

2022 NSSE Comparison Report for First-Year Students

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This report highlights data pulled from the 2022 NSSE Report for First-Year Students at Sam Houston State University. These data were selected because of their alignment with the six Core Learning Objectives identified by the Texas Higher Education Coordinating Board (THECB, 2022). These six objectives include:

- Critical Thinking Skills creative thinking, innovation, inquiry and analysis, evaluation, and synthesis of information
- **Communication Skills** effective development, interpretation, and expression of ideas through written, oral, and visual communication
- Empirical and Quantitative Skills manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- **Teamwork** ability to consider different points of view and to work effectively with others to support a shared purpose or goal
- **Social Responsibility** intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities
- **Personal Responsibility** ability to connect choices, actions, and consequences to ethical decision-making

The scores of first-year SHSU students presented in this report are compared to those of three different comparison groups:

- NSSE-participating institutions that were also within our Integrated Postsecondary Education Data System (IPEDS) comparison group
- NSSE-participating Texas public institutions
- NSSE-participating institutions with the following characteristics similar to SHSU: high or very high research, public four-year, full-time or medium full-time, inclusive, higher transfer-in, medium or large enrollment, and primarily nonresidential. This group was created in partnership with the Office of Research and Sponsored Programs.

The scores presented within this report are based on a 4-point Likert scale, unless otherwise noted. All average scores, measurements of statistical significance, and calculations of effect sizes presented in this report came directly from the NSSE 2022 Frequencies and Statistical Comparisons report. Effect sizes are only reported here when differences in scores were statistically significant.

References

Texas Higher Education Coordinating Board. (2022). Texas Core Curriculum. Retrieved from: https://www.highered.texas.gov/institutional-resources-programs/public-universities-health-related-institutions/transfer-resources/texas-core-curriculum-tcc/

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NSSE Items	SHSU Mean	IPEDS Comparison Group	Effect Size	Texas Public Group	Effect Size	Research Group	Effect Size			
Critical Thinking Attainment Target										
During the current school year, about how often have you done the following?										
2a. Combined ideas from different courses when completing assignments	2.56	2.52		2.47*	.10	2.49*	.09			
2d. Examined the strengths and weaknesses of your own views on a topic or issue	2.80	2.73		2.76		2.75				
2e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	2.94	2.90		2.91		2.94				
2f. Learned something that changed the way you understand an issue or concept	2.83	2.79		2.81		2.83				
2g. Connected ideas from your courses to your prior experiences and knowledge	2.99	2.99		2.96		3.00				
4b. Applying facts, theories, or methods to practical problems or new situations	2.85	2.84		2.81		2.82				
4c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	2.88	2.83		2.82		2.84				
4d. Evaluating a point of view, decision, or information source	2.87	2.82		2.86		2.87				
4e. Forming a new idea or understanding from various pieces of information	2.92	2.83**	.12	2.86		2.88				
9a. Identified key information from reading assignments	2.91	2.87		2.87		2.92				
How much has your experience at this institution contributed to	your kno	wledge, skills, j	personal	developme	nt in the f	ollowing area	s?			
18c. Thinking critically and analytically	3.12	3.01**	.14	3.03*	.11	3.06				
18i. Solving complex real-world problems	2.68	2.57*	.12	2.61		2.61				
		nment Target								
During the current school year, about how often have you done the	he follow									
1f. Given a course presentation	2.02	2.01		2.00		2.09				
9c. Summarized what you learned in class or from course materials	2.90	2.78**	.13	2.79*	.12	2.79*	.12			
How much has your experience at this institution contributed to					pment in 1		?			
18a. Writing clearly and effectively	2.85	2.69***	.19	2.79		2.82				
18b. Speaking clearly and effectively	2.72	2.57***	.16	2.67		2.73				
During the current school year, about how many papers, reports	, or othe	r writing tasks	of the fo	llowing leng	gth have y	ou been assig	ned?			
(Include those not yet completed)	T	1			1 .					
7a. Up to 5 pages	5.21	5.99**	14	5.31		5.69				
7b. Between 6 and 10 pages	2.31	2.04		1.96		2.18				
7c. 11 pages or more	1.41	0.93**	.16	1.06*	.11	1.04*	.11			

Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.) 2.56 2.60 2.60 2.55	Estimated number of assigned pages of student writing	54.29	47.71		46.94		49.65			
Puring the current school year, about how often have you done the following?		1		Target	1 1 1 1 1 1					
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	During the current school year, about how often have you done the following?									
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	6a. Reached conclusions based on your own analysis of numerical	2.56	2.60		2.60		2.55			
issue (unemployment, climate change, public health, etc.) c. Evaluated what others have concluded from numerical information Low much has your experience at this institution contributed to your knowledge, skills, and personal development in the following? Red. Analyzing numerical and statistical information 2.68 2.08 2.73 2.71 Teamwork Attainment Target During the current school year, about how often have you done the following? d. Prepared for exams by discussing or working through course material with other students on course projects or assignments e. Worked with other students on course projects or assignments e. Working effectively with others 2.86 2.69*** 1.15 2.44*** 1.15 2.44*** 1.15 2.40*** 1.19 Low much has your experience at this institution contributed to your knowledge, skills, and personal development in the following? Personal Responsibility Attainment Target Low much has your experience at this institution contributed to your knowledge, skills, and personal development in the following? By Developing or clarifying a personal code of values and ethics E. Consecution of the following? Low much has your experience at this institution contributed to your knowledge, skills, and personal development in the following? By Developing or clarifying a personal code of values and ethics E. Consecution of the following? Low much has your experience at this institution contributed to your knowledge, skills, and personal development in the following? Low much has your experience at this institution contributed to your knowledge, skills, and personal development in the following? Low much has your experience at this institution contributed to your knowledge, skills, and personal development in the following? Low much has your development in the fol	· · · · · · · · · · · · · · · · · · ·									
c. Evaluated what others have concluded from numerical information	6b. Used numerical information to examine a real-world problem or	2.37	2.34		2.38		2.32			
Information	issue (unemployment, climate change, public health, etc.)									
Second Responsibility Attainment Target Second Responsibility Attain	6c. Evaluated what others have concluded from numerical	2.33	2.33		2.33		2.27			
Real	information									
Teamwork Attainment Target Puring the current school year, about how often have you done the following?	How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following?									
A compared for exams by discussing or working through course material with other students 2.41 2.25*** 1.6 2.25*** 1.7 2.11*** 32 32 32 32 33 33 33	18d. Analyzing numerical and statistical information	2.68	2.68		2.73		2.71			
d. Prepared for exams by discussing or working through course material with other students 2.41 2.25*** .16 2.25*** .17 2.11*** .32										
material with other students e. Worked with other students on course projects or assignments e. Worked with other students on course projects or assignments e. Worked with other students on course projects or assignments e. Worked with other students on course projects or assignments e. Worked with other students on course projects or assignments Personal Responsibility Attainment Target In the following of the personal development in the following? Personal Responsibility Attainment Target In the following or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8g. Developing or clarifying a personal code of values and ethics 8	During the current school year, about how often have you done the following?									
8f. Working effectively with others 2.86 2.69*** 19 2.74** 13 2.75** .12 Personal Responsibility Attainment Target Wow much has your experience at this institution contributed to your knowledge, skills, and personal development in the following? Now much has your experience at this institution contributed to your knowledge, skills, and personal development in the following? Social Responsibility Attainment Target Social Responsibility Attainment Target During the current school year, about how often have you done the following? b. Connected your learning to societal problems or issues c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments 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 3.19 2.87*** 35 2.88*** 32 2.81*** .40 b. People from an economic background other than your own 3.10 2.90*** .22 2.85*** .27 2.76*** .38 c. People with religious beliefs other than your own 2.93 2.86 2.79** .14 2.69*** .24 d. People with political views other than your own 2.95 2.87 2.74*** .22 2.65*** .31 e. People with a sexual orientation other than your own 2.95 2.79*** .17 2.69*** .27 2.65*** .31 f. People from a country other than your own 2.44 2.41 2.57** .13 2.38 low much does your institution emphasize the following? 4d. Encouraging contact among students from different 2.83 2.62*** .22 2.70** .14 2.65*** .19	1d. Prepared for exams by discussing or working through course material with other students	2.41	2.25***	.16	2.25***	.17	2.11***	.32		
Personal Responsibility Attainment Target Image: Comparison of the current school year, about how often have you done the following?	1e. Worked with other students on course projects or assignments	2.57	2.44***	.15	2.44***	.15	2.40***	.19		
Personal Responsibility Attainment Target	How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following?									
Row much has your experience at this institution contributed to your knowledge, skills, and personal development in the following? 8g. Developing or clarifying a personal code of values and ethics 8j. Being an informed and active citizen 2.65 2.57 2.65 2.65 2.62 Social Responsibility Attainment Target During the current school year, about how often have you done the following? b. Connected your learning to societal problems or issues 2.58 2.51 2.49* 0.9 2.50* 0.9 2.50* 0.9 c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments 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 3.19 2.87*** 35 2.88*** 32 2.81*** 40 b. People from an economic background other than your own 3.10 2.90*** 2.93 2.86 2.79** 1.4 2.69*** 2.74*** 2.2 2.65*** 3.1 2.76*** 3.8 d. People with political views other than your own 2.93 2.87 2.74*** 2.74*** 2.74*** 2.75** 3.10 2.75** 3.10 3.1	18f. Working effectively with others	2.86	2.69***	.19	2.74**	.13	2.75**	.12		
8g. Developing or clarifying a personal code of values and ethics 2.68 2.57* .12 2.67 2.66 8j. Being an informed and active citizen 2.65 2.57 2.65 2.62 Social Responsibility Attainment Target During the current school year, about how often have you done the following? b. Connected your learning to societal problems or issues 2.58 2.51 2.49* .09 2.50* .09 c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments 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 3.19 2.87*** .35 2.88*** .32 2.81*** .40 b. People from an economic background other than your own 3.10 2.90*** .22 2.85*** .27 2.76*** .38 c. People with religious beliefs other than your own 2.93 2.86 2.79** .14 2.69*** .24 d. People with political views other than your own 2.95 2.87 2.74*** .22 2.65*** .31 e. People with a sexual orientation other than your own 2.95 2.79*** .17 2.69*** .27 2.65*** .31 f. People from a country other than your own 2.44 2.41 2.57** 13 2.38 low much does your institution emphasize the following? 4d. Encouraging contact among students from different 2.83 2.62*** .22 2.70** .14 2.65*** .19	Personal Respons	sibility A	ttainment Tarş	get						
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Social Responsibility Attainment Target During the current school year, about how often have you done the following? b. Connected your learning to societal problems or issues c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments 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 b. People from an economic background other than your own c. People with religious beliefs other than your own 2.93 2.87 2.88*** 2.20 2.85*** 2.79*** 3.14 2.69*** 2.40 2.69*** 2.40 2.69*** 2.41 2.57** 3.11 2.69*** 2.40 2.65*** 3.11 3.19 3.10	18g. Developing or clarifying a personal code of values and ethics	2.68	2.57*	.12	2.67		2.66			
b. Connected your learning to societal problems or issues c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments 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 b. People from an economic background other than your own c. People with religious beliefs other than your own d. People with political views other than your own 2.93 2.87*** 2.20 2.88*** 2.70 2.76*** 2.88 2.70** 1.14 2.69*** 2.15 2.51*** 1.10 2.54* 2.88 2.8	18j. Being an informed and active citizen	2.65	2.57		2.65		2.62			
b. Connected your learning to societal problems or issues c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments 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 b. People from an economic background other than your own c. People with religious beliefs other than your own d. People with political views other than your own 2.93 2.87*** 2.20 2.88*** 2.70 2.76*** 2.86 2.79** 2.74*** 2.20 2.65*** 2.10 2.54* 2.	Social Responsi	bility At	tainment Targe	et						
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments 2.63 2.51*** .14 2.54* .10 2.54* .10	During the current school year, about how often have you done the	he follow	ing?							
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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 b. People from an economic background other than your own c. People with religious beliefs other than your own d. People with political views other than your own e. People with a sexual orientation other than your own f. People from a country other than your own 2.95 2.87 2.76*** 2.86 2.79*** 2.14 2.69*** 2.17 2.65*** 3.11 2.87 3.12 3.12 3.13 3.14 3.15 3.15 3.15 3.16 3.16 3.17 3.17 3.17 3.18 3.18 3.18 3.19 3.19 3.10 3.1	2c. Included diverse perspectives (political, religious, racial/ethnic,	2.63	2.51***	.14	2.54*	.10	2.54*	.10		
a. People of a race or ethnicity other than your own b. People from an economic background other than your own c. People with religious beliefs other than your own d. People with political views other than your own 2.93 2.86 2.79** 2.76*** 2.2 2.85*** 2.76*** 3.8 2.89*** 2.79** 3.1 2.69*** 3.1 2.69*** 3.1 2.65*** 3.1 3.1 3.10 3.10 3.10 3.10 3.10 3.10 3	gender, etc.) in course discussions or assignments									
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c. People with religious beliefs other than your own d. People with political views other than your own 2.93 2.86 2.79** 2.74*** 2.2 2.65*** 31 e. People with a sexual orientation other than your own 2.95 2.79*** 17 2.69*** 2.74*** 2.2 2.65*** 31 f. People from a country other than your own 2.44 2.41 2.57** 3.1 Low much does your institution emphasize the following? 4d. Encouraging contact among students from different 2.83 2.62*** 2.70** 1.14 2.65*** 1.19										
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e. People with a sexual orientation other than your own f. People from a country other than your own 2.95 2.79*** 17 2.69*** 2.7 2.65*** 31 2.38 Low much does your institution emphasize the following? 4d. Encouraging contact among students from different 2.83 2.62*** 2.70** 14 2.65*** 19	8c. People with religious beliefs other than your own									
f. People from a country other than your own 2.44 2.41 2.57** 13 2.38 Iow much does your institution emphasize the following? 4d. Encouraging contact among students from different 2.83 2.62*** 2.2 2.70** .14 2.65*** .19	8d. People with political views other than your own	2.95	2.87			.22	2.65***	.31		
Iow much does your institution emphasize the following? 4d. Encouraging contact among students from different 2.83 2.62*** .22 2.70** .14 2.65*** .19	8e. People with a sexual orientation other than your own	2.95	2.79***	.17	2.69***	.27	2.65***	.31		
4d. Encouraging contact among students from different 2.83 2.62*** .22 2.70** .14 2.65*** .19	8f. People from a country other than your own	2.44	2.41		2.57**	13	2.38			
	How much does your institution emphasize the following?									
backgrounds (social, racial/ethnic, religious, etc.)	14d. Encouraging contact among students from different	2.83	2.62***	.22	2.70**	.14	2.65***	.19		
	backgrounds (social, racial/ethnic, religious, etc.)									
4i. Attending events that address important social, economic, or political issues 2.48 2.35** 1.13 2.40 2.31*** 1.16	14i. Attending events that address important social, economic, or political issues	2.48	2.35**	.13	2.40		2.31***	.16		
bout how many hours do you spend in a typical 7-day week doing the following?		ng the fol	llowing?							

16e. Doing community service or volunteer work	2.93	2.05***	.20	2.30*	.13	1.91***	.22
How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following?							
18h. Understanding people of other backgrounds (economic,	2.86	2.70***	.18	2.81		2.82	
racial/ethnic, political, religious, nationality, etc.)							
18j. Being an informed and active citizen	2.65	2.57		2.65		2.62	

Note. 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). Where statistically significant differences were observed, effect sizes are provided to help judge the practical meaning of the differences. Effect sizes of less than 0.20 are considered trivial, 0.20 - 0.49 are considered small, 0.50 - 0.79 are considered moderate, and 0.80 and higher are considered large.