	.10	-.06	.06							

NSSE 2022 Frequencies and Statistical Comparisons

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Truman State University

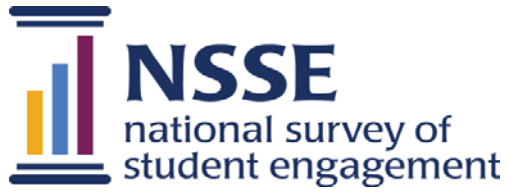
Seniors

Variable Name	N		Mean				Standard error ^h				Standard deviation ⁱ				Degrees of freedom ⁱ			Significance ^k			Effect size ^e		
	Truman		COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	Truman	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	Comparisons with:			Comparisons with:			Comparisons with:			
	Truman	Truman												COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	COPLAC	Nat'l Liberal Arts	NSSE 2021 & 2022	COPLAC
18 a. pgwrite	237	3.09	3.07	3.15	3.03	.058	.017	.010	.002	.89	.86	.83	.88	2,699	7,395	264,676	.776	.267	.298	.02	-.07	.07	
b. pgspeak	237	2.93	2.93	3.06	2.91	.058	.018	.010	.002	.89	.91	.87	.93	2,695	7,383	264,363	.992	.025	.807	.00	-.15	.02	
c. pgthink	236	3.34	3.30	3.38	3.29	.052	.016	.009	.002	.79	.78	.74	.79	2,695	7,387	264,486	.462	.474	.279	.05	-.05	.07	
d. pganalyze	237	2.81	2.84	2.90	2.92	.059	.020	.011	.002	.91	.98	.97	.96	2,694	7,383	264,349	.650	.134	.067	-.03	-.10	-.12	
e. pgwork	237	2.82	2.90	2.90	2.94	.061	.019	.011	.002	.95	.95	.94	.96	2,694	7,388	264,449	.192	.219	.059	-.09	-.08	-.12	
f. pgothers	237	3.07	3.01	3.09	3.02	.054	.018	.010	.002	.83	.88	.85	.90	2,690	7,377	264,378	.317	.727	.418	.07	-.02	.05	
g. pgvalues	236	2.76	2.87	2.94	2.86	.060	.020	.011	.002	.92	.98	.93	.98	2,694	7,384	264,203	.119	.005	.142	-.11	-.19	-.10	
h. pgdiverse	236	2.79	2.95	2.97	2.88	.057	.018	.011	.002	.88	.92	.90	.97	2,696	7,386	264,173	.010	.002	.123	-.18	-.20	-.10	
i. pgprobolve	236	2.82	2.83	2.88	2.86	.057	.019	.011	.002	.88	.94	.91	.95	2,698	7,385	235	.839	.302	.459	-.01	-.07	-.04	
j. pgcitizen	237	2.68	2.81	2.86	2.75	.062	.019	.011	.002	.96	.97	.94	.99	2,697	7,395	264,497	.056	.005	.282	-.13	-.19	-.07	
19 evalexp	236	3.07	3.15	3.22	3.19	.054	.016	.009	.002	.83	.79	.77	.80	2,695	7,400	264,934	.155	.003	.022	-.10	-.20	-.15	
20 sameinst	237	2.91	3.08	3.07	3.18	.059	.018	.010	.002	.91	.88	.89	.85	2,707	7,420	265,722	.004	.005	.000	-.19	-.19	-.32	
21 covidexp	238	2.84	3.06	3.01	3.01	.058	.018	.011	.002	.90	.90	.90	.93	2,722	7,413	265,399	.000	.004	.004	-.25	-.19	-.19	

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 2022

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 Report Builder can be accessed via the NSSE Institution Interface.

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
2022	36%	+/- 4.9%	255	177	78	33%	+/- 4.6%	304	222	82

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
2022	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 results 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.

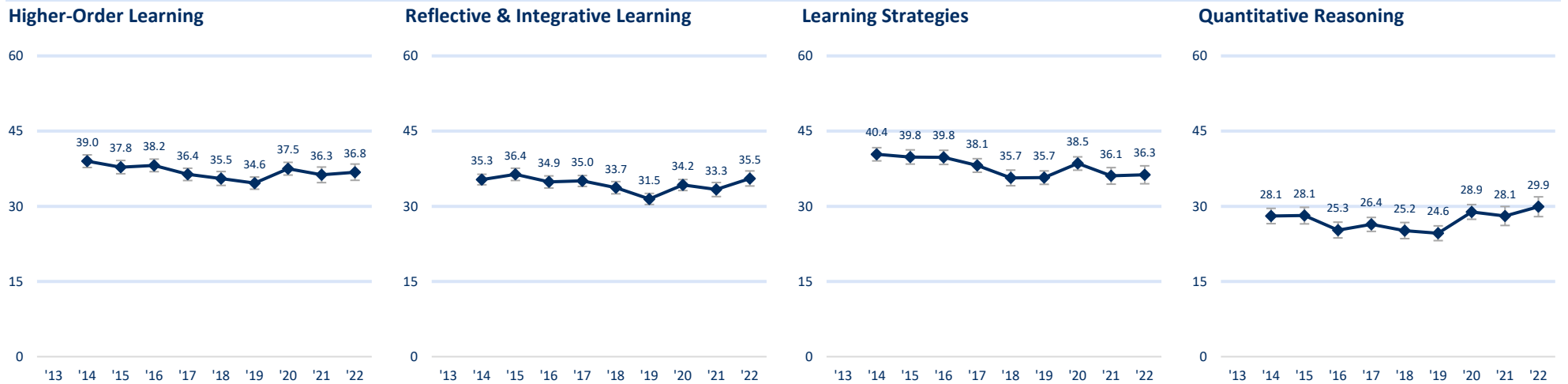
NSSE 2022 Multi-Year Report

Engagement Results by Theme

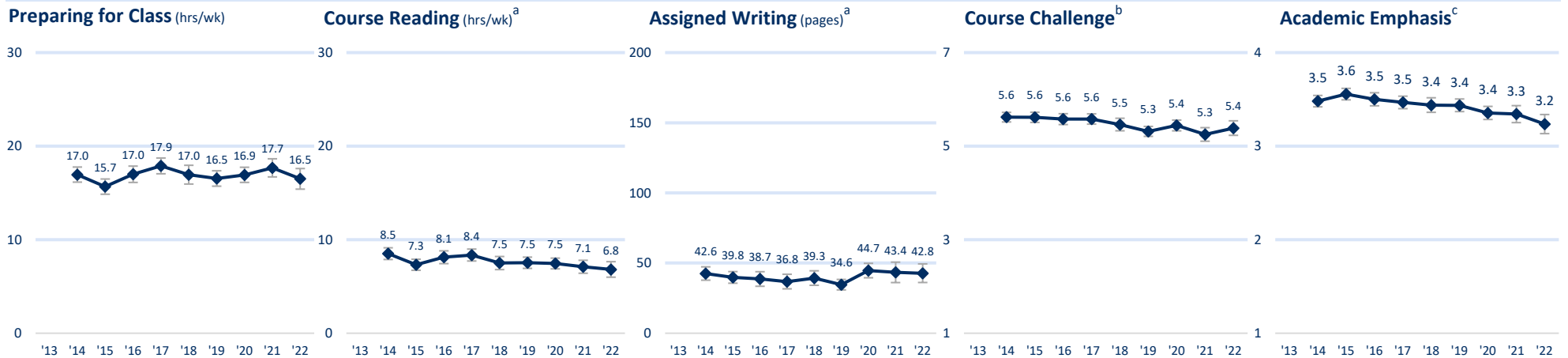
Truman State University

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").

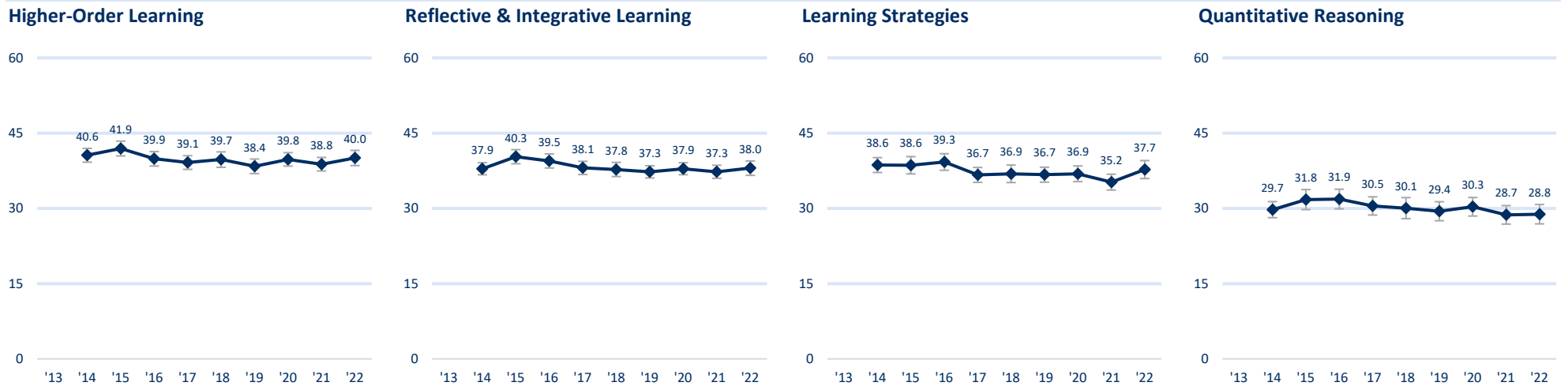
NSSE 2022 Multi-Year Report

Engagement Results by Theme

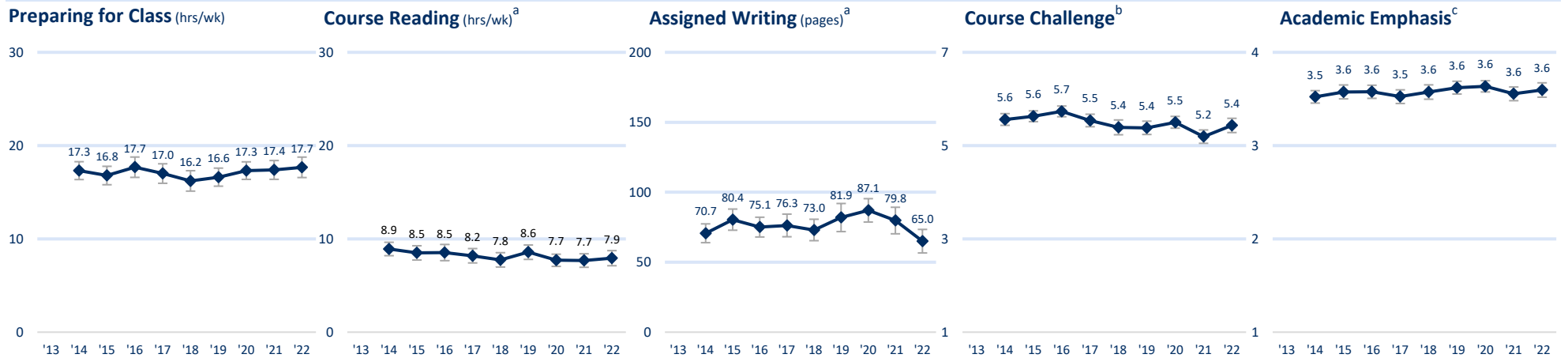
Truman State University

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.

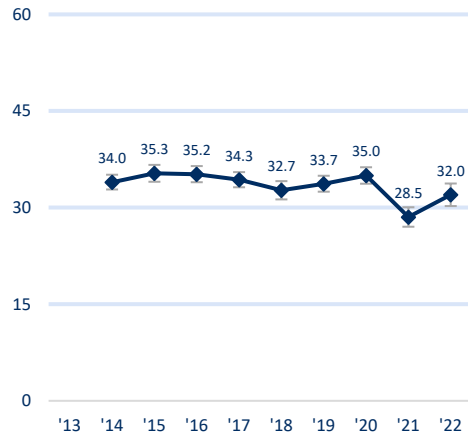
b. Extent to which courses challenged students to do their best work (1 = "Not at all" to 7 = "Very much").

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").

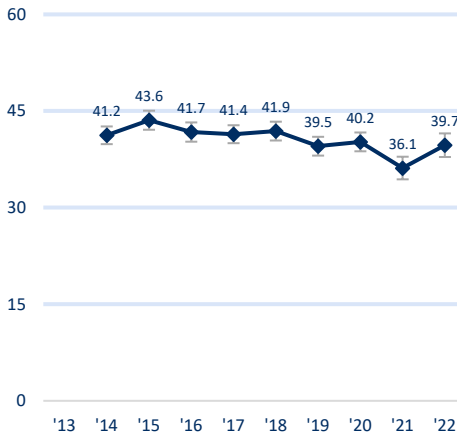
Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. Each theme below is represented by two EIs. See pages 10-12 for detailed statistics. For more information, including the items that make up each EI, refer to your *Engagement Indicators* report.

Learning with Peers: First-year students

Collaborative Learning

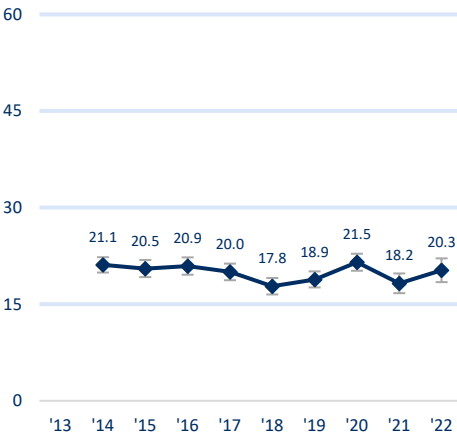


Discussions with Diverse Others

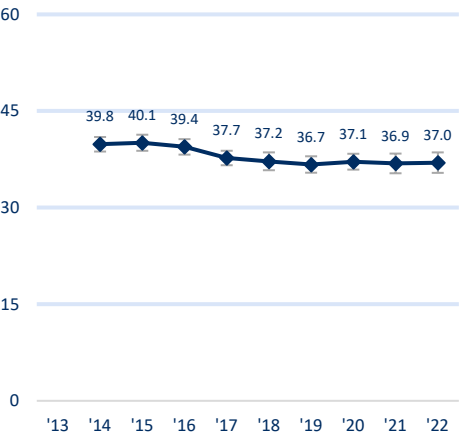


Experiences with Faculty: First-year students

Student-Faculty Interaction

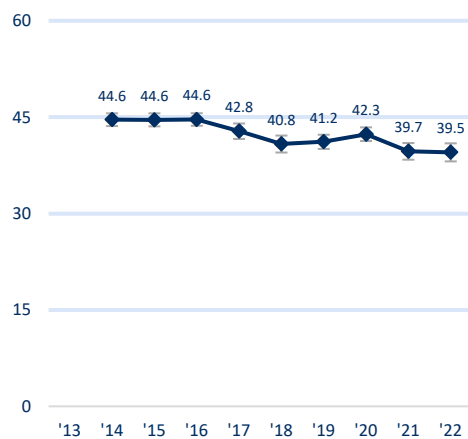


Effective Teaching Practices

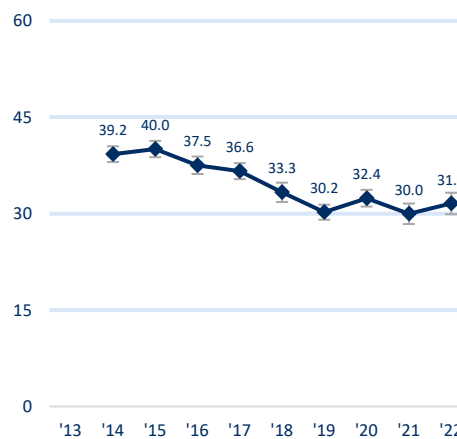


Campus Environment: First-year students

Quality of Interactions



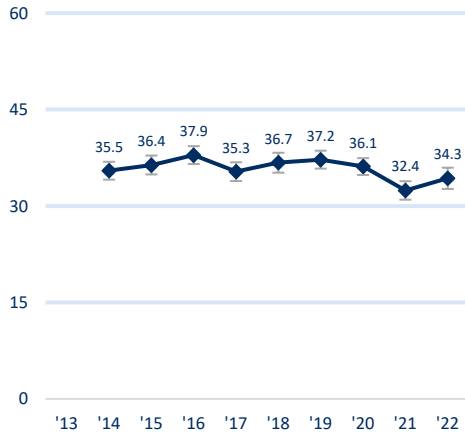
Supportive Environment



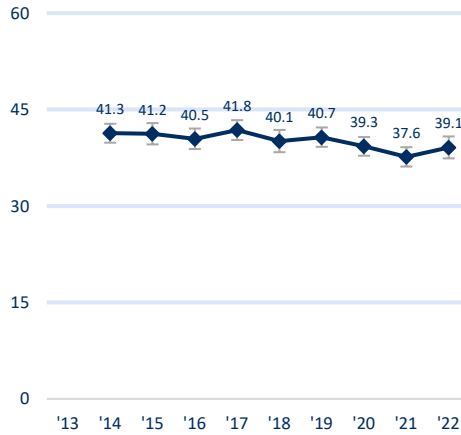
Engagement Indicators (EIs) represent the average student responses to a set of related survey questions. Each theme below is represented by two EIs. See pages 10-12 for detailed statistics. For more information, including the items that make up each EI, refer to your *Engagement Indicators* report.

Learning with Peers: Seniors

Collaborative Learning

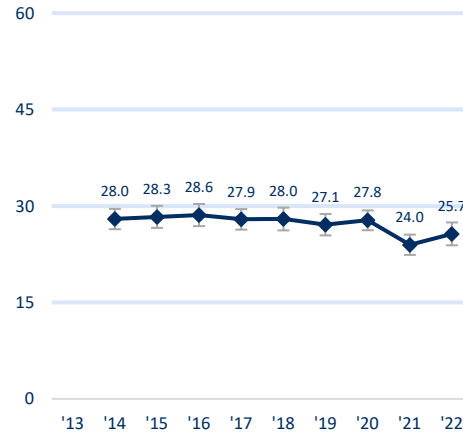


Discussions with Diverse Others

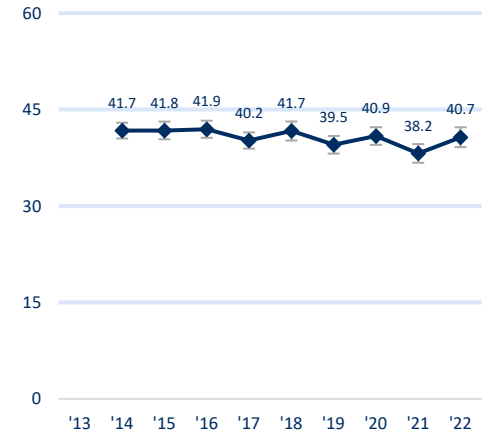


Experiences with Faculty: Seniors

Student-Faculty Interaction

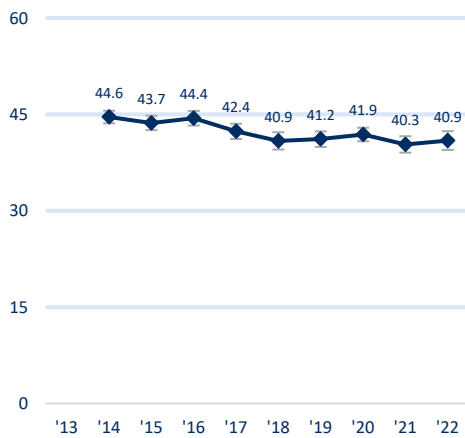


Effective Teaching Practices

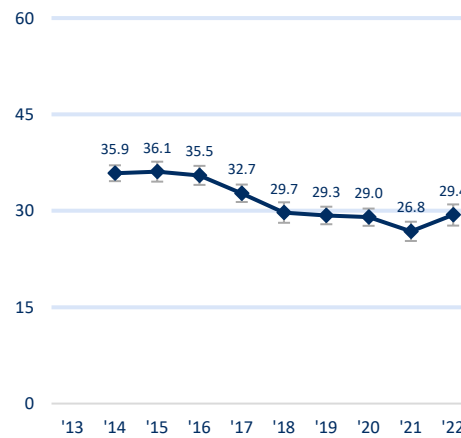


Campus Environment: Seniors

Quality of Interactions



Supportive Environment

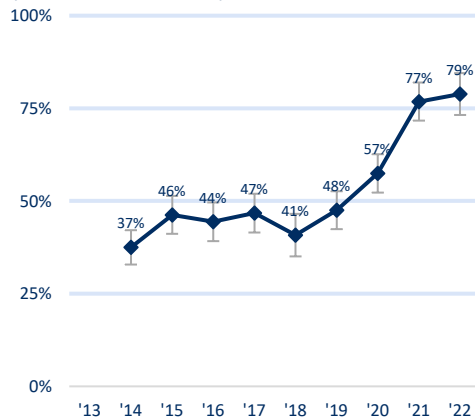


Due to their positive associations with student learning and retention, certain undergraduate opportunities are designated "high-impact." The figures below display first-year students' participation, or intent to participate, in High-Impact Practices (HIPs) by year. See page 13 for detailed statistics.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

High-Impact Practices: First-year students

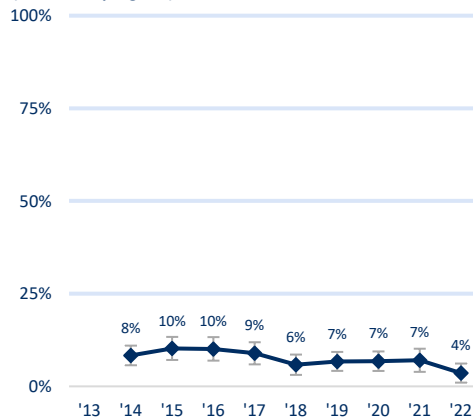
Service-Learning

(Some, most, or all courses)



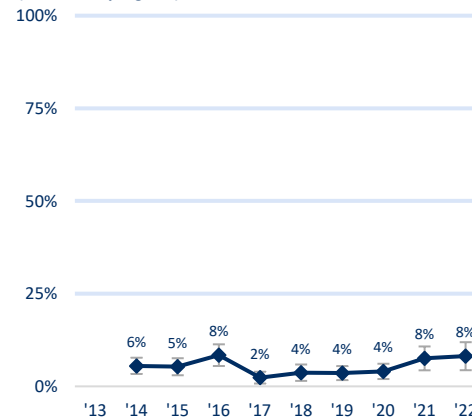
Learning Community

(Done or in progress)



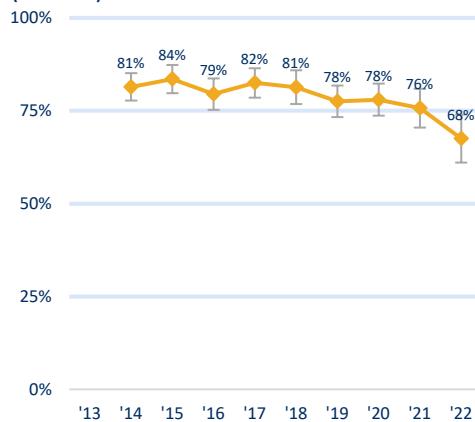
Research with Faculty

(Done or in progress)



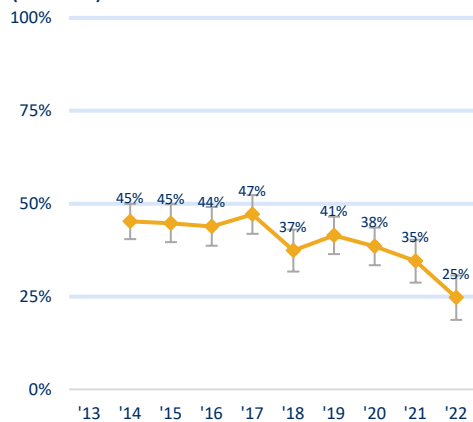
Internship/Field Experience

(Plan to do)



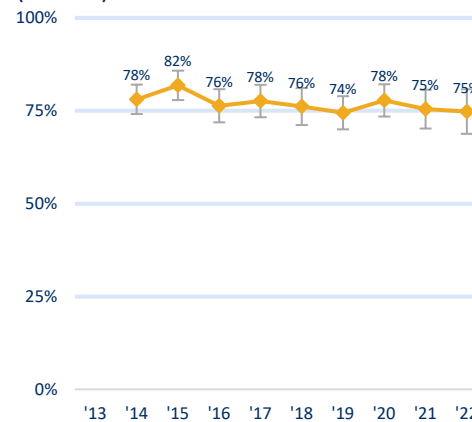
Study Abroad

(Plan to do)



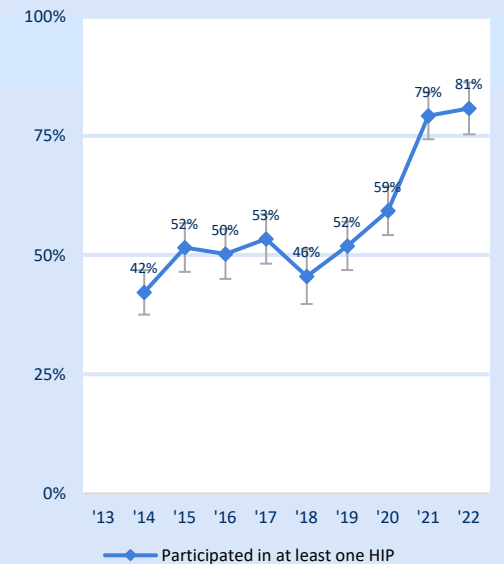
Culminating Senior Experience

(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.



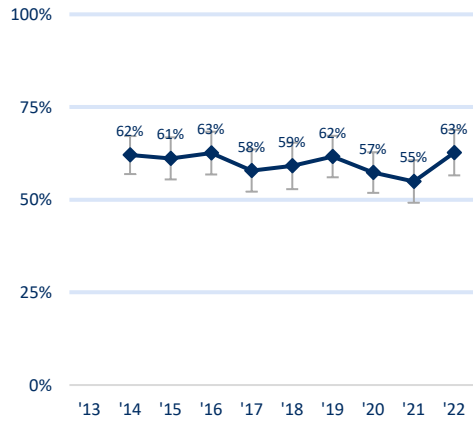
NSSE founding director George Kuh recommends that institutions aspire for all students to participate in at least two HIPs over the course of their undergraduate experience—one during the first year and one in the context of their major.

Due to their positive associations with student learning and retention, certain 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

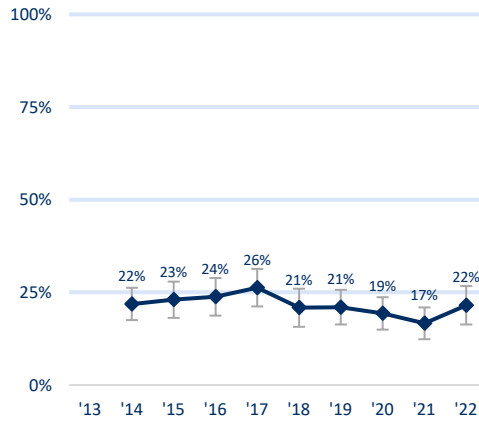
Service-Learning

(Some, most, or all courses)



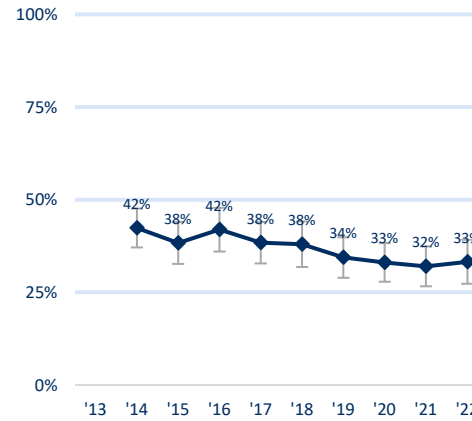
Learning Community

(Done or in progress)



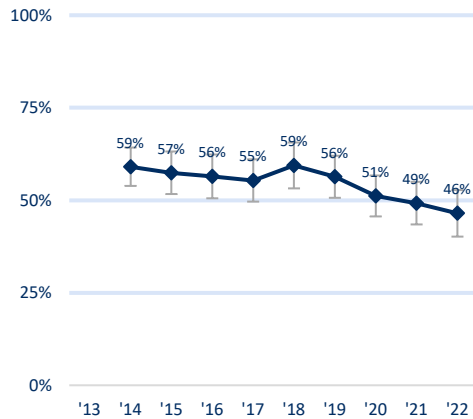
Research with Faculty

(Done or in progress)



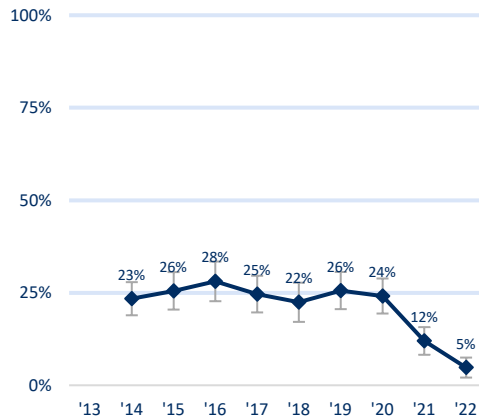
Internship/Field Experience

(Done or in progress)



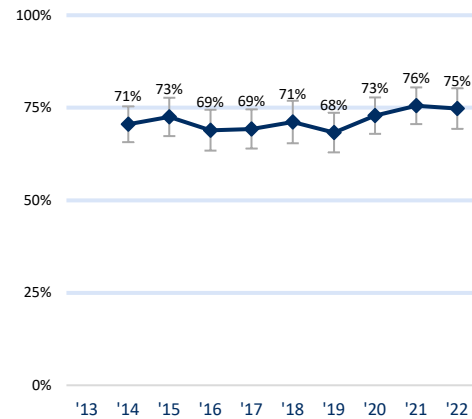
Study Abroad

(Done or in progress)



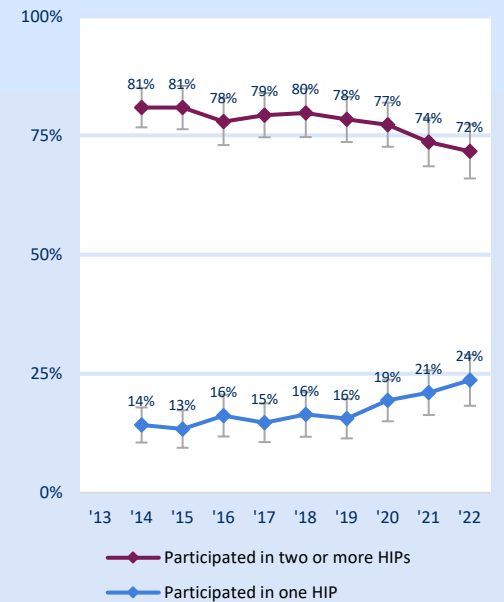
Culminating Senior Experience

(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 2022 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	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
<i>Academic Challenge</i>																					
Higher-Order Learning	Mean	39.0	37.8	38.2	36.4	35.5	34.6	37.5	36.3	36.8	40.6	41.9	39.9	39.1	39.7	38.4	39.8	38.8	40.0		
	n	458	381	379	401	300	391	373	275	215	363	298	298	321	257	298	324	307	257		
	SD	13.8	13.2	12.4	12.5	12.2	12.3	12.5	13.1	12.1	13.4	13.0	12.7	12.4	12.6	12.8	12.3	12.0	12.4		
	SE	.64	.68	.64	.63	.71	.62	.65	.79	.83	.70	.75	.73	.69	.79	.74	.68	.69	.77		
	CI upper bound	40.3	39.1	39.4	37.6	36.9	35.8	38.8	37.8	38.4	42.0	43.4	41.3	40.5	41.3	39.8	41.1	40.2	41.6		
	CI lower bound	37.7	36.5	36.9	35.1	34.2	33.4	36.2	34.7	35.2	39.2	40.5	38.4	37.8	38.2	36.9	38.4	37.5	38.5		
<hr/>																					
Reflective & Integrative Learning	Mean	35.3	36.4	34.9	35.0	33.7	31.5	34.2	33.3	35.5	37.9	40.3	39.5	38.1	37.8	37.3	37.9	37.3	38.0		
	n	482	397	395	419	314	414	396	292	232	373	309	306	325	264	326	343	322	271		
	SD	11.7	12.4	12.2	11.3	11.0	11.4	11.1	12.2	11.7	11.9	12.6	12.5	12.1	11.7	11.2	11.3	11.9	12.0		
	SE	.53	.62	.62	.55	.62	.56	.56	.72	.77	.61	.71	.71	.67	.72	.62	.61	.66	.73		
	CI upper bound	36.4	37.6	36.1	36.1	34.9	32.6	35.3	34.7	37.0	39.1	41.7	40.9	39.4	39.2	38.5	39.1	38.6	39.4		
	CI lower bound	34.3	35.2	33.6	34.0	32.5	30.4	33.1	31.9	34.0	36.7	38.9	38.1	36.7	36.3	36.1	36.7	36.0	36.6		
<hr/>																					
Learning Strategies	Mean	40.4	39.8	39.8	38.1	35.7	35.7	38.5	36.1	36.3	38.6	38.6	39.3	36.7	36.9	36.7	36.9	35.2	37.7		
	n	419	361	344	356	283	372	356	262	205	341	282	269	295	243	293	312	292	242		
	SD	13.7	13.7	13.3	13.0	13.4	13.2	12.8	13.6	13.1	13.9	14.7	13.8	13.0	13.9	13.1	14.0	13.8	14.3		
	SE	.67	.72	.72	.69	.80	.68	.68	.84	.91	.76	.88	.84	.76	.89	.76	.79	.81	.92		
	CI upper bound	41.7	41.3	41.2	39.5	37.2	37.1	39.9	37.7	38.1	40.1	40.3	40.9	38.2	38.6	38.2	38.5	36.8	39.5		
	CI lower bound	39.1	38.4	38.4	36.8	34.1	34.4	37.2	34.4	34.5	37.2	36.9	37.6	35.2	35.1	35.2	35.3	33.7	35.9		
<hr/>																					
Quantitative Reasoning	Mean	28.1	28.1	25.3	26.4	25.2	24.6	28.9	28.1	29.9	29.7	31.8	31.9	30.5	30.1	29.4	30.3	28.7	28.8		
	n	455	386	378	401	289	382	361	266	209	370	299	299	313	249	293	315	294	250		
	SD	16.6	16.6	15.6	14.2	13.9	14.7	14.2	15.7	14.6	15.7	17.6	17.3	16.4	16.9	16.5	16.7	16.1	15.5		
	SE	.78	.84	.80	.71	.82	.75	.75	.97	1.01	.82	1.02	1.00	.93	1.07	.96	.94	.94	.98		
	CI upper bound	29.6	29.8	26.8	27.8	26.8	26.1	30.3	30.0	31.9	31.3	33.8	33.8	32.3	32.2	31.3	32.2	30.6	30.8		
	CI lower bound	26.5	26.5	23.7	25.0	23.6	23.2	27.4	26.2	27.9	28.1	29.8	29.9	28.7	27.9	27.5	28.5	26.9	26.9		
<hr/>																					
<i>Academic Challenge (additional items)</i>																					
Preparing for Class (hours/week)	Mean	17.0	15.7	17.0	17.9	17.0	16.5	16.9	17.7	16.5	17.3	16.8	17.7	17.0	16.2	16.6	17.3	17.4	17.7		
	n	405	345	320	331	271	359	346	255	197	341	270	254	282	235	286	311	288	239		
	SD	8.3	7.7	8.0	7.8	8.4	8.0	7.7	7.9	7.9	9.0	8.3	8.9	9.0	8.6	8.3	8.5	8.7	8.6		
	SE	.41	.42	.45	.43	.51	.42	.41	.49	.56	.49	.50	.56	.53	.56	.49	.48	.51	.56		
	CI upper bound	17.8	16.5	17.9	18.7	18.0	17.4	17.7	18.6	17.6	18.3	17.8	18.8	18.0	17.3	17.6	18.3	18.4	18.8		
	CI lower bound	16.2	14.9	16.1	17.0	15.9	15.7	16.1	16.7	15.4	16.4	15.8	16.6	16.0	15.1	15.7	16.4	16.4	16.6		
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Course Reading Est. hrs per week calculated from two items.	Mean	8.5	7.3	8.1	8.4	7.5	7.5	7.5	7.1	6.8	8.9	8.5	8.5	8.2	7.8	8.6	7.7	7.7	7.9		
	n	397	340	319	329	268	359	345	253	192	336	268	254	278	234	284	311	286	237		
	SD	6.3	5.6	6.2	5.9	5.9	5.8	5.4	5.6	5.9	6.7	6.4	7.1	6.5	6.0	6.6	5.9	6.2	6.4		
	SE	.32	.30	.35	.33	.36	.31	.29	.35	.42	.37	.39	.44	.39	.39	.39	.33	.37	.41		
	CI upper bound	9.1	7.9	8.8	9.0	8.2	8.1	8.0	7.8	7.6	9.6	9.3	9.4	9.0	8.5	9.3	8.4	8.4	8.7		
	CI lower bound	7.9	6.7	7.4	7.7	6.8	6.9	6.9	6.4	6.0	8.2	7.7	7.7	7.4	7.0	7.8	7.1	7.0	7.1		

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).

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Detailed Statistics: Engagement Indicators and Additional Items

Truman State University

		First-year students									Seniors										
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
<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	42.8	70.7	80.4	75.1	76.3	73.0	81.9	87.1	79.8	65.0		
Estimated number of pages calculated from three survey questions.	<i>n</i>	394	343	330	358	289	377	356	261	205	332	270	262	293	245	293	313	293	245		
	<i>SD</i>	48.2	39.1	48.2	50.1	44.8	36.9	49.5	60.0	48.4	62.5	63.3	58.3	70.7	61.1	87.7	75.4	82.8	67.1		
	<i>SE</i>	2.43	2.11	2.65	2.65	2.64	1.90	2.62	3.71	3.38	3.43	3.86	3.60	4.13	3.90	5.13	4.26	4.84	4.29		
	<i>CI upper bound</i>	47.3	43.9	43.9	42.0	44.5	38.3	49.8	50.7	49.4	77.4	88.0	82.1	84.4	80.7	92.0	95.4	89.3	73.4		
	<i>CI lower bound</i>	37.8	35.7	33.5	31.6	34.2	30.9	39.5	36.1	36.2	64.0	72.9	68.0	68.2	65.4	71.9	78.7	70.3	56.6		
Course Challenge	<i>Mean</i>	5.6	5.6	5.6	5.6	5.5	5.3	5.4	5.3	5.4	5.6	5.6	5.7	5.5	5.4	5.4	5.5	5.2	5.4		
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	204	345	286	274	295	239	294	313	291	241		
	<i>SD</i>	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.2	1.1	1.2	1.0	1.0	1.2	1.3	1.2	1.1	1.2	1.2		
	<i>SE</i>	.05	.06	.06	.06	.07	.05	.06	.07	.08	.06	.06	.06	.07	.08	.07	.06	.07	.08		
	<i>CI upper bound</i>	5.7	5.7	5.7	5.7	5.6	5.4	5.6	5.4	5.5	5.7	5.7	5.8	5.7	5.5	5.5	5.6	5.3	5.6		
	<i>CI lower bound</i>	5.5	5.5	5.5	5.5	5.3	5.2	5.3	5.1	5.2	5.4	5.5	5.6	5.4	5.2	5.2	5.4	5.0	5.3		
Academic Emphasis	<i>Mean</i>	3.5	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.2	3.5	3.6	3.6	3.5	3.6	3.6	3.6	3.6	3.6		
Perceived inst'l emphasis on spending significant time studying and on academic work (1 = "Very little" to 4 = "Very much").	<i>n</i>	406	347	325	333	274	366	351	260	200	344	271	262	285	241	288	312	290	240		
	<i>SD</i>	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6		
	<i>SE</i>	.03	.03	.04	.03	.04	.03	.04	.05	.05	.03	.04	.04	.04	.04	.03	.03	.04	.04		
	<i>CI upper bound</i>	3.5	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.6	3.7		
	<i>CI lower bound</i>	3.4	3.5	3.4	3.4	3.4	3.4	3.3	3.3	3.1	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.5	3.5		
<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	32.0	35.5	36.4	37.9	35.3	36.7	37.2	36.1	32.4	34.3		
	<i>n</i>	500	405	413	441	328	446	414	320	250	383	322	321	339	283	342	369	336	296		
	<i>SD</i>	13.1	13.5	13.0	12.6	13.1	13.3	13.3	13.8	14.1	13.9	13.5	12.7	13.7	13.3	13.1	12.8	13.4	14.5		
	<i>SE</i>	.58	.67	.64	.60	.72	.63	.65	.77	.89	.71	.75	.71	.75	.79	.71	.67	.73	.84		
	<i>CI upper bound</i>	35.1	36.6	36.4	35.5	34.1	34.9	36.3	30.1	33.7	36.9	37.9	39.3	36.8	38.3	38.6	37.4	33.9	36.0		
	<i>CI lower bound</i>	32.8	34.0	33.9	33.2	31.3	32.5	33.7	27.0	30.2	34.1	34.9	36.5	33.9	35.2	35.8	34.8	31.0	32.7		
Discussions with Diverse Others	<i>Mean</i>	41.2	43.6	41.7	41.4	41.9	39.5	40.2	36.1	39.7	41.3	41.2	40.5	41.8	40.1	40.7	39.3	37.6	39.1		
	<i>n</i>	423	365	355	359	285	377	356	264	205	348	286	272	294	244	297	316	289	243		
	<i>SD</i>	14.4	14.4	14.4	13.5	12.6	14.5	14.1	14.5	13.4	14.0	14.3	13.4	13.5	13.7	13.3	13.2	13.1	13.6		
	<i>SE</i>	.70	.76	.76	.71	.75	.74	.75	.90	.94	.75	.85	.81	.79	.88	.77	.74	.77	.87		
	<i>CI upper bound</i>	42.6	45.0	43.2	42.8	43.3	41.0	41.7	37.9	41.5	42.8	42.9	42.0	43.4	41.8	42.2	40.7	39.1	40.8		
	<i>CI lower bound</i>	39.9	42.1	40.2	40.0	40.4	38.1	38.7	34.4	37.9	39.8	39.6	38.9	40.3	38.4	39.2	37.8	36.1	37.4		

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).

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Detailed Statistics: Engagement Indicators and Additional Items

Truman State University

		First-year students									Seniors										
		'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
<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	20.3		28.0	28.3	28.6	27.9	28.0	27.1	27.8	24.0	25.7
	<i>n</i>		464	385	383	408	308	397	386	280	226		360	305	296	323	262	316	328	313	262
	<i>SD</i>		13.1	13.3	13.4	13.3	11.4	12.7	13.2	13.1	14.1		15.3	15.3	15.1	14.7	14.6	15.1	14.3	14.2	14.7
	<i>SE</i>		.61	.68	.69	.66	.65	.64	.67	.78	.94		.81	.88	.88	.82	.90	.85	.79	.81	.91
	<i>CI upper bound</i>		22.3	21.9	22.3	21.3	19.1	20.1	22.8	19.8	22.1		29.6	30.0	30.3	29.5	29.7	28.8	29.3	25.5	27.4
<i>CI lower bound</i>		19.9	19.2	19.6	18.7	16.5	17.6	20.2	16.7	18.4		26.4	26.6	26.9	26.3	26.2	25.4	26.2	22.4	23.9	
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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	37.0		41.7	41.8	41.9	40.2	41.7	39.5	40.9	38.2	40.7
	<i>n</i>		466	389	385	405	298	388	373	275	217		372	304	302	320	254	302	321	304	256
	<i>SD</i>		12.4	12.6	12.0	11.5	12.2	12.8	12.1	12.9	12.0		12.1	12.2	11.8	11.5	12.0	12.1	12.5	12.9	12.6
	<i>SE</i>		.58	.64	.61	.57	.71	.65	.63	.78	.81		.63	.70	.68	.64	.75	.70	.70	.74	.79
	<i>CI upper bound</i>		41.0	41.3	40.6	38.8	38.6	38.0	38.4	38.4	38.6		43.0	43.1	43.3	41.5	43.1	40.9	42.3	39.6	42.2
<i>CI lower bound</i>		38.7	38.8	38.2	36.6	35.8	35.4	35.9	35.3	35.4		40.5	40.4	40.6	38.9	40.2	38.2	39.5	36.7	39.2	
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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	39.5		44.6	43.7	44.4	42.4	40.9	41.2	41.9	40.3	40.9
	<i>n</i>		415	355	342	341	268	362	338	255	197		338	283	270	287	237	288	310	282	237
	<i>SD</i>		10.3	9.8	9.2	11.3	11.0	10.7	10.0	10.5	10.1		9.3	9.6	9.5	10.3	10.6	10.4	9.5	11.0	11.5
	<i>SE</i>		.50	.52	.50	.61	.67	.56	.54	.66	.72		.50	.57	.58	.61	.69	.62	.54	.65	.75
	<i>CI upper bound</i>		45.6	45.6	45.6	44.0	42.1	42.3	43.4	41.0	40.9		45.6	44.8	45.6	43.6	42.2	42.4	42.9	41.6	42.4
<i>CI lower bound</i>		43.6	43.6	43.7	41.6	39.5	40.1	41.3	38.4	38.1		43.6	42.6	43.3	41.2	39.5	39.9	40.8	39.1	39.5	
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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	31.6		35.9	36.1	35.5	32.7	29.7	29.3	29.0	26.8	29.4
	<i>n</i>		401	347	320	331	272	364	349	256	199		339	269	255	282	237	286	312	290	240
	<i>SD</i>		12.5	12.1	12.4	11.5	12.6	11.4	12.4	13.0	12.0		11.6	13.0	12.1	11.6	12.5	11.8	12.1	13.0	13.0
	<i>SE</i>		.62	.65	.69	.63	.77	.60	.66	.81	.85		.63	.79	.76	.69	.81	.70	.69	.76	.84
	<i>CI upper bound</i>		40.5	41.3	38.9	37.8	34.8	31.4	33.7	31.6	33.2		37.1	37.7	37.0	34.1	31.3	30.6	30.4	28.3	31.0
<i>CI lower bound</i>		38.0	38.8	36.2	35.4	31.8	29.1	31.1	28.4	29.9		34.6	34.5	34.0	31.4	28.1	27.9	27.7	25.3	27.7	

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	'22	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22
Service-Learning^a	%	37	46	44	47	41	48	57	77	79	62	61	63	58	59	62	57	55	63		
	n	420	366	349	351	283	368	351	260	202	345	285	272	290	237	291	314	290	240		
	SE	2.4	2.6	2.7	2.7	2.9	2.6	2.6	2.6	2.9	2.6	2.9	2.9	2.9	3.2	2.9	2.8	2.9	3.1		
	CI upper bound (%)	42	51	50	52	47	53	63	82	85	67	67	68	64	65	67	63	61	69		
	CI lower bound (%)	33	41	39	42	35	42	52	72	73	57	55	57	52	53	56	52	49	57		
Learning Community^a	%	8	10	10	9	6	7	7	7	4	22	23	24	26	21	21	19	17	22		
	n	420	365	348	351	282	370	352	259	201	346	285	272	291	241	293	315	291	242		
	SE	1.4	1.6	1.6	1.5	1.4	1.3	1.3	1.6	1.3	2.2	2.5	2.6	2.6	2.6	2.4	2.2	2.2	2.6		
	CI upper bound (%)	11	13	13	12	9	9	9	10	6	26	28	29	31	26	26	24	21	27		
	CI lower bound (%)	6	7	7	6	3	4	4	4	1	18	18	19	21	16	16	15	12	16		
Research with Faculty^a	%	6	5	8	2	4	4	4	8	8	42	38	42	38	38	34	33	32	33		
	n	419	366	347	351	281	371	352	260	202	342	285	269	292	241	290	315	291	242		
	SE	1.1	1.2	1.5	0.8	1.1	1.0	1.1	1.6	1.9	2.7	2.9	3.0	2.8	3.1	2.8	2.7	2.7	3.0		
	CI upper bound (%)	8	8	11	4	6	5	6	11	12	48	44	48	44	44	40	38	37	39		
	CI lower bound (%)	3	3	5	1	1	2	2	4	4	37	33	36	33	32	29	28	27	27		
Internship or Field Experience^b (First-year results: Plan to do)	%	81	84	79	82	81	78	78	76	68	59	57	56	55	59	56	51	49	46		
	n	428	368	351	355	283	372	355	261	203	346	285	271	291	242	294	315	291	242		
	SE	1.9	1.9	2.2	2.0	2.3	2.2	2.2	2.7	3.3	2.6	2.9	3.0	2.9	3.2	2.9	2.8	2.9	3.2		
	CI upper bound (%)	85	87	84	86	86	82	82	81	74	64	63	62	61	66	62	57	55	53		
	CI lower bound (%)	78	80	75	79	77	73	74	70	61	54	52	51	50	53	51	46	43	40		
Study Abroad^b (First-year results: Plan to do)	%	45	45	44	47	37	41	38	35	25	23	26	28	25	22	26	24	12	5		
	n	424	364	350	352	282	369	355	261	201	344	286	271	291	239	291	315	291	241		
	SE	2.4	2.6	2.7	2.7	2.9	2.6	2.6	2.9	3.0	2.3	2.6	2.7	2.5	2.7	2.6	2.4	1.9	1.4		
	CI upper bound (%)	50	50	49	52	43	46	44	40	31	28	31	33	30	28	31	29	16	7		
	CI lower bound (%)	40	40	39	42	32	36	33	29	19	19	20	23	20	17	21	19	8	2		
Culminating Senior Experience^b (First-year results: Plan to do)	%	78	82	76	78	76	74	78	75	75	71	73	69	69	71	68	73	76	75		
	n	421	365	350	352	283	368	352	261	202	343	287	271	292	240	292	315	290	241		
	SE	2.0	2.0	2.3	2.2	2.5	2.3	2.2	2.7	3.1	2.5	2.6	2.8	2.7	2.9	2.7	2.5	2.5	2.8		
	CI upper bound (%)	82	86	81	82	81	79	82	81	81	75	78	74	75	77	74	78	81	80		
	CI lower bound (%)	74	78	72	73	71	70	73	70	69	66	67	63	64	65	63	68	71	69		
Overall HIP Participation^c																					
Participated in one HIP	%	34	43	39	50	41	47	53	68	72	14	13	16	15	16	16	19	21	24		
	n	430	368	350	355	283	372	355	261	202	346	287	272	292	242	294	315	291	242		
	SE	2.3	2.6	2.6	2.7	2.9	2.6	2.7	2.9	3.2	1.9	2.0	2.2	2.1	2.4	2.1	2.2	2.4	2.7		
	CI upper bound (%)	39	48	44	55	47	52	58	74	78	18	17	21	19	21	20	24	26	29		
	CI lower bound (%)	30	37	34	44	35	42	47	63	66	11	9	12	11	12	11	15	16	18		
Participated in two or more HIPs	%	8	9	11	4	5	5	7	11	9	81	81	78	79	80	78	77	74	72		
	n	430	368	350	355	283	372	355	261	202	346	287	272	292	242	294	315	291	242		
	SE	1.3	1.5	1.7	1.0	1.3	1.1	1.3	1.9	2.0	2.1	2.3	2.5	2.4	2.6	2.4	2.4	2.6	2.9		
	CI upper bound (%)	10	12	14	6	7	7	9	15	13	85	85	83	84	85	83	82	79	77		
	CI lower bound (%)	5	6	8	2	2	3	4	7	5	77	76	73	75	75	74	73	69	66		

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.