

**Clayton State University NSSE 2019 Statistical Comparisons**

Item wording or description	Variable name <sup>c</sup>		Clayton State students compared with									
			Clayton State	Southeast Public			Carnegie Class			NSSE 2018 & 2019		
			Mean	Mean	Significant	Effect size <sup>e</sup>	Mean	Significant	Effect size <sup>e</sup>	Mean	Significant	Effect size <sup>e</sup>
<b>1. During the current school year, about how often have you done the following?</b>												
a. Asked questions or contributed to course discussions in other ways	askquest	First Year Students	2.9	2.8		.11	2.9		.01	2.8		.06
		Seniors	3.3	3.1	Δ	.23	3.2		.12	3.1	Δ	.23
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	First Year Students	2.7	2.4	Δ	.29	2.5	Δ	.24	2.5	Δ	.26
		Seniors	2.6	2.4	Δ	.21	2.4	Δ	.20	2.4	Δ	.23
c. Come to class without completing readings or assignments	unpreparedr	First Year Students	3.2	3.0		.19	3.1		.13	3.0		.16
		Seniors	3.0	3.0		-.01	3.1		-.07	3.0		-.01
d. Attended an art exhibit, play, or other arts performance (dance, music, etc.)	attendart	First Year Students	1.6	1.9	▼	-.34	1.9	▼	-.33	1.9	▼	-.31
		Seniors	1.7	1.8		-.12	1.8	▼	-.18	1.8		-.15
e. Asked another student to help you understand course material	CLaskhelp	First Year Students	2.5	2.7	▼	-.23	2.6		-.20	2.6		-.16
		Seniors	2.2	2.5	▼	-.36	2.5	▼	-.37	2.4	▼	-.27
f. Explained course material to one or more students	CLexplain	First Year Students	2.6	2.8		-.21	2.7		-.17	2.7		-.13
		Seniors	2.5	2.8	▼	-.30	2.8	▼	-.30	2.7	▼	-.18
g. Prepared for exams by discussing or working through course material with other students	CLstudy	First Year Students	2.2	2.6	▼	-.37	2.6	▼	-.37	2.5	▼	-.32
		Seniors	2.3	2.6	▼	-.24	2.6	▼	-.23	2.4		-.12
h. Worked with other students on course projects or assignments	CLproject	First Year Students	2.4	2.7	▼	-.25	2.7	▼	-.31	2.6		-.21
		Seniors	2.7	2.9	▼	-.20	2.9	▼	-.23	2.8		-.11
i. Given a course presentation	present	First Year Students	2.1	2.3		-.16	2.4	▼	-.34	2.3		-.21
		Seniors	2.5	2.7	▼	-.20	2.9	▼	-.37	2.7		-.16
<b>2. During the current school year, about how often have you done the following?</b>												
a. Combined ideas from different courses when completing assignments	RIintegrate	First Year Students	2.5	2.6		-.11	2.6		-.15	2.6		-.14
		Seniors	2.8	2.9		-.16	2.9	▼	-.18	2.9		-.14
b. Connected your learning to societal problems or issues	RIsocietal	First Year Students	2.4	2.5		-.09	2.6		-.15	2.6		-.15
		Seniors	2.8	2.8		.10	2.8		.02	2.8		.07
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or	RIdiverse	First Year Students	2.6	2.5		.12	2.6		.09	2.6		.09
		Seniors	2.7	2.6		.10	2.7		-.05	2.6		.04
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	First Year Students	2.8	2.8		.03	2.8		.03	2.8		.02
		Seniors	3.0	2.8		.15	2.9		.11	2.8		.14
e. Tried to better understand someone else's views by imagining how an issue looks from their perspective	RIperspect	First Year Students	3.0	2.9		.11	2.9		.12	2.9		.10
		Seniors	3.0	3.0		.09	3.0		.05	3.0		.09
f. Learned something that changed the way you understand an issue or concept	RInewview	First Year Students	2.7	2.8		-.18	2.8		-.19	2.9		-.22
		Seniors	3.0	2.9		.13	3.0		.10	3.0		.11
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	First Year Students	2.9	3.0		-.19	3.0		-.20	3.0		-.23
		Seniors	3.2	3.2		.01	3.2		.00	3.2		.00
<b>3. During the current school year, about how often have you done the following?</b>												
a. Talked about career plans with a faculty member	SFcareer	First Year Students	2.2	2.4		-.23	2.4		-.22	2.3		-.15
		Seniors	2.5	2.5		-.06	2.6		-.12	2.5		.01
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFOtherwork	First Year Students	1.5	1.9	▼	-.34	1.9	▼	-.39	1.8	▼	-.31
		Seniors	1.9	2.0	▼	-.18	2.1	▼	-.22	2.0		-.10
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	First Year Students	1.8	2.0	▼	-.27	2.1	▼	-.32	2.0	▼	-.25
		Seniors	2.0	2.2	▼	-.21	2.3	▼	-.27	2.2		-.14
d. Discussed your academic performance with a faculty member	SFperform	First Year Students	2.0	2.2		-.19	2.2		-.20	2.2		-.13
		Seniors	2.3	2.3		-.04	2.4		-.08	2.2		.05
<b>4. During the current school year, how much has your coursework emphasized the following?</b>												
a. Memorizing course material	memorize	First Year Students	2.8	3.0		-.17	2.9		-.09	2.9		-.10
		Seniors	2.9	2.8		.14	2.8	Δ	.19	2.7	Δ	.21
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	First Year Students	2.8	2.9		-.11	2.9		-.05	2.9		-.11
		Seniors	3.1	3.1		.01	3.1		.02	3.1		.04
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	First Year Students	3.0	2.9		.11	2.9		.15	2.9		.09
		Seniors	3.2	3.0		.17	3.0		.18	3.0	Δ	.19
d. Evaluating a point of view, decision, or information source	HOevaluate	First Year Students	3.0	2.9		.17	2.9		.18	2.9		.15
		Seniors	3.1	2.9	Δ	.24	3.0		.19	2.9	Δ	.23
e. Forming a new idea or understanding from various pieces of information	HOform	First Year Students	2.9	2.9		.09	2.9		.09	2.9		.07
		Seniors	3.1	2.9	Δ	.24	3.0	Δ	.22	3.0	Δ	.24
<b>5. During the current school year, to what extent have your instructors done the following?</b>												
a. Clearly explained course goals and requirements	ETgoals	First Year Students	3.1	3.0		.02	3.0		.03	3.1		-.01
		Seniors	3.2	3.2		.11	3.1		.13	3.1		.14
b. Taught course sessions in an organized way	ETorganize	First Year Students	2.9	3.0		-.11	3.0		-.11	3.0		-.14
		Seniors	3.1	3.1		.07	3.1		.08	3.1		.09
c. Used examples or illustrations to explain difficult points	ETexample	First Year Students	3.0	3.0		-.05	3.0		-.04	3.0		-.06
		Seniors	3.1	3.1		.00	3.1		.01	3.1		.03
d. Provided feedback on a draft or work in progress	ETdraftfb	First Year Students	3.0	2.8	Δ	.26	2.8		.22	2.8		.23
		Seniors	2.9	2.8		.14	2.9		.08	2.8		.17
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	First Year Students	2.9	2.7		.21	2.8		.14	2.7		.17
		Seniors	2.8	2.8		-.08	2.9		-.12	2.8		-.05
<b>6. During the current school year, about how often have you done the following?</b>												
a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)	QRconclude	First Year Students	2.6	2.6		.04	2.5		.13	2.6		.09
		Seniors	2.8	2.7		.07	2.6		.15	2.6		.12
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, etc.)	QRproblem	First Year Students	2.4	2.3		.06	2.3		.10	2.3		.08
		Seniors	2.5	2.4		.01	2.4		.05	2.4		.04
c. Evaluated what others have concluded from numerical information	QRevaluate	First Year Students	2.4	2.3		.12	2.3		.19	2.3		.14
		Seniors	2.4	2.4		-.06	2.4		.00	2.4		-.03
<b>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.)</b>												
a. Up to 5 pages	wrshortnum	First Year Students	5.5	5.8		-.07	6.8	▼	-.22	6.6		-.20
		Seniors	7.6	7.0		.09	8.0		-.05	7.7		-.02
b. Between 6 and 10 pages	wrmednum	First Year Students	2.3	2.0		.08	2.4		-.03	2.4		-.03
		Seniors	3.2	3.2		-.01	3.7		-.11	3.7		-.10
c. 11 pages or more	wrlongnum	First Year Students	1.7	.8		.33	1.0		.25	1.0		.26
		Seniors	1.9	1.8		.01	1.9		-.01	2.0		-.03

	Estimated number of assigned pages of student writing.	wrpages	First Year Students	61.2	45.8		.23	53.7		.10	52.7		.12
			Seniors	76.4	74.1		.02	81.8		-.06	81.7		-.05
<b>8. During the current school year, about how often have you had discussions with people from the following groups?</b>													
a.	People of a race or ethnicity other than your own	DDrace	First Year Students	3.0	3.0		-.09	3.0		-.01	3.0		-.08
			Seniors	3.2	3.1		.15	3.0	▲	.23	3.1		.17
b.	People from an economic background other than your own	DDeconomic	First Year Students	2.7	3.0	▼	-.35	3.0	▽	-.28	3.0	▼	-.32
			Seniors	3.2	3.1		.12	3.0		-.19	3.1		-.16
c.	People with religious beliefs other than your own	DDreligion	First Year Students	2.7	2.9	▽	-.27	2.9		-.17	2.9	▽	-.26
			Seniors	3.1	3.0		.13	2.9	▲	.23	3.0		.17
d.	People with political views other than your own	DDpolitical	First Year Students	2.8	3.0		-.21	2.9		-.11	2.9		-.14
			Seniors	3.0	3.0		.01	2.9		.11	2.9		.11
<b>9. During the current school year, about how often have you done the following?</b>													
a.	Identified key information from reading assignments	LSreading	First Year Students	3.1	3.0		.13	3.0		.13	3.0		.10
			Seniors	3.3	3.1	▲	.29	3.1	▲	.27	3.1	▲	.29
b.	Reviewed your notes after class	LSnotes	First Year Students	3.1	2.9		.23	2.9	▲	.28	2.9	▲	.27
			Seniors	3.2	2.9	▲	.37	2.8	▲	.43	2.8	▲	.45
c.	Summarized what you learned in class or from course materials	LSsummary	First Year Students	3.0	2.8		.15	2.8		.20	2.8		.18
			Seniors	3.1	2.9	▲	.25	2.9	▲	.29	2.8	▲	.31
<b>10. During the current school year, to what extent have your courses challenged you to do your best work?</b>													
		challenge	First Year Students	5.6	5.4		.10	5.4		.11	5.4		.10
			Seniors	5.9	5.6	▲	.27	5.6	▲	.28	5.6	▲	.30
<b>11. Which of the following have you done or do you plan to do before you graduate?<sup>f</sup></b>													
a.	Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern	First Year Students	.1	.1		-.06	.1		-.09	.1		-.07
			Seniors	.4	.5		-.18	.5	▽	-.27	.5		-.16
b.	Hold a formal leadership role in a student organization or group	leader	First Year Students	.1	.1		-.22	.1		-.19	.1		-.21
			Seniors	.2	.4	▼	-.44	.4	▼	-.48	.4	▼	-.43
c.	Participate in a learning community or some other formal program where groups of students take two or more courses	learncom	First Year Students	.1	.1		-.27	.1		-.21	.1		-.25
			Seniors	.2	.2		-.09	.3		-.13	.2		-.05
d.	Participate in a study abroad program	abroad	First Year Students	.0	.0		-.08	.0		-.05	.0		-.07
			Seniors	.0	.1	▼	-.50	.1	▼	-.51	.1	▼	-.52
e.	Work with a faculty member on a research project	research	First Year Students	.0	.1		-.18	.0		-.16	.0		-.16
			Seniors	.2	.2		-.16	.2		-.17	.2		-.11
f.	Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)	capstone	First Year Students	.0	.0		-.02	.0		-.02	.0		.00
			Seniors	.3	.5	▼	-.28	.5	▼	-.42	.5	▼	-.27
<b>12. About how many of your courses at this institution have included a community-based project (service-learning)?</b>													
		servcourse	First Year Students	1.5	1.6		-.15	1.7	▼	-.31	1.6		-.17
			Seniors	1.8	1.8		.09	1.9		-.05	1.8		-.12
<b>13. Indicate the quality of your interactions with the following people at your institution.</b>													
a.	Students	QIstudent	First Year Students	5.3	5.4		-.04	5.4		-.03	5.4		-.04
			Seniors	5.8	5.6		.13	5.6		.12	5.6		.15
b.	Academic advisors	QIadvisor	First Year Students	5.1	5.4		-.14	5.3		-.09	5.3		-.11
			Seniors	5.7	5.3	▲	.23	5.4	▲	.18	5.3	▲	.24
c.	Faculty	QIfaculty	First Year Students	5.1	5.3		-.15	5.3		-.16	5.4		-.18
			Seniors	5.6	5.5		.02	5.6		-.03	5.5		.02
d.	Student services staff (career services, student activities, housing, etc.)	QIstaff	First Year Students	5.1	5.1		-.03	5.1		.00	5.1		-.01
			Seniors	5.5	5.0	▲	.26	5.0	▲	.29	5.0	▲	.28
e.	Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	First Year Students	5.0	5.1		-.06	5.1		-.08	5.1		-.08
			Seniors	5.3	5.0	▲	.21	5.0		.17	5.0		.19
<b>14. How much does your institution emphasize the following?</b>													
a.	Spending significant amounts of time studying and on academic work	empstudy	First Year Students	3.1	3.1		-.03	3.1		.00	3.1		-.02
			Seniors	3.3	3.1	▲	.25	3.1	▲	.26	3.1	▲	.26
b.	Providing support to help students succeed academically	SEacademic	First Year Students	3.1	3.1		.07	3.1		.09	3.1		.09
			Seniors	3.1	3.0		.15	3.0		.14	2.9		.17
c.	Using learning support services (tutoring services, writing center, etc.)	SElearnsup	First Year Students	3.2	3.1		.11	3.1		.16	3.1		.15
			Seniors	3.3	2.9	▲	.39	2.9	▲	.40	2.9	▲	.43
d.	Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	First Year Students	2.6	2.8		-.20	2.8		-.18	2.8		-.19
			Seniors	2.9	2.6	▲	.25	2.6	▲	.26	2.6	▲	.27
e.	Providing opportunities to be involved socially	SEsocial	First Year Students	2.9	3.0		-.10	3.0		-.03	3.0		-.03
			Seniors	2.9	2.9		.04	2.8		.09	2.8		.14
f.	Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	First Year Students	3.0	3.0		.04	2.9		.18	2.9		.14
			Seniors	2.9	2.8		.09	2.7	▲	.19	2.7	▲	.21
g.	Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	First Year Students	2.1	2.4		-.23	2.3		-.21	2.3		-.20
			Seniors	2.3	2.1		.17	2.1		.16	2.1	▲	.19
h.	Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	First Year Students	2.7	2.9	▽	-.27	2.8		-.14	2.8		-.10
			Seniors	2.7	2.7		-.01	2.6		.12	2.5		.17
i.	Attending events that address important social, economic, or political issues	SEevents	First Year Students	2.6	2.5		.08	2.5		.09	2.5		.12
			Seniors	2.6	2.4		.18	2.4		.17	2.3	▲	.25
<b>15. About how many hours do you spend in a typical 7-day week doing the following?</b>													
a.	Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and	tmprephrs	First Year Students	13.1	13.8		-.09	13.9		-.10	14.5		-.17
			Seniors	15.5	14.7		.10	14.6		.10	14.9		.06
b.	Participating in co-curricular activities (organizations, campus publications, student government, fraternity or	tmcocurrhrs	First Year Students	2.3	5.8	▼	-.49	6.0	▼	-.50	5.7	▼	-.48
			Seniors	3.2	5.0	▼	-.25	5.3	▼	-.28	4.9	▼	-.24
c.	Working for pay on campus	tmworkonhrs	First Year Students	.7	2.3	▽	-.28	2.6	▼	-.32	2.5	▼	-.31
			Seniors	1.8	3.6	▼	-.24	3.7	▼	-.27	3.7	▼	-.26
d.	Working for pay off campus	tmworkoffhrs	First Year Students	8.0	5.8		.22	6.4		.16	6.1		.18
			Seniors	17.4	12.8	▲	.35	13.3	▲	.31	13.3	▲	.30
	Estimated number of hours working for pay	tmworkhrs	First Year Students	8.8	8.1		.06	8.9		-.01	8.6		.02
			Seniors	19.2	16.4	▲	.21	17.0		.17	17.0		.17
e.	Doing community service or volunteer work	tmservicehrs	First Year Students	3.0	2.8		.04	2.7		.06	2.6		.07
			Seniors	4.1	3.5		.10	3.5		.10	3.3		.15
f.	Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online,	tmrelaxhrs	First Year Students	10.2	12.9	▼	-.30	12.4		-.25	12.5	▼	-.26
			Seniors	9.1	10.9	▼	-.22	10.5		-.18	10.7	▼	-.20
g.	Providing care for dependents (children, parents, etc.)	tmcarehrs	First Year Students	5.7	2.6	▲	.46	3.2		.34	3.2		.33
			Seniors	13.5	6.3	▲	.64	6.6	▲	.59	6.6	▲	.59

h.	Commuting to campus (driving, walking, etc.)	tmcommutehrs	First Year Students	6.9	4.7		.33	3.9	▲	.45	4.1	▲	.43
			Seniors	8.0	5.5	▲	.37	5.1	▲	.43	4.9	▲	.49
<b>16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading?</b>													
		reading	First Year Students	2.7	2.5		.21	2.7		-.02	2.7		.01
			Seniors	3.3	2.7	▲	.53	2.9	▲	.38	2.8	▲	.43
	(Continuous variable created by NSSE. Calculated as a proportion)	tmreadinghrs	First Year Students	6.3	5.6		.14	6.4		-.02	6.5		-.03
			Seniors	9.5	6.5	▲	.48	7.2	▲	.35	7.1	▲	.39
		tmreadinghrscol	First Year Students										
			Seniors										
<b>17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?</b>													
a.	Writing clearly and effectively	pgwrite	First Year Students	3.0	2.8		.26	2.8		.23	2.8		.24
			Seniors	3.2	3.0	▲	.22	3.0		.19	3.0	▲	.21
b.	Speaking clearly and effectively	pgspeak	First Year Students	2.8	2.7		.12	2.7		.09	2.7		.13
			Seniors	3.1	3.0		.10	3.0		.08	2.9		.14
c.	Thinking critically and analytically	pgthink	First Year Students	3.0	3.1		-.11	3.1		-.10	3.1		-.12
			Seniors	3.3	3.3		.05	3.3		.06	3.3		.06
d.	Analyzing numerical and statistical information	pganalyze	First Year Students	2.6	2.7		-.15	2.6		-.06	2.7		-.09
			Seniors	3.1	2.9		.14	2.8	▲	.24	2.9	▲	.19
e.	Acquiring job- or work-related knowledge and skills	pgwork	First Year Students	2.6	2.6		.01	2.7		-.01	2.6		.02
			Seniors	3.1	3.0		.18	3.0		.17	3.0	▲	.20
f.	Working effectively with others	pgothers	First Year Students	2.8	2.9		-.11	2.9		-.13	2.8		-.09
			Seniors	3.2	3.1		.07	3.1		.06	3.0		.12
g.	Developing or clarifying a personal code of values and ethics	pgvalues	First Year Students	2.7	2.7		.00	2.8		-.07	2.7		-.02
			Seniors	3.0	2.9		.11	2.9		.05	2.9		.12
h.	Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	First Year Students	2.7	2.8		-.04	2.8		-.06	2.8		-.05
			Seniors	3.1	2.9	▲	.19	2.9		.19	2.9	▲	.21
i.	Solving complex real-world problems	pgprobsolve	First Year Students	2.5	2.7		-.14	2.7		-.13	2.7		-.13
			Seniors	2.9	2.9		-.01	2.9		.01	2.8		.02
j.	Being an informed and active citizen	pgcitizen	First Year Students	2.5	2.6		-.12	2.6		-.12	2.7		-.13
			Seniors	2.8	2.7		.09	2.7		.08	2.7		.10
<b>18. How would you evaluate your entire educational experience at this institution?</b>													
		evalexp	First Year Students	3.1	3.2		-.17	3.1		-.10	3.2		-.17
			Seniors	3.4	3.3		.14	3.2	▲	.20	3.3		.15
<b>19. If you could start over again, would you go to the same institution you are now attending?</b>													
		sameinst	First Year Students	3.0	3.2	▽	-.24	3.2		-.13	3.2		-.21
			Seniors	3.3	3.3		.04	3.2		.15	3.2		.06
<b>20. Do you intend to return to this institution next year?<sup>f</sup></b>													
	(Means indicate the percentage who responded "Yes.")	returnexp	First Year Students	80%	88%	▽	-.23	86%		-.15	87%		-.20

**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.

- ▲ 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.