NSSE 2015

Frequencies and Statistical Comparisons

CUNY New York City College of Technology

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 2015 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 facsimile included in your *Institutional Report* and 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: **nsse.indiana.edu/html/weighting.cfm**

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.

Sample: NSSE 2015 Frequencies and Statistical Comparisons — NSSEville State University

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

8. *Key to symbols:*

   ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.

   △ **Your students' average** was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.

   ▽ **Your students' average** was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.

   ▼ **Your students' average** was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

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

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

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	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 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	3	8	698	4	28	3	6,952	3	2.8	2.8	-.10	3.0	-.28	2.9	-.16
		2	Sometimes	13	35	7,221	35	280	29	75,344	33							
		3	Often	12	31	7,450	35	351	34	81,924	35							
		4	Very often	10	26	5,689	26	317	34	67,253	29							
			Total	38	100	21,058	100	976	100	231,473	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	5	15	3,640	17	151	13	35,567	16	2.7	2.5	.17	2.6	.04	2.6	.12
		2	Sometimes	10	26	7,359	34	360	36	79,752	34							
		3	Often	14	37	5,965	29	267	26	67,498	29							
		4	Very often	9	22	3,996	20	194	25	47,312	21							
			Total	38	100	20,960	100	972	100	230,129	100							
c. Come to class without completing readings or assignments	unpreparedr (Reverse-coded version of unprepared created by NSSE.)	1	Very often	2	5	1,107	6	58	6	12,566	6	3.3	3.0 * ▲	.40	3.2	.19	3.0 * ▲	.41
		2	Often	1	3	2,591	13	80	7	28,189	13							
		3	Sometimes	17	46	11,537	55	495	50	129,169	56							
		4	Never	18	46	5,626	26	331	37	59,005	26							
			Total	38	100	20,861	100	964	100	228,929	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	19	50	7,266	37	406	39	76,110	36	1.7	2.0 * ▼	-.34	2.0	-.35	2.0 * ▼	-.36
		2	Sometimes	13	34	8,285	39	327	35	89,645	38							
		3	Often	6	15	3,328	16	154	15	39,199	16							
		4	Very often	0	0	1,866	9	76	11	22,810	9							
			Total	38	100	20,745	100	963	100	227,764	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	4	11	1,581	9	99	12	18,185	10	2.4	2.6	-.23	2.5	-.08	2.6	-.23
		2	Sometimes	21	54	8,341	42	436	46	89,653	40							
		3	Often	8	22	6,821	32	286	26	77,238	33							
		4	Very often	5	13	3,932	17	148	16	42,062	18							
			Total	38	100	20,675	100	969	100	227,138	100							
f. Explained course material to one or more students	CLexplain	1	Never	1	3	776	4	41	4	9,184	5	2.8	2.7	.09	2.7	.11	2.7	.10
		2	Sometimes	13	34	7,550	38	364	38	83,183	38							
		3	Often	16	42	7,786	38	368	38	87,091	38							
		4	Very often	8	21	4,150	20	176	19	44,323	19							
			Total	38	100	20,262	100	949	100	223,781	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

First-Year Students

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	6	16	2,593	14	149	18	29,547	15	2.5	2.6	-.02	2.5	.07	2.5	-.02
		2	Sometimes	11	30	7,302	37	353	36	79,358	36							
		3	Often	14	39	6,064	29	272	28	68,248	30							
		4	Very often	6	15	4,314	20	169	18	46,760	20							
			Total	37	100	20,273	100	943	100	223,913	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	5	1,482	8	85	9	15,227	8	2.8	2.6	.17	2.6	.20	2.6	.13
		2	Sometimes	11	30	7,955	40	373	41	86,088	39							
		3	Often	18	50	6,975	34	333	33	78,968	35							
		4	Very often	6	15	3,743	17	152	17	42,372	19							
			Total	37	100	20,155	100	943	100	222,655	100							
i. Given a course presentation	present	1	Never	6	17	3,798	20	196	21	38,263	19	2.5	2.2 * ▲	.33	2.3	.30	2.3	.27
		2	Sometimes	9	24	9,185	46	418	44	98,678	44							
		3	Often	17	47	4,845	24	236	23	57,474	25							
		4	Very often	5	12	2,161	11	87	12	26,436	12							
			Total	37	100	19,989	100	937	100	220,851	100							

2. During the current school year, about how often have you done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	2	7	1,290	7	71	9	13,404	7	2.6	2.7	-.03	2.7	-.02	2.7	-.05
		2	Sometimes	13	39	7,410	38	343	35	80,089	37							
		3	Often	13	38	7,043	36	319	34	80,088	37							
		4	Very often	6	17	3,786	19	194	21	43,013	20							
			Total	34	100	19,529	100	927	100	216,594	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	3	10	1,657	9	106	11	16,710	8	2.5	2.6	-.11	2.6	-.12	2.6	-.13
		2	Sometimes	12	37	7,380	38	348	36	80,889	38							
		3	Often	15	44	6,813	35	298	31	76,406	35							
		4	Very often	3	9	3,437	18	168	21	40,268	19							
			Total	33	100	19,287	100	920	100	214,273	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	5	15	2,028	11	129	12	19,166	10	2.4	2.6	-.20	2.6	-.21	2.6	-.24
		2	Sometimes	14	39	7,628	39	370	39	82,576	39							
		3	Often	12	36	6,394	33	262	28	72,970	33							
		4	Very often	3	9	3,240	17	152	21	39,486	18							
			Total	34	100	19,290	100	913	100	214,198	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

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	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	3	8	1,042	5	41	4	9,861	5							
		2	Sometimes	11	33	6,456	34	305	33	68,434	32							
		3	Often	13	37	7,834	41	379	39	89,689	42	2.7	2.8	-.03	2.8	-.11	2.8	-.08
		4	Very often	7	22	3,864	20	188	24	45,471	22							
			Total	34	100	19,196	100	913	100	213,455	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	1	3	756	4	37	3	7,085	4							
		2	Sometimes	8	23	5,822	30	284	29	61,334	29							
		3	Often	18	52	7,927	41	366	41	90,194	42	2.9	2.9	.07	2.9	.02	2.9	.02
		4	Very often	7	21	4,652	24	218	26	54,336	26							
			Total	34	100	19,157	100	905	100	212,949	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	1	3	561	3	29	3	5,880	3							
		2	Sometimes	7	18	6,169	33	266	27	64,662	31							
		3	Often	20	61	7,962	41	391	43	89,487	41	2.9	2.8	.11	2.9	.00	2.9	.08
		4	Very often	6	18	4,417	23	215	27	52,352	24							
			Total	34	100	19,109	100	901	100	212,381	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	1	3	313	2	16	2	3,034	2							
		2	Sometimes	3	8	4,174	23	182	21	43,351	21							
		3	Often	22	66	8,416	44	403	41	94,070	44	3.1	3.1	.05	3.1	-.02	3.1	.01
		4	Very often	8	23	6,090	32	296	36	70,917	33							
			Total	34	100	18,993	100	897	100	211,372	100							

3. During the current school year, about how often have you done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
a. Talked about career plans with a faculty member	SFcareer	1	Never	9	26	4,324	25	192	24	43,183	22							
		2	Sometimes	12	33	8,462	44	405	43	96,921	45							
		3	Often	9	26	3,994	20	187	20	47,382	22	2.3	2.2	.12	2.2	.07	2.2	.07
		4	Very often	5	15	2,288	11	115	13	24,640	11							
			Total	35	100	19,068	100	899	100	212,126	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	18	53	9,615	52	443	53	105,731	52							
		2	Sometimes	12	32	5,766	29	264	27	63,993	29							
		3	Often	4	12	2,326	12	116	11	26,919	12	1.7	1.7	-.09	1.8	-.11	1.7	-.10
		4	Very often	1	3	1,280	7	71	9	14,584	7							
			Total	35	100	18,987	100	894	100	211,227	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

First-Year Students

				Frequency Distributions[a]									Statistical Comparisons[b]						
											NSSE 2014 & 2015				Your first-year students compared with				
				NYCCT		Mid East Public		Carnegie Class				NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	9	26	5,936	33	271	33	63,587	32							
		2	Sometimes	15	44	8,046	41	382	40	90,727	42							
		3	Often	7	19	3,328	17	162	18	38,740	18	2.2	2.0	.16	2.0	.15	2.0	.15
		4	Very often	4	11	1,639	9	79	8	17,837	8							
			Total	35	100	18,949	100	894	100	210,891	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	5	15	4,581	26	174	21	48,508	24							
		2	Sometimes	16	46	8,574	44	430	45	98,073	46							
		3	Often	11	31	3,889	20	191	23	43,506	20	2.3	2.1	.22	2.2	.10	2.2	.20
		4	Very often	3	8	1,832	10	94	11	20,130	10							
			Total	35	100	18,876	100	889	100	210,217	100							

4. During the current school year, how much has your coursework emphasized the following?

Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
a. Memorizing course material	memorize	1	Very little	0	0	541	3	26	2	7,882	4							
		2	Some	6	17	3,994	21	202	21	50,613	24							
		3	Quite a bit	16	44	8,177	43	417	47	90,323	43	3.2	3.0	.21	3.0	.23	3.0	.29
		4	Very much	14	39	6,234	32	241	29	62,143	29							
			Total	36	100	18,946	100	886	100	210,961	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	1	3	696	4	31	4	7,021	4							
		2	Some	6	16	4,205	23	205	24	47,476	23							
		3	Quite a bit	14	40	8,130	43	379	40	92,515	44	3.2	3.0	.24	3.0	.22	3.0	.24
		4	Very much	14	41	5,833	30	258	32	62,861	30							
			Total	35	100	18,864	100	873	100	209,873	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	0	0	753	4	36	5	7,339	4							
		2	Some	8	23	4,440	24	192	22	47,516	23							
		3	Quite a bit	16	47	7,806	41	378	43	88,819	42	3.1	3.0	.11	3.0	.10	3.0	.09
		4	Very much	10	30	5,789	30	268	30	65,329	31							
			Total	34	100	18,788	100	874	100	209,003	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	1	2	883	5	43	5	8,108	4							
		2	Some	7	20	4,808	26	212	23	51,278	25							
		3	Quite a bit	15	43	7,854	41	386	43	89,769	43	3.1	2.9	.21	3.0	.17	2.9	.19
		4	Very much	12	35	5,249	28	237	29	59,902	28							
			Total	35	100	18,794	100	878	100	209,057	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

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	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	2	5	1,024	6	43	5	9,339	5	3.1	2.9	.21	2.9	.19	2.9	.19
		2	Some	6	17	4,881	26	242	28	52,626	26							
		3	Quite a bit	15	41	7,624	40	364	38	87,803	42							
		4	Very much	13	36	5,201	28	229	29	58,777	28							
			Total	36	100	18,730	100	878	100	208,545	100							

5. During the current school year, to what extent have your instructors done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
a. Clearly explained course goals and requirements	ETgoals	1	Very little	0	0	375	2	23	2	3,746	2	3.5	3.1 ** ▲	.47	3.2 * ▲	.38	3.1 ** ▲	.46
		2	Some	2	6	3,308	18	143	15	35,774	18							
		3	Quite a bit	13	37	8,325	43	384	41	93,975	44							
		4	Very much	20	57	6,895	36	339	41	76,990	36							
			Total	35	100	18,903	100	889	100	210,485	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	2	6	516	3	34	5	4,957	3	3.4	3.1 * ▲	.41	3.1	.32	3.1 * ▲	.36
		2	Some	4	12	3,713	20	159	17	37,848	19							
		3	Quite a bit	7	19	8,478	44	364	40	95,807	45							
		4	Very much	22	63	6,137	32	328	38	71,319	34							
			Total	35	100	18,844	100	885	100	209,931	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	1	3	585	4	30	4	6,083	3	3.4	3.1 * ▲	.40	3.1	.30	3.1 * ▲	.36
		2	Some	3	9	3,954	21	169	19	40,730	20							
		3	Quite a bit	11	34	7,593	40	317	35	85,435	40							
		4	Very much	20	55	6,674	35	369	41	77,108	36							
			Total	35	100	18,806	100	885	100	209,356	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	2	5	1,418	8	57	7	14,684	8	3.2	2.8 * ▲	.34	2.9	.22	2.9	.29
		2	Some	5	15	5,419	29	248	28	55,606	27							
		3	Quite a bit	13	39	6,656	35	292	29	75,280	35							
		4	Very much	15	41	5,287	28	292	36	63,661	30							
			Total	35	100	18,780	100	889	100	209,231	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	0	0	1,687	9	69	6	16,083	8	3.4	2.8 *** ▲	.65	2.9 ** ▲	.49	2.8 *** ▲	.61
		2	Some	6	17	5,630	31	241	27	60,019	29							
		3	Quite a bit	10	30	6,774	35	300	34	77,905	37							
		4	Very much	19	53	4,619	25	274	33	54,436	26							
			Total	35	100	18,710	100	884	100	208,443	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 8

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

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	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size [e]	Carnegie Class Mean	Effect size [e]	NSSE 2014 & 2015 Mean	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	2	5	2,744	15	127	13	28,975	13							
		2	Sometimes	7	21	6,455	34	308	36	72,895	34							
		3	Often	15	39	6,276	33	306	33	70,589	34	3.0	2.5 ** ▲	.51	2.6 ** ▲	.51	2.6 ** ▲	.47
		4	Very often	12	34	3,384	18	146	18	37,663	19							
			Total	36	100	18,859	100	887	100	210,122	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	6	18	4,458	24	221	22	46,147	22							
		2	Sometimes	8	20	7,243	39	339	41	82,773	39							
		3	Often	11	31	4,796	25	222	24	54,604	26	2.8	2.3 ** ▲	.53	2.3 ** ▲	.49	2.3 ** ▲	.48
		4	Very often	11	32	2,317	12	105	13	26,118	13							
			Total	36	100	18,814	100	887	100	209,642	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	7	19	4,252	23	205	22	44,082	21							
		2	Sometimes	10	28	7,410	39	365	45	84,994	40							
		3	Often	13	37	4,925	26	219	21	55,602	27	2.5	2.3	.23	2.2	.27	2.3	.19
		4	Very often	5	15	2,128	12	92	11	24,021	12							
			Total	35	100	18,715	100	881	100	208,699	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages *(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)*	wrshortnum	0	None	3	8	728	4	49	6	7,730	5							
		1.5	1-2	9	26	3,396	20	206	24	34,936	19							
		4	3-5	9	26	5,611	33	256	33	60,259	32							
		8	6-10	5	14	4,513	26	165	21	49,637	25	6.7	6.5	.04	5.9	.14	6.9	-.02
		13	11-15	4	13	1,662	10	73	7	21,148	10							
		18	16-20	3	10	646	4	32	4	9,549	5							
		23	More than 20	1	3	691	4	35	4	10,285	5							
			Total	34	100	17,247	100	816	100	193,544	100							
b. Between 6 and 10 pages *(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)*	wrmednum	0	None	11	30	5,255	32	325	40	57,547	33							
		1.5	1-2	15	46	7,552	44	299	36	80,216	41							
		4	3-5	3	9	2,807	17	92	14	35,117	18							
		8	6-10	3	9	853	6	44	8	11,172	6	3.0	2.1	.33	2.1	.24	2.2	.28
		13	11-15	0	0	182	1	13	2	2,404	1							
		18	16-20	1	3	51	0	5	0	743	0							
		23	More than 20	1	3	51	0	2	0	725	0							
			Total	34	100	16,751	100	780	100	187,924	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

First-Year Students

				Frequency Distributions[a]								Statistical Comparisons[b]						
													Your first-year students compared with					
				NYCCT		Mid East Public		Carnegie Class		NSSE 2014 & 2015		NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
c. 11 pages or more	wrlongnum	0	None	25	78	12,248	75	626	79	137,145	76							
(Recoded version of wrlong *created by NSSE. Values are estimated number of papers, reports, etc.)*		1.5	1-2	5	15	3,091	19	98	12	33,916	18							
		4	3-5	1	4	448	3	14	3	5,584	3							
		8	6-10	0	0	235	2	8	2	2,558	2	.9	.8	.06	1.0	-.02	.8	.04
		13	11-15	0	0	114	1	6	2	1,430	1							
		18	16-20	1	3	35	0	4	1	554	0							
		23	More than 20	0	0	77	1	2	0	871	1							
			Total	32	100	16,248	100	758	100	182,058	100							
Estimated number of assigned pages of student writing.	wrpages											52.7	45.7	.12	44.9	.11	48.0	.08
	(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	3	8	716	4	53	7	8,609	5							
		2	Sometimes	4	12	3,573	20	219	27	44,248	22							
		3	Often	8	24	4,962	28	245	28	57,657	29	3.3	3.2	.12	3.0	.33	3.1	.19
		4	Very often	20	56	8,266	47	318	38	86,006	43							
			Total	35	100	17,517	100	835	100	196,520	100							
b. People from an economic background other than your own	DDeconomic	1	Never	4	11	769	5	50	7	8,240	5							
		2	Sometimes	6	18	3,625	21	203	26	41,369	21							
		3	Often	10	31	5,624	32	260	32	65,916	33	3.0	3.1	-.09	3.0	.05	3.1	-.09
		4	Very often	15	41	7,442	41	319	36	80,473	40							
			Total	35	100	17,460	100	832	100	195,998	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	3	8	975	6	66	10	12,215	7							
		2	Sometimes	4	12	3,748	22	241	28	47,446	24							
		3	Often	8	24	5,083	29	235	29	57,973	30	3.3	3.1	.21	2.9 * ▲	.43	3.0	.27
		4	Very often	20	56	7,613	43	288	33	78,019	40							
			Total	35	100	17,419	100	830	100	195,653	100							
d. People with political views other than your own	DDpolitical	1	Never	3	8	1,185	8	73	11	13,099	7							
		2	Sometimes	10	31	4,277	25	239	28	49,282	25							
		3	Often	8	23	5,213	30	242	29	60,440	31	2.9	3.0	-.07	2.8	.09	3.0	-.08
		4	Very often	13	38	6,665	37	276	32	71,943	37							
			Total	34	100	17,340	100	830	100	194,764	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

First-Year Students

				Frequency Distributions[a]								Statistical Comparisons[b]							
										NSSE 2014 & 2015				Your first-year students compared with					
				NYCCT		Mid East Public		Carnegie Class				NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015		
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
9. During the current school year, about how often have you done the following?																			
a. Identified key information from reading assignments	LSreading	1	Never	2	5	278	2	22	2	2,859	2	**3.2**	3.1	.12	3.2	.05	3.2	.10
		2	Sometimes	5	14	3,102	18	153	18	33,312	18							
		3	Often	11	31	7,484	43	333	39	83,442	43							
		4	Very often	18	49	6,507	37	321	42	75,680	38							
			Total	36	100	17,371	100	829	100	195,293	100							
b. Reviewed your notes after class	LSnotes	1	Never	2	6	790	5	32	3	9,271	5	**3.2**	2.9	.31	3.1	.11	2.9	.29
		2	Sometimes	3	7	5,033	30	207	23	56,708	29							
		3	Often	16	47	5,826	34	295	37	64,816	33							
		4	Very often	15	40	5,662	32	291	38	63,890	33							
			Total	36	100	17,311	100	825	100	194,685	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	2	7	1,008	6	48	5	12,047	6	**3.1**	2.9	.26	3.0	.14	2.9	.26
		2	Sometimes	4	12	5,063	30	225	25	57,508	30							
		3	Often	15	47	6,135	36	291	37	68,642	36							
		4	Very often	12	35	4,922	28	251	33	54,409	28							
			Total	33	100	17,128	100	815	100	192,606	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	0	0	85	1	6	0	741	0	**5.5**	5.5	.05	5.7	-.13	5.6	-.01
		2		0	0	168	1	12	1	1,823	1							
		3		1	3	519	4	12	2	5,266	3							
		4		4	12	1,849	11	76	10	18,688	10							
		5		12	36	5,519	32	243	29	61,689	31							
		6		9	25	5,420	30	265	27	63,089	31							
		7	Very much	8	24	3,753	21	212	31	43,406	23							
			Total	34	100	17,313	100	826	100	194,702	100							
11. Which of the following have you done or do you plan to do before you graduate?[f]																			
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement	intern *(Means indicate the percentage who responded "Done or in progress.")*		Have not decided	4	13	1,552	9	112	17	18,871	11	**9%**	8%	.03	9%	.02	9%	.02
			Do not plan to do	1	3	608	3	34	4	7,460	5							
			Plan to do	26	75	13,744	79	602	70	150,935	76							
			Done or in progress	3	9	1,396	8	78	9	17,334	9							
			Total	34	100	17,300	100	826	100	194,600	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 11

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

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	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
b. Hold a formal leadership role in a student organization or group	leader		Have not decided	12	37	4,521	27	224	29	51,959	27							
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	13	37	3,378	21	270	31	42,811	24							
			Plan to do	8	23	7,388	41	216	29	75,201	37	**3%**	11%	-.32	10%	-.29	12%	-.35
			Done or in progress	1	3	1,946	11	109	10	23,927	12							
			Total	34	100	17,233	100	819	100	193,898	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together	learncom		Have not decided	14	42	5,310	30	273	31	60,210	30							
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	7	21	4,468	25	245	27	52,203	28							
			Plan to do	9	26	4,802	28	201	31	51,245	26	**11%**	16%	-.14	11%	.01	16%	-.14
			Done or in progress	4	11	2,603	16	98	11	29,814	16							
			Total	34	100	17,183	100	817	100	193,472	100							
d. Participate in a study abroad program	abroad		Have not decided	10	30	4,610	28	255	30	51,195	27							
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	14	41	4,234	25	308	33	47,477	27							
			Plan to do	8	23	7,798	44	227	34	87,607	43	**6%**	3%	.14	3%	.14	4%	.11
			Done or in progress	2	6	545	3	25	3	7,109	4							
			Total	34	100	17,187	100	815	100	193,388	100							
e. Work with a faculty member on a research project	research		Have not decided	10	30	6,353	37	310	37	71,693	37							
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	8	24	3,662	21	192	20	42,632	22							
			Plan to do	13	37	6,248	37	255	34	67,516	35	**9%**	5%	.13	8%	.02	6%	.12
			Done or in progress	3	9	871	5	56	8	10,718	6							
			Total	34	100	17,134	100	813	100	192,559	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.)	capstone		Have not decided	11	33	5,536	34	240	31	57,482	31							
	(Means indicate the percentage who responded "Done or in progress.")		Do not plan to do	4	10	1,516	9	75	9	17,114	10							
			Plan to do	17	51	9,566	54	471	55	112,512	56	**7%**	3%	.16	5%	.07	3%	.16
			Done or in progress	2	7	508	3	31	5	5,589	3							
			Total	34	100	17,126	100	817	100	192,697	100							

12. About how many of your courses at this institution have included a community-based project (service-learning)?

	Variable name	Values	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size	Carnegie Class Mean	Carnegie Class Effect size	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size
	servcourse	1	None	13	43	9,036	54	429	53	90,204	48							
		2	Some	15	45	6,801	39	309	38	86,346	44							
		3	Most	3	8	977	6	60	8	12,845	7	**1.7**	1.5	.28	1.6	.21	1.6	.17
		4	All	1	3	190	1	8	1	2,159	1							
			Total	32	100	17,004	100	806	100	191,554	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

CUNY New York City College of Technology

First-Year Students

						Frequency Distributions[a]								Statistical Comparisons[b]						
															Your first-year students compared with					
						NYCCT		Mid East Public		Carnegie Class		NSSE 2014 & 2015		NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options			Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
13. Indicate the quality of your interactions with the following people at your institution.																				
a. Students	QIstudent	1	Poor			1	3	315	2	20	3	3,050	2							
		2				1	2	421	3	19	3	3,989	2							
		3				1	3	826	5	35	6	8,608	5							
		4				3	9	1,813	11	89	11	19,137	10							
		5				4	11	4,191	25	231	28	43,932	23	**5.7**	5.4	.16	5.3	.21	5.5	.09
		6				13	39	4,996	28	220	23	57,354	29							
		7	Excellent			11	32	4,626	26	202	27	57,196	29							
		—	Not applicable			0	0	77	0	4	1	1,022	1							
			Total			34	100	17,265	100	820	100	194,288	100							
b. Academic advisors	QIadvisor	1	Poor			2	7	885	6	33	6	7,539	4							
		2				4	12	1,077	6	43	5	10,094	5							
		3				1	2	1,548	9	71	8	15,669	8							
		4				4	12	2,385	14	85	9	25,704	13							
		5				3	10	3,344	19	162	16	37,423	19	**4.9**	4.9	-.02	5.2	-.19	5.1	-.16
		6				11	34	3,569	20	176	23	42,177	21							
		7	Excellent			6	16	3,798	22	241	32	50,943	27							
		—	Not applicable			3	9	628	4	9	2	4,274	2							
			Total			34	100	17,234	100	820	100	193,823	100							
c. Faculty	QIfaculty	1	Poor			1	3	409	3	17	4	3,789	2							
		2				1	2	629	4	25	4	6,096	3							
		3				3	9	1,222	7	49	6	11,891	6							
		4				5	16	2,552	15	95	12	25,161	13							
		5				5	15	4,458	26	200	23	46,833	24	**5.2**	5.1	.06	5.2	-.04	5.3	-.07
		6				10	30	4,557	26	238	26	54,994	28							
		7	Excellent			7	19	3,167	18	185	24	42,106	22							
		—	Not applicable			2	7	140	1	5	1	1,788	1							
			Total			34	100	17,134	100	814	100	192,658	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

CUNY New York City College of Technology

First-Year Students

				Frequency Distributions[a]								Statistical Comparisons[b]						
										NSSE 2014 & 2015			Your first-year students compared with					
				NYCCT		Mid East Public		Carnegie Class				NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	4	11	931	6	46	7	8,747	5							
		2		1	3	864	5	41	4	9,322	5							
		3		3	8	1,380	8	68	8	14,193	7							
		4		3	9	2,468	14	89	9	26,201	13							
		5		5	14	3,665	21	158	19	39,492	20	4.7	4.8	-.05	4.9	-.13	4.9	-.16
		6		9	28	3,550	20	156	16	42,283	21							
		7	Excellent	4	11	2,630	15	186	23	36,028	18							
		—	Not applicable	5	15	1,684	10	76	14	16,752	10							
			Total	34	100	17,172	100	820	100	193,018	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	2	7	1,077	7	39	5	9,457	5							
		2		2	7	1,133	7	51	6	11,317	6							
		3		3	8	1,614	10	68	8	16,189	8							
		4		4	11	2,702	16	81	9	28,398	15							
		5		5	14	3,477	20	185	23	39,867	20	4.9	4.6	.16	5.1	-.13	4.8	.01
		6		12	37	3,232	18	191	23	40,451	20							
		7	Excellent	4	11	2,443	14	183	25	34,749	18							
		—	Not applicable	2	7	1,498	8	20	3	12,685	7							
			Total	34	100	17,176	100	818	100	193,113	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	4	289	2	17	2	2,699	2							
		2	Some	6	18	2,411	16	119	16	25,957	15							
		3	Quite a bit	14	47	7,002	44	333	42	79,425	44	3.1	3.2	-.15	3.2	-.17	3.2	-.20
		4	Very much	10	31	6,368	38	302	40	73,650	39							
			Total	31	100	16,070	100	771	100	181,731	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	1	4	615	4	30	5	5,776	4							
		2	Some	4	12	3,098	21	147	17	32,002	19							
		3	Quite a bit	15	51	6,457	41	292	38	72,202	40	3.1	3.0	.12	3.1	.03	3.1	.04
		4	Very much	10	34	5,812	34	292	39	70,593	37							
			Total	30	100	15,982	100	761	100	180,573	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	1	3	903	6	49	7	8,803	5							
		2	Some	4	13	2,772	18	128	15	29,439	17							
		3	Quite a bit	12	39	5,760	37	251	31	64,107	36	3.3	3.1	.21	3.2	.11	3.1	.14
		4	Very much	14	45	6,519	39	338	47	78,203	42							
			Total	31	100	15,954	100	766	100	180,552	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

CUNY New York City College of Technology

First-Year Students

				Frequency Distributions[a]								Statistical Comparisons[b]						
										NSSE 2014 & 2015			Your first-year students compared with					
				NYCCT		Mid East Public		Carnegie Class				NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	2	6	1,873	12	102	14	19,789	12							
		2	Some	3	10	4,519	28	246	31	51,051	28							
		3	Quite a bit	14	45	5,238	33	223	28	59,319	33	3.2	2.7 *	.41	2.7 *	.46	2.8 *	.40
		4	Very much	12	38	4,353	27	197	28	50,649	27		▲		▲		▲	
			Total	31	100	15,983	100	768	100	180,808	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	2	6	967	6	52	6	9,274	6							
		2	Some	4	12	3,452	22	188	26	37,209	21							
		3	Quite a bit	14	45	6,026	38	269	33	68,293	38	3.1	3.0	.14	3.0	.17	3.0	.11
		4	Very much	11	36	5,541	34	257	35	65,837	35							
			Total	31	100	15,986	100	766	100	180,613	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	1	4	997	7	54	7	10,617	7							
		2	Some	5	15	3,562	23	223	31	37,794	22							
		3	Quite a bit	18	60	5,975	38	240	29	68,246	38	3.0	2.9	.06	2.9	.13	3.0	.01
		4	Very much	7	22	5,375	32	243	33	63,327	34							
			Total	31	100	15,909	100	760	100	179,984	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	8	26	3,437	23	175	24	35,313	21							
		2	Some	6	16	5,417	34	270	36	62,333	34							
		3	Quite a bit	11	37	4,383	27	192	22	51,046	28	2.5	2.4	.15	2.3	.18	2.4	.10
		4	Very much	6	20	2,633	16	124	17	31,155	17							
			Total	31	100	15,870	100	761	100	179,847	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	3	9	1,174	8	65	9	13,298	9							
		2	Some	10	31	3,858	25	188	28	41,130	24							
		3	Quite a bit	12	40	5,964	37	275	31	66,976	37	2.7	2.9	-.20	2.9	-.17	2.9	-.21
		4	Very much	6	19	4,857	29	229	32	58,072	31							
			Total	31	100	15,853	100	757	100	179,476	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	4	13	2,265	15	102	14	23,900	15							
		2	Some	9	27	5,091	32	245	32	56,423	32							
		3	Quite a bit	14	47	5,127	32	235	29	58,695	32	2.6	2.6	.02	2.7	-.06	2.6	.01
		4	Very much	4	13	3,327	20	167	25	39,909	21							
			Total	31	100	15,810	100	749	100	178,927	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

First-Year Students

				Frequency Distributions[a]								Statistical Comparisons[b]						
													Your first-year students compared with					
				NYCCT		Mid East Public		Carnegie Class		NSSE 2014 & 2015		NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
15. 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 *(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	0	0	103	1	6	1	875	1							
		3	1-5 hrs	10	32	2,367	16	133	20	24,852	15							
		8	6-10 hrs	10	31	3,753	25	176	25	42,301	24							
		13	11-15 hrs	4	11	3,399	21	177	20	38,638	21							
		18	16-20 hrs	4	12	2,714	17	114	15	31,839	17	10.5	13.8 * ▼	-.39	13.4	-.33	14.1 * ▼	-.43
		23	21-25 hrs	3	10	1,736	10	72	7	20,142	11							
		28	26-30 hrs	0	0	929	5	48	6	11,308	6							
		33	More than 30 hrs	1	3	931	6	39	6	10,432	6							
			Total	32	100	15,932	100	765	100	180,387	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs *(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	18	58	4,427	31	313	46	54,328	34							
		3	1-5 hrs	9	25	5,722	36	249	32	62,456	33							
		8	6-10 hrs	3	10	2,713	16	89	9	29,515	16							
		13	11-15 hrs	0	0	1,452	8	40	5	15,631	8							
		18	16-20 hrs	1	3	838	5	33	4	9,200	5	3.0	5.3 * ▼	-.36	4.0	-.17	5.4 * ▼	-.36
		23	21-25 hrs	1	3	376	2	18	2	4,221	2							
		28	26-30 hrs	0	0	118	1	6	1	1,781	1							
		33	More than 30 hrs	0	0	186	1	12	1	2,158	1							
			Total	32	100	15,832	100	760	100	179,290	100							
c. Working for pay **on campus**	tmworkonhrs *(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	27	86	12,866	81	609	84	137,033	78							
		3	1-5 hrs	1	3	620	4	44	4	9,519	5							
		8	6-10 hrs	2	7	1,125	7	44	4	16,177	8							
		13	11-15 hrs	1	4	563	4	28	3	8,918	5							
		18	16-20 hrs	0	0	292	2	21	3	5,262	3	1.1	2.1	-.18	1.8	-.15	2.4 * ▽	-.23
		23	21-25 hrs	0	0	110	1	7	1	1,409	1							
		28	26-30 hrs	0	0	54	0	3	1	539	0							
		33	More than 30 hrs	0	0	272	1	4	0	1,155	1							
			Total	31	100	15,902	100	760	100	180,012	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

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	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
d. Working for pay **off campus** (*Recoded version of* tmworkoff *created by NSSE. Values are estimated number of hours per week.*)	tmworkoffhrs	0	0 hrs	25	81	11,864	73	495	57	128,397	70							
		3	1-5 hrs	1	3	755	5	36	5	9,024	5							
		8	6-10 hrs	2	5	797	5	35	3	9,230	5							
		13	11-15 hrs	0	0	713	5	30	4	8,433	5							
		18	16-20 hrs	1	4	689	5	42	7	8,266	5	3.4	4.1	-.08	9.0 ** ▼	-.47	5.1	-.18
		23	21-25 hrs	0	0	431	3	39	7	5,620	3							
		28	26-30 hrs	0	0	248	2	27	5	3,468	2							
		33	More than 30 hrs	2	7	342	3	52	12	6,647	5							
			Total	31	100	15,839	100	756	100	179,085	100							
Estimated number of hours working for pay	tmworkhrs (*Continuous variable created by NSSE*)											4.5	6.1	-.15	10.7 ** ▼	-.48	7.4	-.26
e. Doing community service or volunteer work (*Recoded version of* tmservice *created by NSSE. Values are estimated number of hours per week.*)	tmservicehrs	0	0 hrs	21	68	9,593	62	486	65	100,061	57							
		3	1-5 hrs	8	26	4,484	27	196	24	58,536	31							
		8	6-10 hrs	0	0	813	5	33	6	10,454	6							
		13	11-15 hrs	0	0	357	2	22	3	4,329	3							
		18	16-20 hrs	2	6	224	2	10	1	2,401	1	1.8	2.2	-.08	2.2	-.08	2.4	-.13
		23	21-25 hrs	0	0	104	1	6	1	1,072	1							
		28	26-30 hrs	0	0	40	0	5	1	410	0							
		33	More than 30 hrs	0	0	63	0	3	0	644	0							
			Total	31	100	15,678	100	761	100	177,907	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) (*Recoded version of* tmrelax *created by NSSE. Values are estimated number of hours per week.*)	tmrelaxhrs	0	0 hrs	1	2	285	2	22	5	2,991	2							
		3	1-5 hrs	9	28	3,376	21	196	32	37,889	22							
		8	6-10 hrs	7	23	4,297	26	193	23	49,019	27							
		13	11-15 hrs	6	19	3,076	19	134	15	36,119	20							
		18	16-20 hrs	1	2	2,032	13	93	11	23,741	13	13.2	12.7	.06	10.5	.29	12.4	.10
		23	21-25 hrs	2	6	1,178	8	52	6	12,575	7							
		28	26-30 hrs	1	3	554	4	22	3	5,939	3							
		33	More than 30 hrs	5	16	1,014	7	48	5	10,431	6							
			Total	32	100	15,812	100	760	100	178,704	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

First-Year Students

Frequency Distributions[a]

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %
g. Providing care for dependents (children, parents, etc.) *(Recoded version of* tmcare *created by NSSE. Values are estimated number of hours per week.)*	tmcarehrs	0	0 hrs	14	48	12,300	75	514	58	136,397	74
		3	1-5 hrs	3	11	1,673	12	91	11	18,814	11
		8	6-10 hrs	3	11	720	5	40	7	8,098	5
		13	11-15 hrs	4	12	411	3	24	5	4,646	3
		18	16-20 hrs	3	10	264	2	14	2	3,009	2
		23	21-25 hrs	1	3	125	1	11	2	1,592	1
		28	26-30 hrs	0	0	79	1	6	2	954	1
		33	More than 30 hrs	2	5	208	2	57	13	5,003	4
			Total	30	100	15,780	100	757	100	178,513	100
h. Commuting to campus (driving, walking, etc.) *(Recoded version of* tmcommute *created by NSSE. Values are estimated number of hours per week.)*	tmcommutehrs	0	0 hrs	0	0	7,779	44	282	25	79,455	41
		3	1-5 hrs	16	50	4,915	33	306	43	65,541	38
		8	6-10 hrs	6	18	1,754	13	106	18	19,804	12
		13	11-15 hrs	5	17	664	5	24	5	7,164	4
		18	16-20 hrs	1	3	322	2	12	3	3,354	2
		23	21-25 hrs	4	11	148	1	12	2	1,555	1
		28	26-30 hrs	0	0	78	1	6	1	730	0
		33	More than 30 hrs	0	0	137	1	10	3	1,553	1
			Total	32	100	15,797	100	758	100	179,156	100

16. Of the time you spend preparing for class in a typical 7-day week, about how much is on *assigned reading?*

	Variable name	Values	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %
	reading	1	Very little	2	7	1,536	10	80	10	17,605	11
		2	Some	7	23	4,864	32	252	30	53,450	31
		3	About half	8	24	4,708	29	221	29	53,586	30
		4	Most	10	32	3,406	21	137	21	39,181	21
		5	Almost all	5	14	1,214	8	59	11	14,495	8
			Total	32	100	15,728	100	749	100	178,317	100
	tmreadinghrs *(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)*										

Statistical Comparisons[b]
Your first-year students compared with

	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
g. tmcarehrs	7.0	2.4 * ▲	.73	7.2	-.02	3.1 * ▲	.50
h. tmcommutehrs	8.3	3.9 *** ▲	.76	5.6	.38	3.7 *** ▲	.82
16. reading	3.2	2.9	.34	2.9	.25	2.8 * ▲	.35
tmreadinghrs	6.3	6.7	-.07	6.9	-.10	6.8	-.09

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

CUNY New York City College of Technology

First-Year Students

Item wording or description	Variable name [c]	Values [d]	Response options	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size [e]	Carnegie Class Mean	Effect size [e]	NSSE 2014 & 2015 Mean	Effect size [e]
	tmreadinghrscol	1	0 hrs	0	0	89	1	4	1	765	1							
(Collapsed version of tmreadinghrs *created by NSSE.)*		2	More than zero, up to 5 hrs	17	54	7,529	50	389	50	83,615	49							
		3	More than 5, up to 10 hrs	7	22	4,644	29	223	30	53,309	29							
		4	More than 10, up to 15 hrs	5	14	1,683	10	59	7	19,583	10							
		5	More than 15, up to 20 hrs	3	10	880	5	35	5	10,349	5							
		6	More than 20, up to 25 hrs	0	0	593	3	26	3	7,005	4							
		7	More than 25 hrs	0	0	219	1	12	4	2,745	1							
			Total	32	100	15,637	100	748	100	177,371	100							

17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

Item wording or description	Variable name [c]	Values [d]	Response options	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size [e]	Carnegie Class Mean	Effect size [e]	NSSE 2014 & 2015 Mean	Effect size [e]
a. Writing clearly and effectively	pgwrite	1	Very little	2	6	1,225	8	43	4	12,860	8							
		2	Some	4	13	4,087	25	180	21	44,512	25							
		3	Quite a bit	16	50	6,399	40	314	39	72,112	40	**3.1**	2.8	.24	3.1	.00	2.9	.21
		4	Very much	10	32	4,140	26	224	36	50,050	28							
			Total	32	100	15,851	100	761	100	179,534	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	2	6	1,952	13	70	9	19,470	11							
		2	Some	6	18	4,665	30	233	27	53,025	29							
		3	Quite a bit	12	37	5,766	36	283	37	65,763	36	**3.1**	2.6 *	.45	2.8	.27	2.7 *	.40
		4	Very much	12	38	3,410	21	173	27	40,666	23		▲				▲	
			Total	32	100	15,793	100	759	100	178,924	100							
c. Thinking critically and analytically	pgthink	1	Very little	3	10	649	5	28	3	6,012	4							
		2	Some	4	11	3,244	21	148	20	33,068	19							
		3	Quite a bit	9	29	6,610	41	311	39	76,024	42	**3.2**	3.0	.19	3.1	.08	3.1	.12
		4	Very much	16	50	5,292	33	270	38	63,801	35							
			Total	32	100	15,795	100	757	100	178,905	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	4	12	2,262	15	97	11	26,812	14							
		2	Some	5	17	4,824	31	237	32	55,888	31							
		3	Quite a bit	10	30	5,352	34	269	35	58,679	33	**3.0**	2.6 *	.41	2.7	.34	2.6 *	.39
		4	Very much	12	41	3,343	20	154	21	37,327	21		▲				▲	
			Total	31	100	15,781	100	757	100	178,706	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

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	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	6	19	2,205	15	95	15	24,276	14							
		2	Some	4	11	4,849	32	215	29	55,502	31							
		3	Quite a bit	13	42	5,100	32	259	34	59,265	33	2.8	2.6	.22	2.6	.17	2.6	.19
		4	Very much	9	28	3,641	21	187	21	39,897	22							
			Total	32	100	15,795	100	756	100	178,940	100							
f. Working effectively with others	pgothers	1	Very little	2	6	1,174	9	58	7	12,091	8							
		2	Some	6	18	4,183	28	204	29	47,390	27							
		3	Quite a bit	11	35	6,105	38	287	36	70,491	39	3.1	2.8	.33	2.8	.29	2.8	.29
		4	Very much	13	41	4,301	25	204	28	48,560	27							
			Total	32	100	15,763	100	753	100	178,532	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	3	11	2,118	15	100	14	21,018	13							
		2	Some	8	25	4,470	29	233	29	49,076	28							
		3	Quite a bit	11	34	5,208	33	245	32	62,313	34	2.8	2.6	.20	2.7	.15	2.7	.13
		4	Very much	9	30	3,974	23	176	25	46,262	25							
			Total	31	100	15,770	100	754	100	178,669	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	3	9	1,758	12	85	11	19,087	11							
		2	Some	4	13	4,480	28	250	30	50,411	28							
		3	Quite a bit	13	41	5,342	34	221	30	61,805	34	3.1	2.7	.31	2.8	.28	2.8	.31
		4	Very much	12	37	4,196	26	199	29	47,526	26							
			Total	32	100	15,776	100	755	100	178,829	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	5	15	2,097	14	98	14	22,041	13							
		2	Some	6	17	5,115	33	236	30	58,238	33							
		3	Quite a bit	8	25	5,186	32	270	34	60,813	34	2.9	2.6 * ▲	.37	2.6	.32	2.6	.33
		4	Very much	13	42	3,363	20	152	21	37,529	21							
			Total	32	100	15,761	100	756	100	178,621	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	7	23	2,192	15	106	13	23,251	14							
		2	Some	5	15	5,005	32	247	30	56,189	32							
		3	Quite a bit	8	26	5,121	33	252	33	59,542	33	2.7	2.6	.15	2.7	.08	2.6	.12
		4	Very much	11	35	3,386	20	149	23	38,874	21							
			Total	31	100	15,704	100	754	100	177,856	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

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	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	2	7	341	3	15	3	2,853	2							
		2	Fair	6	20	2,234	16	105	16	20,294	12							
		3	Good	19	60	8,227	52	394	49	87,927	50	2.8	3.1 *	-.37	3.1	-.38	3.2 **	-.56
		4	Excellent	5	13	5,068	29	247	32	68,658	36		▼				▼	
			Total	32	100	15,870	100	761	100	179,732	100							
19. If you could start over again, would you go to the *same institution* you are now attending?																		
	sameinst	1	Definitely no	5	16	708	5	26	4	6,601	4							
		2	Probably no	6	19	2,260	16	105	17	22,058	13							
		3	Probably yes	13	41	6,936	44	341	43	74,086	42	2.7	3.1	-.44	3.1 *	-.45	3.2 *	-.60
		4	Definitely yes	8	24	5,964	35	292	37	77,077	42				▼		▼	
			Total	32	100	15,868	100	764	100	179,822	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 21

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

				Frequency Distributions[a]									Statistical Comparisons[b]						
														Your seniors compared with					
				NYCCT		Mid East Public		Carnegie Class		NSSE 2014 & 2015		NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]

1. During the current school year, about how often have you done the following?

Item wording or description	Variable name	Values	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
a. Asked questions or contributed to course discussions in other ways	askquest	1	Never	4	6	707	3	24	2	6,698	2							
		2	Sometimes	24	27	6,445	25	253	17	67,339	23							
		3	Often	30	34	8,840	32	461	31	95,837	31	2.9	3.1	-.19	3.3 ***	-.43	3.2 *	-.26
		4	Very often	30	33	11,660	41	727	51	137,827	44				▼		▽	
			Total	88	100	27,652	100	1,465	100	307,701	100							
b. Prepared two or more drafts of a paper or assignment before turning it in	drafts	1	Never	13	14	6,397	23	252	17	62,145	20							
		2	Sometimes	23	27	9,852	35	489	33	106,719	34							
		3	Often	30	36	6,407	24	379	26	76,182	25	2.7	2.4 **	.31	2.6	.09	2.5 *	.21
		4	Very often	24	23	4,810	18	335	24	60,786	20		▲				△	
			Total	90	100	27,466	100	1,455	100	305,832	100							
c. Come to class without completing readings or assignments *(Reverse-coded version of unprepared created by NSSE.)*	unpreparedr	1	Very often	5	6	1,811	7	64	4	19,533	7							
		2	Often	8	9	3,736	14	140	10	42,252	14							
		3	Sometimes	49	54	14,852	54	776	54	167,885	55	3.1	3.0	.19	3.1	-.03	3.0	.18
		4	Never	28	32	6,951	25	468	32	74,782	25							
			Total	90	100	27,350	100	1,448	100	304,452	100							
d. Attended an art exhibit, play or other arts performance (dance, music, etc.)	attendart	1	Never	33	40	11,124	42	694	49	122,557	43							
		2	Sometimes	35	43	10,347	38	472	33	112,707	37							
		3	Often	13	15	3,444	12	167	12	40,420	13	1.8	1.9	-.06	1.8	.04	1.9	-.06
		4	Very often	4	3	2,343	8	106	7	27,472	8							
			Total	85	100	27,258	100	1,439	100	303,156	100							
e. Asked another student to help you understand course material	CLaskhelp	1	Never	5	6	3,365	13	221	16	37,080	13							
		2	Sometimes	50	59	12,429	47	671	48	135,536	45							
		3	Often	20	23	7,381	26	357	24	84,569	27	2.4	2.4	.01	2.3	.09	2.4	-.02
		4	Very often	10	12	3,982	14	194	13	45,489	15							
			Total	85	100	27,157	100	1,443	100	302,674	100							
f. Explained course material to one or more students	CLexplain	1	Never	1	2	1,074	4	65	5	13,425	5							
		2	Sometimes	39	47	9,398	36	545	39	105,888	36							
		3	Often	27	32	10,158	37	501	34	112,918	37	2.7	2.8	-.10	2.7	-.05	2.8	-.09
		4	Very often	20	19	6,110	22	318	22	67,130	22							
			Total	87	100	26,740	100	1,429	100	299,361	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

Frequency Distributions[a]				Statistical Comparisons[b]			

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
g. Prepared for exams by discussing or working through course material with other students	CLstudy	1	Never	13	16	4,289	17	289	21	49,810	18							
		2	Sometimes	34	43	9,742	37	491	35	105,640	35							
		3	Often	24	27	7,368	27	366	25	82,064	27	2.4	2.5	-.08	2.4	-.03	2.5	-.09
		4	Very often	13	15	5,320	19	279	20	61,796	20							
			Total	84	100	26,719	100	1,425	100	299,310	100							
h. Worked with other students on course projects or assignments	CLproject	1	Never	2	3	1,567	6	123	9	16,759	6							
		2	Sometimes	21	27	8,091	32	448	32	85,975	29							
		3	Often	30	35	9,401	35	477	33	104,378	34	3.0	2.8 *	.22	2.8 *	.29	2.9	.14
		4	Very often	30	35	7,549	27	370	26	91,143	31		△		△			
			Total	83	100	26,608	100	1,418	100	298,255	100							
i. Given a course presentation	present	1	Never	7	9	2,377	10	188	14	29,227	11							
		2	Sometimes	22	29	8,186	33	384	27	90,719	31							
		3	Often	25	29	8,756	32	454	32	96,772	32	2.9	2.7	.13	2.7	.13	2.7	.13
		4	Very often	30	33	7,114	25	389	27	79,580	26							
			Total	84	100	26,433	100	1,415	100	296,298	100							

2. During the current school year, about how often have you done the following?

Item wording or description	Variable name	Values	Response options	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size	Carnegie Class Mean	Effect size	NSSE 2014 & 2015 Mean	Effect size
a. Combined ideas from different courses when completing assignments	RIintegrate	1	Never	7	10	819	3	59	4	8,257	3							
		2	Sometimes	23	30	6,401	26	344	25	70,560	25							
		3	Often	34	39	10,222	39	546	40	114,764	39	2.7	3.0 *	-.31	3.0 *	-.29	3.0 **	-.36
		4	Very often	19	22	8,566	32	453	31	98,375	33		▼		▽		▼	
			Total	83	100	26,008	100	1,402	100	291,956	100							
b. Connected your learning to societal problems or issues	RIsocietal	1	Never	10	14	1,538	7	105	7	16,031	6							
		2	Sometimes	26	31	7,719	31	422	31	83,303	29							
		3	Often	33	37	9,147	35	488	35	104,333	36	2.6	2.8 **	-.29	2.8 *	-.26	2.9 **	-.34
		4	Very often	14	17	7,282	27	381	27	85,244	29		▽		▽		▼	
			Total	83	100	25,686	100	1,396	100	288,911	100							
c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments	RIdiverse	1	Never	21	26	2,717	12	161	12	28,495	11							
		2	Sometimes	34	43	8,820	35	486	35	95,905	34							
		3	Often	17	19	8,096	31	436	32	92,242	31	2.2	2.6 ***	-.50	2.6 ***	-.49	2.7 ***	-.54
		4	Very often	10	12	6,081	23	312	21	72,372	24		▼		▼		▼	
			Total	82	100	25,714	100	1,395	100	289,014	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

Frequency Distributions[a] **Statistical Comparisons[b]**

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
d. Examined the strengths and weaknesses of your own views on a topic or issue	RIownview	1	Never	7	9	1,285	5	61	4	12,484	5							
		2	Sometimes	28	35	7,774	31	395	28	82,468	29							
		3	Often	34	40	10,232	40	584	43	117,344	40	2.6	2.8 * ▽	-.24	2.9 * ▼	-.30	2.9 ** ▼	-.31
		4	Very often	13	16	6,346	24	349	25	76,024	26							
			Total	82	100	25,637	100	1,389	100	288,320	100							
e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective	RIperspect	1	Never	2	3	902	4	41	3	9,104	4							
		2	Sometimes	35	44	6,820	27	370	27	72,644	25							
		3	Often	27	30	10,497	41	577	42	119,435	41	2.7	2.9 * ▽	-.24	2.9 * ▽	-.27	3.0 ** ▽	-.29
		4	Very often	19	23	7,378	28	401	28	86,572	30							
			Total	83	100	25,597	100	1,389	100	287,755	100							
f. Learned something that changed the way you understand an issue or concept	RInewview	1	Never	2	3	555	2	24	2	5,890	2							
		2	Sometimes	30	36	6,951	28	405	30	76,494	27							
		3	Often	26	33	10,740	42	545	40	119,335	41	2.9	2.9	-.12	3.0	-.12	3.0	-.15
		4	Very often	24	28	7,287	27	406	29	85,257	29							
			Total	82	100	25,533	100	1,380	100	286,976	100							
g. Connected ideas from your courses to your prior experiences and knowledge	RIconnect	1	Never	3	4	296	1	15	1	2,892	1							
		2	Sometimes	19	24	3,939	16	229	17	41,521	15							
		3	Often	32	40	10,520	42	543	39	117,937	41	3.0	3.2 * ▽	-.28	3.2 * ▽	-.29	3.3 ** ▼	-.33
		4	Very often	29	32	10,643	41	587	42	123,386	43							
			Total	83	100	25,398	100	1,374	100	285,736	100							

3. During the current school year, about how often have you done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
a. Talked about career plans with a faculty member	SFcareer	1	Never	16	23	4,065	18	245	19	46,603	18							
		2	Sometimes	37	43	9,604	39	469	35	110,704	39							
		3	Often	18	21	6,415	24	367	25	72,856	24	2.3	2.4	-.19	2.5	-.22	2.4	-.18
		4	Very often	13	14	5,419	19	298	21	56,554	18							
			Total	84	100	25,503	100	1,379	100	286,717	100							
b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.)	SFotherwork	1	Never	43	54	10,455	44	597	46	120,284	45							
		2	Sometimes	28	33	7,494	29	383	27	83,447	28							
		3	Often	6	6	4,005	15	213	15	45,861	15	1.7	2.0 ** ▽	-.29	1.9 * ▽	-.27	1.9 * ▽	-.27
		4	Very often	7	7	3,456	12	179	12	36,069	12							
			Total	84	100	25,410	100	1,372	100	285,661	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
c. Discussed course topics, ideas, or concepts with a faculty member outside of class	SFdiscuss	1	Never	25	34	5,836	25	330	26	69,378	26	2.1	2.2	-.19	2.3	-.22	2.2	-.16
		2	Sometimes	34	38	10,111	40	491	36	113,457	39							
		3	Often	14	16	5,725	22	322	23	63,299	21							
		4	Very often	10	11	3,692	13	228	15	39,280	13							
			Total	83	100	25,364	100	1,371	100	285,414	100							
d. Discussed your academic performance with a faculty member	SFperform	1	Never	29	40	5,214	23	268	21	61,050	23	1.9	2.3 *** ▼	-.41	2.3 *** ▼	-.49	2.2 *** ▼	-.39
		2	Sometimes	33	38	10,692	43	552	41	124,347	44							
		3	Often	14	16	5,681	21	328	23	62,531	21							
		4	Very often	6	5	3,697	14	217	15	36,741	12							
			Total	82	100	25,284	100	1,365	100	284,669	100							

4. During the current school year, how much has your coursework emphasized the following?

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
a. Memorizing course material	memorize	1	Very little	9	10	1,862	7	90	7	25,216	9	2.8	2.8	-.03	2.8	.06	2.8	.06
		2	Some	19	22	7,089	27	445	32	86,479	30							
		3	Quite a bit	34	42	9,799	39	537	40	105,365	37							
		4	Very much	23	25	6,565	26	297	22	68,401	24							
			Total	85	100	25,315	100	1,369	100	285,461	100							
b. Applying facts, theories, or methods to practical problems or new situations	HOapply	1	Very little	3	4	749	3	35	2	7,705	3	3.2	3.1	.06	3.1	.01	3.1	.01
		2	Some	12	13	4,589	19	249	19	48,663	17							
		3	Quite a bit	38	45	10,434	41	560	40	119,133	42							
		4	Very much	33	38	9,449	37	522	38	108,698	38							
			Total	86	100	25,221	100	1,366	100	284,199	100							
c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts	HOanalyze	1	Very little	6	8	896	4	36	3	9,274	4	3.0	3.1	-.07	3.1	-.09	3.1	-.11
		2	Some	14	17	4,886	20	279	21	52,343	19							
		3	Quite a bit	32	39	9,914	39	541	39	113,221	40							
		4	Very much	32	36	9,422	37	507	37	108,672	38							
			Total	84	100	25,118	100	1,363	100	283,510	100							
d. Evaluating a point of view, decision, or information source	HOevaluate	1	Very little	9	12	1,330	6	46	3	13,675	5	2.8	3.0	-.12	3.1	-.23	3.0	-.16
		2	Some	19	23	5,819	24	291	22	63,043	23							
		3	Quite a bit	28	33	9,896	39	559	41	113,527	40							
		4	Very much	29	32	8,123	31	470	34	93,227	32							
			Total	85	100	25,168	100	1,366	100	283,472	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

NSSE national survey of student engagement

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]
Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
e. Forming a new idea or understanding from various pieces of information	HOform	1	Very little	7	9	1,255	6	45	3	12,271	5	2.9	3.0	-.04	3.0	-.13	3.0	-.10
		2	Some	17	22	5,828	24	311	23	62,251	22							
		3	Quite a bit	32	38	10,015	39	547	40	115,515	41							
		4	Very much	29	32	7,985	31	456	33	92,822	32							
			Total	85	100	25,083	100	1,359	100	282,859	100							

5. During the current school year, to what extent have your instructors done the following?

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
a. Clearly explained course goals and requirements	ETgoals	1	Very little	6	7	504	2	37	2	5,701	2	3.3	3.2	.20	3.2	.19	3.2	.18
		2	Some	6	7	4,004	16	236	18	43,850	16							
		3	Quite a bit	25	31	10,729	43	552	39	121,615	42							
		4	Very much	48	55	10,083	39	549	41	114,346	40							
			Total	85	100	25,320	100	1,374	100	285,512	100							
b. Taught course sessions in an organized way	ETorganize	1	Very little	4	6	594	3	39	3	7,015	3	3.2	3.1	.10	3.2	.03	3.1	.05
		2	Some	13	16	4,602	19	246	18	47,471	17							
		3	Quite a bit	28	33	11,068	44	553	40	125,383	44							
		4	Very much	40	46	8,977	34	531	39	104,842	37							
			Total	85	100	25,241	100	1,369	100	284,711	100							
c. Used examples or illustrations to explain difficult points	ETexample	1	Very little	3	3	764	3	59	4	8,479	3	3.2	3.1	.08	3.2	.03	3.2	.04
		2	Some	17	21	4,603	19	241	17	48,662	18							
		3	Quite a bit	23	28	9,973	40	510	37	111,589	39							
		4	Very much	40	47	9,842	38	555	42	115,332	40							
			Total	83	100	25,182	100	1,365	100	284,062	100							
d. Provided feedback on a draft or work in progress	ETdraftfb	1	Very little	8	12	2,585	11	136	10	28,028	11	2.9	2.8	.09	2.9	-.01	2.8	.05
		2	Some	20	27	6,959	29	362	26	76,393	27							
		3	Quite a bit	24	27	8,350	32	432	31	94,153	33							
		4	Very much	32	35	7,257	28	437	33	85,324	29							
			Total	84	100	25,151	100	1,367	100	283,898	100							
e. Provided prompt and detailed feedback on tests or completed assignments	ETfeedback	1	Very little	9	10	1,762	8	108	8	18,787	7	2.9	2.8	.09	2.9	.00	2.9	.04
		2	Some	21	27	6,804	29	333	24	72,092	26							
		3	Quite a bit	20	24	9,224	36	478	35	107,529	37							
		4	Very much	34	39	7,262	28	439	33	84,400	29							
			Total	84	100	25,052	100	1,358	100	282,808	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

				Frequency Distributions[a]								Statistical Comparisons[b]						
													Your seniors compared with					
				NYCCT		Mid East Public		Carnegie Class		NSSE 2014 & 2015		NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
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	12	15	3,853	15	169	12	38,192	13	2.7	2.6	.10	2.7	.03	2.7	.04
		2	Sometimes	22	27	8,103	32	440	31	91,784	32							
		3	Often	27	31	7,997	32	457	35	92,253	33							
		4	Very often	25	26	5,306	21	308	22	62,881	23							
			Total	86	100	25,259	100	1,374	100	285,110	100							
b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)	QRproblem	1	Never	15	19	5,301	21	258	20	54,072	19	2.5	2.4	.11	2.4	.08	2.4	.05
		2	Sometimes	30	36	9,115	36	499	36	103,216	36							
		3	Often	19	21	6,559	26	366	27	77,403	28							
		4	Very often	21	24	4,232	17	246	17	49,799	18							
			Total	85	100	25,207	100	1,369	100	284,490	100							
c. Evaluated what others have concluded from numerical information	QRevaluate	1	Never	17	22	4,895	20	266	20	50,024	17	2.4	2.4	-.01	2.4	.03	2.4	-.07
		2	Sometimes	29	36	9,410	37	534	39	105,969	37							
		3	Often	23	25	6,927	28	357	26	80,689	29							
		4	Very often	15	18	3,913	16	205	15	46,976	17							
			Total	84	100	25,145	100	1,362	100	283,658	100							
7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.)																		
a. Up to 5 pages *(Recoded version of* wrshort *created by NSSE. Values are estimated number of papers, reports, etc.)*	wrshortnum	0	None	10	14	1,181	6	84	7	13,558	6	6.9	7.3	-.07	7.3	-.05	7.7	-.12
		1.5	1-2	16	23	4,316	19	265	21	47,988	19							
		4	3-5	20	25	6,655	29	349	28	71,813	28							
		8	6-10	11	13	5,093	22	236	19	57,456	22							
		13	11-15	8	11	2,488	10	124	10	28,922	11							
		18	16-20	5	5	1,362	6	64	5	16,342	6							
		23	More than 20	7	10	1,834	8	123	9	24,737	9							
			Total	77	100	22,929	100	1,245	100	260,816	100							
b. Between 6 and 10 pages *(Recoded version of* wrmed *created by NSSE. Values are estimated number of papers, reports, etc.)*	wrmednum	0	None	22	29	4,315	20	281	24	50,674	21	5.4	3.4 * ▲	.48	3.0 ** ▲	.53	3.6 * ▲	.41
		1.5	1-2	14	21	8,350	37	464	38	91,102	35							
		4	3-5	12	13	6,047	26	285	23	68,627	26							
		8	6-10	12	19	2,669	12	127	10	30,860	12							
		13	11-15	6	10	752	3	39	3	9,396	4							
		18	16-20	4	4	290	1	5	0	3,885	2							
		23	More than 20	3	4	235	1	9	1	3,324	1							
			Total	73	100	22,658	100	1,210	100	257,868	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

Seniors

Frequency Distributions[a] / Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
c. 11 pages or more	wrlongnum	0	None	35	50	8,901	41	524	45	104,521	43							
(Recoded version of wrlong *created by NSSE. Values are estimated number of papers, reports, etc.)*		1.5	1-2	16	22	8,963	39	471	39	97,730	37							
		4	3-5	5	10	2,729	12	118	10	31,586	12							
		8	6-10	2	3	821	4	38	3	9,776	4	3.8	2.0 * ▲	.48	1.8 * ▲	.42	2.0 * ▲	.49
		13	11-15	4	6	354	2	14	1	3,958	2							
		18	16-20	2	2	158	1	7	1	1,960	1							
		23	More than 20	5	8	237	1	12	1	2,814	1							
			Total	69	100	22,163	100	1,184	100	252,345	100							
Estimated number of assigned pages of student writing. *(Continuous variable, recoded and summed by NSSE from* wrshort, wrmed, *and* wrlong. *Values are estimated pages of assigned writing.)*	wrpages											118.3	77.0 * ▲	.49	70.0 * ▲	.46	79.0 * ▲	.45

8. During the current school year, about how often have you had discussions with people from the following groups?

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
a. People of a race or ethnicity other than your own	DDrace	1	Never	6	8	1,046	4	92	7	12,198	5							
		2	Sometimes	12	17	4,961	20	317	25	61,158	22							
		3	Often	27	35	6,757	28	343	26	75,246	28	3.1	3.2	-.14	3.0	.03	3.1	-.09
		4	Very often	37	40	10,998	48	538	42	121,308	46							
			Total	82	100	23,762	100	1,290	100	269,910	100							
b. People from an economic background other than your own	DDeconomic	1	Never	5	7	962	4	67	5	10,441	4							
		2	Sometimes	23	29	4,964	21	296	23	56,744	21							
		3	Often	22	28	7,761	32	390	30	88,001	32	2.9	3.1 * ▽	-.24	3.1	-.18	3.1 * ▽	-.25
		4	Very often	32	35	9,987	42	532	42	113,979	43							
			Total	82	100	23,674	100	1,285	100	269,165	100							
c. People with religious beliefs other than your own	DDreligion	1	Never	5	7	1,228	5	94	7	15,753	6							
		2	Sometimes	18	24	5,367	22	336	26	65,195	24							
		3	Often	22	29	6,997	29	371	28	78,464	29	3.0	3.1	-.10	3.0	.03	3.1	-.05
		4	Very often	36	40	10,048	43	484	39	109,211	41							
			Total	81	100	23,640	100	1,285	100	268,623	100							
d. People with political views other than your own	DDpolitical	1	Never	6	9	1,357	6	90	7	14,436	6							
		2	Sometimes	20	25	5,729	25	307	23	64,644	24							
		3	Often	26	33	7,227	30	396	31	83,104	31	2.9	3.0	-.12	3.0	-.11	3.0	-.16
		4	Very often	29	33	9,188	39	481	39	105,223	40							
			Total	81	100	23,501	100	1,274	100	267,407	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

				Frequency Distributions[a]								**Statistical Comparisons**[b]						
													Your seniors compared with					
				NYCCT		Mid East Public		Carnegie Class		NSSE 2014 & 2015		NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
9. During the current school year, about how often have you done the following?																		
a. Identified key information from reading assignments	LSreading	1	Never	2	2	511	2	22	2	5,076	2	**3.2**	3.2	.04	3.3	-.06	3.3	-.01
		2	Sometimes	10	14	3,705	16	183	14	39,845	15							
		3	Often	35	43	9,227	39	503	39	102,007	38							
		4	Very often	35	42	10,186	42	582	46	121,670	45							
			Total	82	100	23,629	100	1,290	100	268,598	100							
b. Reviewed your notes after class	LSnotes	1	Never	4	5	1,694	8	74	5	19,565	7	**3.1**	2.8 * △	.23	3.0	.06	2.9	.19
		2	Sometimes	17	22	7,181	31	328	25	79,401	29							
		3	Often	27	33	7,268	31	406	32	81,663	31							
		4	Very often	33	40	7,416	31	471	38	87,158	33							
			Total	81	100	23,559	100	1,279	100	267,787	100							
c. Summarized what you learned in class or from course materials	LSsummary	1	Never	4	6	1,566	7	71	5	17,643	7	**3.0**	2.9	.16	3.0	.03	2.9	.11
		2	Sometimes	19	24	6,576	29	331	27	73,155	27							
		3	Often	27	31	8,063	35	426	33	90,935	34							
		4	Very often	29	38	7,058	29	433	35	83,137	32							
			Total	79	100	23,263	100	1,261	100	264,870	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	2	141	1	6	0	1,512	1	**5.5**	5.6	-.04	5.8	-.17	5.7	-.11
		2		1	2	310	1	23	2	3,144	1							
		3		6	8	727	3	29	2	7,305	3							
		4		8	10	2,166	10	100	7	21,930	8							
		5		18	23	6,649	28	327	24	72,651	27							
		6		19	21	7,399	31	387	30	86,473	32							
		7	Very much	29	35	6,131	26	406	33	74,643	28							
			Total	82	100	23,523	100	1,278	100	267,658	100							
11. Which of the following have you done or do you plan to do before you graduate?[f]																		
a. Participate in an internship, co-op, field experience, student teaching, or clinical placement *(Means indicate the percentage who responded "Done or in progress.")*	intern		Have not decided	4	6	1,559	7	103	9	18,616	8	**51%**	54%	-.07	47%	.09	51%	.00
			Do not plan to do	6	9	3,905	16	270	23	46,632	18							
			Plan to do	27	34	4,882	22	267	21	58,100	23							
			Done or in progress	43	51	13,185	54	639	47	144,421	51							
			Total	80	100	23,531	100	1,279	100	267,769	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

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NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

				Frequency Distributions[a]									Statistical Comparisons[b]						
											NSSE 2014 & 2015				Your seniors compared with					
				NYCCT		Mid East Public		Carnegie Class					NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
b. Hold a formal leadership role in a student organization or group (Means indicate the percentage who responded "Done or in progress.")	leader		Have not decided	14	19	2,169	10	117	10	25,232	10	21%	37% ** ▼	-.38	32%	-.27	36% ** ▼	-.35
			Do not plan to do	40	53	10,025	45	648	52	117,986	46							
			Plan to do	8	8	1,771	8	81	7	19,512	8							
			Done or in progress	18	21	9,494	37	427	32	104,301	36							
			Total	80	100	23,459	100	1,273	100	267,031	100							
c. Participate in a learning community or some other formal program where groups of students take two or more classes together (Means indicate the percentage who responded "Done or in progress.")	learncom		Have not decided	15	19	2,713	12	179	15	30,788	12	14%	25% * ▽	-.28	22%	-.22	25% * ▽	-.29
			Do not plan to do	39	51	12,582	54	683	54	142,999	54							
			Plan to do	14	16	2,111	10	116	9	22,803	9							
			Done or in progress	11	14	5,992	25	294	22	69,925	25							
			Total	79	100	23,398	100	1,272	100	266,515	100							
d. Participate in a study abroad program (Means indicate the percentage who responded "Done or in progress.")	abroad		Have not decided	21	28	2,514	11	144	12	28,706	12	4%	14% * ▼	-.35	7%	-.12	15% ** ▼	-.37
			Do not plan to do	44	56	15,841	67	954	75	174,560	66							
			Plan to do	10	12	1,660	8	75	6	18,892	8							
			Done or in progress	4	4	3,379	14	100	7	44,162	15							
			Total	79	100	23,394	100	1,273	100	266,320	100							
e. Work with a faculty member on a research project (Means indicate the percentage who responded "Done or in progress.")	research		Have not decided	16	21	3,153	14	175	15	36,461	15	13%	26% * ▼	-.32	23%	-.25	25% * ▽	-.29
			Do not plan to do	35	47	11,161	47	643	51	127,292	48							
			Plan to do	16	19	2,737	13	142	12	31,777	13							
			Done or in progress	13	13	6,255	26	303	23	69,674	25							
			Total	80	100	23,306	100	1,263	100	265,204	100							
f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.) (Means indicate the percentage who responded "Done or in progress.")	capstone		Have not decided	16	20	2,204	10	100	9	22,282	9	23%	44% *** ▼	-.45	51% *** ▼	-.60	46% *** ▼	-.51
			Do not plan to do	19	26	6,044	27	192	16	54,222	21							
			Plan to do	25	31	4,150	19	300	25	58,211	23							
			Done or in progress	19	23	10,972	44	682	51	131,287	46							
			Total	79	100	23,370	100	1,274	100	266,002	100							

12. About how many of your courses at this institution have included a community-based project (service-learning)?

				Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size	Mean	Effect size	Mean	Effect size
	servcourse	1	None	36	47	10,008	46	519	41	97,443	39	1.7	1.6	.09	1.7	-.01	1.7	-.04
		2	Some	33	41	11,001	45	600	47	137,895	50							
		3	Most	6	7	1,979	8	132	10	26,113	9							
		4	All	4	6	323	1	22	2	4,194	2							
			Total	79	100	23,311	100	1,273	100	265,645	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

					Frequency Distributions[a]								Statistical Comparisons[b]						
														Your seniors compared with					
					NYCCT		Mid East Public		Carnegie Class		NSSE 2014 & 2015		NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options		Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
13. Indicate the quality of your interactions with the following people at your institution.																			
a. Students	QIstudent	1	Poor		2	3	323	2	12	1	2,926	1							
		2			2	2	444	2	17	1	4,166	2							
		3			2	3	935	4	46	3	9,731	4							
		4			8	9	2,227	10	116	9	22,290	9							
		5			14	18	5,388	23	254	19	57,697	22	**5.7**	5.6	.11	5.8	-.03	5.7	.04
		6			21	27	6,937	29	372	29	81,160	30							
		7	Excellent		33	39	7,103	30	441	35	87,556	32							
		—	Not applicable		0	0	171	1	28	2	2,150	1							
			Total		82	100	23,528	100	1,286	100	267,676	100							
b. Academic advisors	QIadvisor	1	Poor		9	12	1,532	7	67	6	13,165	5							
		2			4	5	1,527	7	66	6	13,868	5							
		3			6	9	1,911	9	81	7	19,364	7							
		4			7	9	2,953	13	113	9	30,924	12							
		5			15	18	4,005	17	192	15	46,333	17	**4.7**	4.9	-.10	5.3 *	-.32	5.2 *	-.26
		6			20	24	4,696	19	287	22	56,379	21				▼		▽	
		7	Excellent		17	18	6,428	26	458	35	83,347	31							
		—	Not applicable		4	6	426	2	16	1	3,748	2							
			Total		82	100	23,478	100	1,280	100	267,128	100							
c. Faculty	QIfaculty	1	Poor		7	9	425	2	26	2	3,868	2							
		2			4	5	629	3	33	3	5,551	2							
		3			7	9	1,137	5	48	4	11,378	5							
		4			4	5	2,648	12	108	8	26,326	10							
		5			16	20	5,449	23	256	20	57,082	22	**5.0**	5.4	-.28	5.6 **	-.39	5.5 **	-.42
		6			25	31	6,895	29	376	29	82,396	30				▼		▼	
		7	Excellent		18	20	5,978	25	410	32	77,047	28							
		—	Not applicable		1	1	139	1	14	1	1,804	1							
			Total		82	100	23,300	100	1,271	100	265,452	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

Seniors

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
d. Student services staff (career services, student activities, housing, etc.)	QIstaff	1	Poor	15	21	1,394	7	78	7	13,457	5							
		2		5	5	1,347	6	51	4	13,088	5							
		3		7	9	1,922	8	74	6	19,261	7							
		4		11	12	3,275	14	151	12	33,858	12	3.9	4.6 ** ▼	-.43	4.9 *** ▼	-.56	4.9 *** ▼	-.56
		5		14	19	4,509	19	210	16	48,453	18							
		6		13	14	4,064	17	243	18	49,361	18							
		7	Excellent	7	8	3,420	14	249	20	45,138	17							
		—	Not applicable	9	12	3,453	15	223	18	43,532	18							
			Total	81	100	23,384	100	1,279	100	266,148	100							
e. Other administrative staff and offices (registrar, financial aid, etc.)	QIadmin	1	Poor	11	15	1,737	8	81	7	15,161	6							
		2		6	7	1,634	7	72	5	15,709	6							
		3		12	15	2,302	10	92	8	23,071	9							
		4		9	11	3,788	16	173	13	39,733	15	4.2	4.5	-.17	4.9 ** ▼	-.39	4.8 ** ▼	-.35
		5		15	20	4,848	20	266	19	55,555	20							
		6		13	15	4,429	18	283	22	55,428	20							
		7	Excellent	12	14	3,547	15	279	22	49,354	19							
		—	Not applicable	2	4	1,155	5	30	3	12,578	5							
			Total	80	100	23,440	100	1,276	100	266,589	100							

14. How much does your institution emphasize the following?

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
a. Spending significant amounts of time studying and on academic work	empstudy	1	Very little	7	9	533	3	27	2	5,033	2							
		2	Some	11	16	3,792	17	201	16	38,976	16	3.0	3.1	-.19	3.2	-.23	3.2 * ▽	-.26
		3	Quite a bit	31	43	9,722	44	517	42	110,011	43							
		4	Very much	26	32	8,168	36	477	39	100,386	39							
			Total	75	100	22,215	100	1,222	100	254,406	100							
b. Providing support to help students succeed academically	SEacademic	1	Very little	10	14	1,296	7	67	6	11,983	5							
		2	Some	16	21	5,405	26	264	22	55,663	23	2.8	2.9	-.12	3.0	-.24	3.0	-.24
		3	Quite a bit	30	39	9,057	40	461	38	104,357	41							
		4	Very much	20	26	6,306	26	421	33	80,584	31							
			Total	76	100	22,064	100	1,213	100	252,587	100							
c. Using learning support services (tutoring services, writing center, etc.)	SElearnsup	1	Very little	9	13	2,043	10	111	10	20,401	9							
		2	Some	21	30	5,627	27	272	23	60,054	24	2.8	2.8	-.03	2.9	-.14	2.9	-.12
		3	Quite a bit	19	25	8,039	36	405	34	93,691	37							
		4	Very much	26	33	6,355	27	432	34	78,578	30							
			Total	75	100	22,064	100	1,220	100	252,724	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.)	SEdiverse	1	Very little	11	16	3,551	16	184	16	39,051	16	2.6	2.6	.04	2.6	.01	2.6	.02
		2	Some	19	25	6,995	31	349	29	78,635	31							
		3	Quite a bit	27	38	6,604	30	389	31	77,350	30							
		4	Very much	17	21	4,949	23	289	23	58,112	23							
			Total	74	100	22,099	100	1,211	100	253,148	100							
e. Providing opportunities to be involved socially	SEsocial	1	Very little	10	14	1,816	9	94	8	19,986	9	2.7	2.9	-.14	2.9	-.14	2.9	-.15
		2	Some	16	23	5,485	26	308	26	61,811	25							
		3	Quite a bit	32	40	8,343	38	452	37	95,129	37							
		4	Very much	17	23	6,426	28	358	29	75,941	29							
			Total	75	100	22,070	100	1,212	100	252,867	100							
f. Providing support for your overall well-being (recreation, health care, counseling, etc.)	SEwellness	1	Very little	14	17	2,239	11	144	13	26,926	12	2.5	2.8 * ▽	-.25	2.7	-.17	2.8 * ▽	-.25
		2	Some	26	35	5,714	27	323	27	64,269	26							
		3	Quite a bit	18	25	8,251	37	428	35	91,311	36							
		4	Very much	17	23	5,778	25	314	25	69,539	27							
			Total	75	100	21,982	100	1,209	100	252,045	100							
g. Helping you manage your non-academic responsibilities (work, family, etc.)	SEnonacad	1	Very little	33	44	7,373	35	397	34	81,633	33	2.0	2.1	-.08	2.1	-.12	2.1	-.11
		2	Some	16	21	7,408	34	386	32	86,637	34							
		3	Quite a bit	19	26	4,581	20	258	21	52,801	21							
		4	Very much	8	9	2,613	11	170	13	30,808	12							
			Total	76	100	21,975	100	1,211	100	251,879	100							
h. Attending campus activities and events (performing arts, athletic events, etc.)	SEactivities	1	Very little	22	29	2,606	13	177	16	33,368	15	2.3	2.7 *** ▼	-.41	2.6 * ▼	-.33	2.7 ** ▼	-.37
		2	Some	16	23	6,320	29	334	28	69,232	28							
		3	Quite a bit	29	38	7,796	35	426	35	87,410	34							
		4	Very much	7	10	5,216	23	270	21	61,243	24							
			Total	74	100	21,938	100	1,207	100	251,253	100							
i. Attending events that address important social, economic, or political issues	SEevents	1	Very little	15	21	3,726	18	249	21	45,258	19	2.4	2.5	-.11	2.4	-.06	2.4	-.09
		2	Some	27	36	7,808	36	392	33	86,234	35							
		3	Quite a bit	24	32	6,590	30	359	29	75,385	29							
		4	Very much	8	12	3,732	17	205	17	43,671	17							
			Total	74	100	21,856	100	1,205	100	250,548	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

				Frequency Distributions[a]								Statistical Comparisons[b]						
													Your seniors compared with					
				NYCCT		Mid East Public		Carnegie Class		NSSE 2014 & 2015		NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
15. 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 *(Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	1	1	105	1	4	0	940	0	**13.2**	14.1	-.10	14.2	-.11	14.8	-.17
		3	1-5 hrs	20	31	3,534	17	203	17	35,492	15							
		8	6-10 hrs	13	16	5,351	25	293	23	59,639	24							
		13	11-15 hrs	12	15	4,358	19	237	21	49,449	19							
		18	16-20 hrs	10	12	3,522	16	188	16	43,036	17							
		23	21-25 hrs	7	10	2,176	9	101	8	26,408	10							
		28	26-30 hrs	5	7	1,340	6	78	6	16,644	6							
		33	More than 30 hrs	7	8	1,656	8	110	8	20,776	8							
			Total	75	100	22,042	100	1,214	100	252,384	100							
b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)	tmcocurrhrs *(Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	46	67	8,379	41	639	55	104,354	44	**2.7**	5.1 ** ▼	-.33	3.6	-.14	4.7 ** ▽	-.28
		3	1-5 hrs	15	19	6,306	28	310	25	73,232	28							
		8	6-10 hrs	3	3	3,185	14	111	8	32,778	12							
		13	11-15 hrs	6	8	1,762	7	70	6	17,469	7							
		18	16-20 hrs	1	2	1,128	5	33	2	11,160	4							
		23	21-25 hrs	0	0	539	2	15	1	5,686	2							
		28	26-30 hrs	0	0	252	1	10	1	2,667	1							
		33	More than 30 hrs	1	2	370	2	23	2	3,633	1							
			Total	72	100	21,921	100	1,211	100	250,979	100							
c. Working for pay **on campus**	tmworkonhrs *(Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.)*	0	0 hrs	60	83	15,781	73	919	78	172,068	71	**2.4**	3.4	-.14	3.2	-.11	3.7	-.18
		3	1-5 hrs	2	2	1,145	5	58	4	13,963	5							
		8	6-10 hrs	6	7	1,941	8	63	4	23,732	8							
		13	11-15 hrs	2	2	1,238	6	57	4	16,692	6							
		18	16-20 hrs	1	2	973	5	49	4	15,147	6							
		23	21-25 hrs	1	1	347	2	19	2	4,555	2							
		28	26-30 hrs	1	1	131	1	9	1	1,882	1							
		33	More than 30 hrs	1	2	413	2	33	3	3,458	1							
			Total	74	100	21,969	100	1,207	100	251,497	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	NYCCT %	Mid East Public Count	Mid East Public %	Carnegie Class Count	Carnegie Class %	NSSE 2014 & 2015 Count	NSSE 2014 & 2015 %	NYCCT Mean	Mid East Public Mean	Mid East Public Effect size[e]	Carnegie Class Mean	Carnegie Class Effect size[e]	NSSE 2014 & 2015 Mean	NSSE 2014 & 2015 Effect size[e]
d. Working for pay **off campus**	tmworkoffhrs	0	0 hrs	27	34	10,447	46	524	40	114,186	44							
	(Recoded version	3	1-5 hrs	2	2	1,164	5	55	4	13,188	5							
	of tmworkoff	8	6-10 hrs	6	9	1,483	7	54	4	16,277	6							
	created by NSSE.	13	11-15 hrs	5	7	1,560	7	67	6	16,092	6							
	Values are	18	16-20 hrs	7	9	1,894	9	73	6	20,964	8	**15.7**	10.9 ** ▲	.39	14.5	.09	12.0 * △	.28
	estimated number	23	21-25 hrs	3	3	1,402	6	62	5	16,068	7							
	of hours per	28	26-30 hrs	2	2	1,076	5	74	6	12,099	5							
	week.)	33	More than 30 hrs	22	34	2,821	14	298	28	41,280	18							
			Total	74	100	21,847	100	1,207	100	250,154	100							
Estimated number of hours working for pay	tmworkhrs *(Continuous variable created by NSSE)*											**18.2**	14.2 * ▲	.31	17.6	.04	15.6	.20
e. Doing community service or volunteer work	tmservicehrs	0	0 hrs	50	68	11,375	53	659	55	120,464	49							
	(Recoded version	3	1-5 hrs	12	15	7,066	31	355	28	90,037	35							
	of tmservice	8	6-10 hrs	7	8	1,681	8	84	7	20,059	8							
	created by NSSE.	13	11-15 hrs	2	2	735	3	43	4	8,295	3							
	Values are	18	16-20 hrs	2	3	456	2	26	2	5,127	2	**2.9**	3.0	-.02	3.3	-.06	3.1	-.04
	estimated number	23	21-25 hrs	1	2	204	1	11	1	2,283	1							
	of hours per	28	26-30 hrs	0	0	96	0	5	1	1,115	0							
	week.)	33	More than 30 hrs	1	2	159	1	20	2	1,921	1							
			Total	75	100	21,772	100	1,203	100	249,301	100							
f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.)	tmrelaxhrs	0	0 hrs	4	6	654	3	54	6	6,951	3							
	(Recoded version	3	1-5 hrs	22	28	5,718	26	402	34	70,081	28							
	of tmrelax created	8	6-10 hrs	24	32	5,964	27	320	26	70,560	28							
	by NSSE. Values	13	11-15 hrs	7	8	4,030	18	167	14	44,793	18							
	are estimated	18	16-20 hrs	9	13	2,540	12	126	10	28,128	11	**10.3**	11.3	-.11	9.7	.07	10.7	-.05
	number of hours	23	21-25 hrs	3	4	1,270	6	59	5	13,265	5							
	per week.)	28	26-30 hrs	2	3	660	3	20	1	6,226	2							
		33	More than 30 hrs	3	5	1,042	5	57	5	10,389	4							
			Total	74	100	21,878	100	1,205	100	250,393	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 35

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

Frequency Distributions[a]

Statistical Comparisons[b]
Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
g. Providing care for dependents (children, parents, etc.) *(Recoded version of* tmcare *created by NSSE. Values are estimated number of hours per week.)*	tmcarehrs	0	0 hrs	28	38	14,799	65	611	46	161,158	62							
		3	1-5 hrs	14	16	2,564	12	158	13	27,065	11							
		8	6-10 hrs	11	15	1,121	6	64	6	12,942	6							
		13	11-15 hrs	5	7	703	3	61	5	8,031	3							
		18	16-20 hrs	2	3	489	3	48	4	6,929	3	9.7	5.0 ** ▲	.47	10.2	-.03	6.4 * △	.30
		23	21-25 hrs	2	3	312	2	24	2	3,894	2							
		28	26-30 hrs	2	3	232	1	20	2	3,112	1							
		33	More than 30 hrs	11	15	1,608	8	221	20	26,948	12							
			Total	75	100	21,828	100	1,207	100	250,079	100							
h. Commuting to campus (driving, walking, etc.) *(Recoded version of* tmcommute *created by NSSE. Values are estimated number of hours per week.)*	tmcommutehrs	0	0 hrs	3	4	4,473	17	311	22	52,383	19							
		3	1-5 hrs	25	35	10,990	50	581	50	135,234	53							
		8	6-10 hrs	27	36	3,999	20	203	18	40,364	17							
		13	11-15 hrs	10	11	1,336	7	62	6	12,273	5							
		18	16-20 hrs	1	1	534	3	19	2	5,015	2	9.2	5.5 *** ▲	.62	4.9 *** ▲	.64	4.8 *** ▲	.80
		23	21-25 hrs	2	4	241	1	14	2	2,215	1							
		28	26-30 hrs	1	1	110	1	6	1	1,131	1							
		33	More than 30 hrs	5	7	279	1	14	1	2,646	1							
			Total	74	100	21,962	100	1,210	100	251,261	100							

16. Of the time you spend preparing for class in a typical 7-day week, about how much is on *assigned reading*?

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
	reading	1	Very little	7	9	2,806	13	143	12	30,073	12							
		2	Some	19	25	5,884	27	321	26	63,957	26							
		3	About half	14	18	5,810	26	372	31	69,214	28	3.1	2.9	.19	2.9	.19	2.9	.17
		4	Most	29	38	5,176	24	260	22	60,635	24							
		5	Almost all	6	10	2,219	10	109	9	26,859	10							
			Total	75	100	21,895	100	1,205	100	250,738	100							
(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)*	tmreadinghrs											8.0	7.0	.15	7.1	.13	7.4	.09

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 36

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

				Frequency Distributions[a]									Statistical Comparisons[b]					
														Your seniors compared with				
				NYCCT		Mid East Public		Carnegie Class		NSSE 2014 & 2015		NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
tmreadinghrscol		1	0 hrs	1	1	98	1	3	0	879	0							
(Collapsed version of tmreadinghrs *created by NSSE.)*		2	More than zero, up to 5 hrs	33	45	10,523	49	590	49	111,638	46							
		3	More than 5, up to 10 hrs	20	26	6,140	28	336	29	75,055	30							
		4	More than 10, up to 15 hrs	7	9	2,231	10	113	9	27,772	11							
		5	More than 15, up to 20 hrs	4	7	1,328	6	85	7	16,436	6							
		6	More than 20, up to 25 hrs	9	10	1,021	5	48	4	12,251	5							
		7	More than 25 hrs	1	2	420	2	26	2	5,309	2							
			Total	75	100	21,761	100	1,201	100	249,340	100							

17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
a. Writing clearly and effectively	pgwrite	1	Very little	9	13	1,513	7	70	5	14,685	6							
		2	Some	10	12	4,582	21	230	18	50,609	21							
		3	Quite a bit	30	41	7,971	36	419	34	90,655	36	3.0	3.0	-.04	3.1	-.17	3.0	-.09
		4	Very much	26	34	7,934	36	494	42	95,874	37							
			Total	75	100	22,000	100	1,213	100	251,823	100							
b. Speaking clearly and effectively	pgspeak	1	Very little	6	8	1,680	8	95	7	18,620	8							
		2	Some	9	12	4,847	23	224	19	55,297	23							
		3	Quite a bit	27	38	8,002	36	430	35	90,494	36	3.1	2.9	.21	3.1	.08	2.9	.19
		4	Very much	31	42	7,397	33	461	39	86,535	34							
			Total	73	100	21,926	100	1,210	100	250,946	100							
c. Thinking critically and analytically	pgthink	1	Very little	2	3	618	3	37	3	6,134	3							
		2	Some	12	16	3,103	15	159	12	30,856	13							
		3	Quite a bit	26	38	7,927	36	430	35	88,666	35	3.2	3.2	-.05	3.3	-.12	3.3	-.13
		4	Very much	33	43	10,245	46	581	49	125,146	49							
			Total	73	100	21,893	100	1,207	100	250,802	100							
d. Analyzing numerical and statistical information	pganalyze	1	Very little	8	11	2,753	12	140	11	28,939	11							
		2	Some	16	22	6,048	27	326	26	67,051	26							
		3	Quite a bit	25	35	6,823	31	405	34	77,721	31	2.9	2.8	.09	2.8	.08	2.8	.04
		4	Very much	25	32	6,279	29	336	28	77,021	32							
			Total	74	100	21,903	100	1,207	100	250,732	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE national survey of student engagement

Seniors

Frequency Distributions[a] — Statistical Comparisons[b]

Your seniors compared with

Item wording or description	Variable name[c]	Values[d]	Response options	NYCCT Count	%	Mid East Public Count	%	Carnegie Class Count	%	NSSE 2014 & 2015 Count	%	NYCCT Mean	Mid East Public Mean	Effect size[e]	Carnegie Class Mean	Effect size[e]	NSSE 2014 & 2015 Mean	Effect size[e]
e. Acquiring job- or work-related knowledge and skills	pgwork	1	Very little	8	11	2,145	11	81	7	21,355	9							
		2	Some	13	17	5,146	25	244	20	56,410	23							
		3	Quite a bit	20	29	6,991	31	378	31	81,968	32	3.0	2.9	.17	3.1	-.04	2.9	.09
		4	Very much	33	42	7,654	33	507	41	91,410	36							
			Total	74	100	21,936	100	1,210	100	251,143	100							
f. Working effectively with others	pgothers	1	Very little	4	5	1,192	6	70	5	12,409	6							
		2	Some	9	14	4,680	23	244	20	51,018	21							
		3	Quite a bit	25	32	7,882	36	414	34	91,407	36	3.2	3.0 *	.27	3.1	.17	3.1	.21
		4	Very much	36	49	8,126	35	479	40	95,670	37		△					
			Total	74	100	21,880	100	1,207	100	250,504	100							
g. Developing or clarifying a personal code of values and ethics	pgvalues	1	Very little	8	11	2,751	14	150	12	28,449	13							
		2	Some	12	16	5,601	26	283	23	60,539	25							
		3	Quite a bit	22	33	6,745	30	354	30	78,813	31	3.0	2.7 *	.28	2.9	.18	2.8	.22
		4	Very much	31	41	6,811	29	418	34	83,026	32		△					
			Total	73	100	21,908	100	1,205	100	250,827	100							
h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.)	pgdiverse	1	Very little	7	9	2,293	11	151	12	26,411	11							
		2	Some	16	22	5,957	27	306	26	66,494	27							
		3	Quite a bit	20	28	6,940	31	338	28	79,954	31	3.0	2.8	.20	2.8	.18	2.8	.20
		4	Very much	31	41	6,727	31	409	34	78,116	31							
			Total	74	100	21,917	100	1,204	100	250,975	100							
i. Solving complex real-world problems	pgprobsolve	1	Very little	11	13	2,413	12	116	10	24,283	10							
		2	Some	13	20	6,066	28	345	29	66,964	27							
		3	Quite a bit	22	33	7,216	32	384	32	85,470	34	2.9	2.8	.15	2.8	.08	2.8	.08
		4	Very much	28	35	6,202	27	363	30	74,058	29							
			Total	74	100	21,897	100	1,208	100	250,775	100							
j. Being an informed and active citizen	pgcitizen	1	Very little	11	16	3,049	15	174	14	32,685	14							
		2	Some	13	19	6,430	30	364	30	72,301	29							
		3	Quite a bit	20	26	6,716	30	326	27	78,644	31	2.9	2.6 *	.25	2.7	.18	2.7	.20
		4	Very much	30	40	5,628	25	337	29	65,989	26		△					
			Total	74	100	21,823	100	1,201	100	249,619	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 FREQUENCIES AND STATISTICAL COMPARISONS • 38

NSSE 2015 Frequencies and Statistical Comparisons
CUNY New York City College of Technology

Seniors

				Frequency Distributions[a]								Statistical Comparisons[b]						
													Your seniors compared with					
				NYCCT		Mid East Public		Carnegie Class		NSSE 2014 & 2015		NYCCT	Mid East Public		Carnegie Class		NSSE 2014 & 2015	
Item wording or description	Variable name[c]	Values[d]	Response options	Count	%	Count	%	Count	%	Count	%	Mean	Mean	Effect size[e]	Mean	Effect size[e]	Mean	Effect size[e]
18. How would you evaluate your entire educational experience at this institution?																		
	evalexp	1	Poor	6	8	569	3	36	3	5,518	2							
		2	Fair	19	25	2,811	14	140	11	26,974	11							
		3	Good	32	43	10,513	48	577	48	111,416	45	2.8	3.2 **	-.43	3.2 **	-.45	3.3 ***	-.56
		4	Excellent	18	24	8,123	35	460	37	108,143	41		▼		▼		▼	
			Total	75	100	22,016	100	1,213	100	252,051	100							
19. If you could start over again, would you go to the *same institution* you are now attending?																		
	sameinst	1	Definitely no	9	10	1,256	6	63	6	11,881	5							
		2	Probably no	16	22	3,147	15	173	14	32,406	13							
		3	Probably yes	28	36	8,862	40	519	42	97,218	39	2.9	3.1 *	-.27	3.1 *	-.28	3.2 **	-.38
		4	Definitely yes	22	31	8,783	39	460	38	110,835	43		▽		▽		▼	
			Total	75	100	22,048	100	1,215	100	252,340	100							

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics[g]
CUNY New York City College of Technology

First-Year Students

Variable Name	N NYCCT	Mean NYCCT	Mean Mid East Public	Mean Carnegie Class	Mean NSSE 2014 & 2015	SE NYCCT	SE Mid East Public	SE Carnegie Class	SE NSSE 2014 & 2015	SD NYCCT	SD Mid East Public	SD Carnegie Class	SD NSSE 2014 & 2015	df Mid East Public	df Carnegie Class	df NSSE 2014 & 2015	Sig Mid East Public	Sig Carnegie Class	Sig NSSE 2014 & 2015	ES Mid East Public	ES Carnegie Class	ES NSSE 2014 & 2015
1 a. askquest	38	2.75	2.84	3.00	2.89	.153	.014	.061	.004	.94	.86	.86	.86	3,736	235	38,095	.529	.111	.329	-.10	-.28	-.16
b. drafts	38	2.67	2.51	2.64	2.55	.161	.016	.071	.005	.99	.99	1.00	.99	3,718	235	37,838	.301	.835	.444	.17	.04	.12
c. unpreparedr	38	3.34	3.02	3.18	3.02	.125	.013	.058	.004	.77	.79	.81	.78	3,694	230	37,614	.015	.281	.012	.40	.19	.41
d. attendart	38	1.65	1.97	1.98	1.99	.121	.016	.071	.005	.74	.94	.99	.95	3,673	231	37,395	.036	.050	.029	-.34	-.35	-.36
e. CLaskhelp	38	2.38	2.58	2.45	2.58	.138	.015	.065	.005	.85	.88	.91	.89	3,651	233	37,257	.157	.633	.150	-.23	-.08	-.23
f. CLexplain	38	2.81	2.73	2.72	2.72	.130	.014	.059	.004	.80	.82	.82	.83	3,576	228	36,667	.565	.536	.523	.09	.11	.10
g. CLstudy	37	2.53	2.55	2.46	2.55	.157	.016	.072	.005	.95	.96	.99	.97	3,576	226	36,659	.902	.679	.925	-.02	.07	-.02
h. CLproject	37	2.75	2.60	2.58	2.64	.129	.015	.064	.005	.78	.87	.88	.87	3,554	226	36,438	.306	.264	.441	.17	.20	.13
i. present	37	2.54	2.25	2.27	2.30	.152	.015	.068	.005	.92	.89	.93	.91	3,519	224	36,106	.047	.101	.105	.33	.30	.27
2 a. RIintegrate	33	2.65	2.67	2.67	2.69	.146	.015	.067	.005	.85	.87	.91	.86	3,425	219	35,292	.857	.911	.756	-.03	-.02	-.05
b. RIsocietal	33	2.52	2.62	2.63	2.64	.141	.015	.069	.005	.81	.88	.94	.88	3,381	217	34,877	.514	.535	.454	-.11	-.12	-.13
c. RIdiverse	33	2.39	2.57	2.59	2.60	.149	.015	.070	.005	.86	.90	.95	.90	3,380	217	34,863	.244	.258	.168	-.20	-.21	-.24
d. RIownview	33	2.73	2.76	2.83	2.80	.157	.014	.062	.004	.91	.84	.84	.83	3,364	217	34,722	.858	.543	.638	-.03	-.11	-.08
e. RIperspect	33	2.91	2.86	2.90	2.90	.132	.014	.061	.004	.76	.83	.83	.82	3,351	215	34,637	.708	.936	.905	.07	.02	.02
f. RInewview	33	2.93	2.84	2.93	2.87	.122	.014	.060	.004	.71	.81	.82	.81	33	214	33	.470	.993	.621	.11	.00	.08
g. RIconnect	33	3.09	3.06	3.11	3.09	.116	.014	.059	.004	.67	.78	.79	.78	33	51	33	.760	.897	.971	.05	-.02	.01
3 a. SFcareer	35	2.29	2.18	2.22	2.23	.174	.016	.071	.005	1.03	.93	.96	.92	3,339	216	34,475	.476	.710	.672	.12	.07	.07
b. SFotherwork	35	1.66	1.74	1.76	1.75	.138	.016	.072	.005	.81	.92	.97	.92	3,324	215	34,325	.600	.542	.553	-.09	-.11	-.10
c. SFdiscuss	35	2.16	2.01	2.02	2.03	.161	.016	.069	.005	.95	.92	.92	.91	3,318	215	34,265	.350	.427	.387	.16	.15	.15
d. SFperform	35	2.33	2.13	2.24	2.15	.142	.016	.068	.005	.84	.91	.91	.90	3,304	214	34,152	.204	.582	.244	.22	.10	.20
4 a. memorize	36	3.22	3.05	3.04	2.97	.122	.014	.058	.004	.73	.81	.77	.83	3,311	212	34,257	.213	.209	.080	.21	.23	.29
b. HOapply	35	3.19	2.98	3.00	2.99	.139	.015	.064	.004	.82	.84	.85	.82	3,297	209	34,077	.154	.234	.162	.24	.22	.24
c. HOanalyze	34	3.07	2.98	2.99	3.00	.126	.015	.064	.005	.74	.85	.84	.83	3,282	207	33,923	.524	.605	.607	.11	.10	.09
d. HOevaluate	35	3.10	2.92	2.95	2.95	.137	.015	.064	.005	.80	.85	.85	.83	3,280	208	33,933	.223	.350	.277	.21	.17	.19
e. HOform	36	3.08	2.90	2.91	2.92	.146	.015	.066	.005	.87	.87	.87	.85	3,270	210	33,841	.212	.298	.266	.21	.19	.19
5 a. ETgoals	35	3.50	3.13	3.21	3.15	.106	.014	.059	.004	.62	.79	.79	.78	3,303	213	34,155	.006	.044	.007	.47	.38	.46
b. ETorganize	35	3.39	3.05	3.11	3.10	.159	.014	.064	.004	.94	.81	.85	.79	3,294	212	34,060	.016	.089	.032	.41	.32	.36
c. ETexample	35	3.40	3.06	3.14	3.09	.134	.015	.065	.005	.79	.84	.87	.83	3,284	212	33,970	.019	.109	.032	.40	.30	.36
d. ETdraftfb	35	3.15	2.83	2.95	2.88	.150	.016	.071	.005	.88	.93	.95	.93	3,280	213	33,940	.046	.247	.087	.34	.22	.29
e. ETfeedback	35	3.36	2.76	2.93	2.81	.130	.016	.069	.005	.77	.93	.92	.92	3,267	211	33,819	.000	.010	.000	.65	.49	.61

First-Year Students

Variable Name	N NYCCT	Mean NYCCT	Mean Mid East Public	Mean Carnegie Class	Mean NSSE 2014 & 2015	Std error NYCCT	Std error Mid East Public	Std error Carnegie Class	Std error NSSE 2014 & 2015	Std dev NYCCT	Std dev Mid East Public	Std dev Carnegie Class	Std dev NSSE 2014 & 2015	DF Mid East Public	DF Carnegie Class	DF NSSE 2014 & 2015	Sig Mid East Public	Sig Carnegie Class	Sig NSSE 2014 & 2015	Effect Mid East Public	Effect Carnegie Class	Effect NSSE 2014 & 2015
6 a. QRconclude	36	3.03	2.54	2.55	2.58	.148	.017	.070	.005	.89	.95	.93	.94	36	214	34,105	.003	.006	.005	.51	.51	.47
b. QRproblem	36	2.76	2.26	2.28	2.31	.183	.017	.071	.005	1.09	.96	.95	.95	3,289	214	34,023	.002	.008	.004	.53	.49	.48
c. QRevaluate	35	2.48	2.26	2.22	2.30	.167	.017	.069	.005	.98	.94	.92	.93	3,269	211	33,868	.178	.143	.259	.23	.27	.19
7 a. wrshortnum	34	6.73	6.52	5.95	6.85	1.092	.100	.428	.033	6.33	5.45	5.45	5.75	2,989	194	31,095	.818	.461	.903	.04	.14	-.02
b. wrmednum	34	3.01	2.06	2.14	2.17	.880	.052	.256	.017	5.10	2.80	3.21	2.99	33	38	33	.291	.348	.345	.33	.24	.28
c. wrlongnum	31	.94	.80	1.01	.83	.581	.047	.260	.015	3.26	2.49	3.21	2.61	2,815	182	29,233	.756	.914	.805	.06	-.02	.04
— wrpages	31	52.72	45.73	44.87	47.97	16.575	1.062	5.569	.351	93.01	55.62	67.43	59.52	31	176	28,829	.677	.583	.655	.12	.11	.08
8 a. DDrace	35	3.28	3.18	2.96	3.11	.164	.017	.074	.005	.97	.90	.97	.92	3,037	204	31,595	.497	.075	.274	.12	.33	.19
b. DDeconomic	35	3.02	3.10	2.96	3.10	.173	.016	.073	.005	1.02	.90	.95	.89	3,027	203	31,499	.579	.775	.598	-.09	.05	-.09
c. DDreligion	35	3.28	3.09	2.85	3.02	.164	.017	.077	.005	.97	.94	1.00	.95	3,021	203	31,444	.227	.022	.109	.21	.43	.27
d. DDpolitical	34	2.90	2.97	2.81	2.98	.175	.018	.077	.005	1.01	.97	1.01	.95	3,005	202	31,293	.696	.634	.652	-.07	.09	-.08
9 a. LSreading	36	3.24	3.15	3.21	3.17	.150	.014	.060	.004	.90	.77	.79	.77	3,014	204	31,380	.459	.803	.541	.12	.05	.10
b. LSnotes	36	3.20	2.92	3.11	2.94	.140	.016	.065	.005	.84	.90	.84	.90	3,002	203	31,277	.063	.547	.081	.31	.11	.29
c. LSsummary	33	3.09	2.86	2.97	2.86	.150	.017	.069	.005	.86	.90	.89	.90	2,967	198	30,941	.130	.463	.129	.26	.14	.26
10. challenge	34	5.54	5.48	5.69	5.55	.188	.022	.090	.006	1.09	1.17	1.18	1.14	3,004	202	31,273	.765	.507	.967	.05	-.13	-.01
11 a. intern[l]	34	.094	.085	.088	.090	.0510	.0051	.0218	.0016	--	--	--	--	--	--	--	.843	.901	.919	.03	.02	.02
b. leader[l]	34	.033	.111	.103	.121	.0309	.0058	.0235	.0019	--	--	--	--	--	--	--	.145	.193	.114	-.32	-.29	-.35
c. learncom[l]	34	.111	.159	.107	.157	.0547	.0067	.0239	.0021	--	--	--	--	--	--	--	.445	.946	.462	-.14	.01	-.14
d. abroad[l]	34	.062	.033	.032	.038	.0420	.0033	.0137	.0011	--	--	--	--	--	--	--	.358	.402	.461	.14	.14	.11
e. research[l]	34	.088	.054	.081	.057	.0494	.0042	.0212	.0013	--	--	--	--	--	--	--	.388	.898	.443	.13	.02	.12
f. capstone[l]	34	.065	.031	.050	.032	.0430	.0032	.0168	.0010	--	--	--	--	--	--	--	.267	.713	.269	.16	.07	.16
12. servcourse	32	1.73	1.54	1.57	1.61	.137	.012	.054	.004	.77	.65	.70	.67	2,938	194	30,696	.121	.271	.337	.28	.21	.17
13 a. QIstudent	34	5.67	5.44	5.35	5.54	.256	.026	.114	.008	1.49	1.42	1.48	1.40	2,977	200	30,978	.353	.256	.581	.16	.21	.09
b. QIadvisor	31	4.86	4.89	5.22	5.13	.345	.033	.142	.010	1.92	1.77	1.84	1.71	2,870	195	30,353	.921	.327	.387	-.02	-.19	-.16
c. QIfaculty	32	5.15	5.07	5.21	5.25	.281	.028	.126	.008	1.58	1.50	1.62	1.47	2,938	194	30,579	.752	.848	.700	.06	-.04	-.07
d. QIstaff	29	4.66	4.76	4.92	4.94	.363	.034	.157	.010	1.94	1.73	1.88	1.71	2,662	171	27,875	.770	.511	.391	-.05	-.13	-.16
e. QIadmin	32	4.87	4.59	5.10	4.84	.314	.034	.136	.010	1.77	1.77	1.75	1.73	2,729	194	28,890	.374	.503	.934	.16	-.13	.01
14 a. empstudy	31	3.06	3.17	3.20	3.21	.147	.015	.063	.004	.81	.77	.78	.75	2,764	184	28,958	.411	.378	.277	-.15	-.17	-.20
b. SEacademic	30	3.15	3.04	3.12	3.11	.142	.016	.071	.005	.77	.85	.87	.84	2,746	180	28,760	.512	.879	.823	.12	.03	.04
c. SElearnsup	31	3.27	3.08	3.17	3.14	.144	.017	.076	.005	.80	.90	.94	.88	2,742	182	28,757	.247	.585	.426	.21	.11	.14

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics[g]
CUNY New York City College of Technology

First-Year Students

Variable Name	N NYCCT	Mean NYCCT	Mean Mid East Public	Mean Carnegie Class	Mean NSSE 2014 & 2015	Std error NYCCT	Std error Mid East Public	Std error Carnegie Class	Std error NSSE 2014 & 2015	Std dev NYCCT	Std dev Mid East Public	Std dev Carnegie Class	Std dev NSSE 2014 & 2015	df Mid East Public	df Carnegie Class	df NSSE 2014 & 2015	Sig Mid East Public	Sig Carnegie Class	Sig NSSE 2014 & 2015	Effect Mid East Public	Effect Carnegie Class	Effect NSSE 2014 & 2015
d. SEdiverse	31	3.15	2.75	2.70	2.76	.154	.019	.082	.006	.85	.99	1.02	.98	31	48	30	.014	.012	.017	.41	.46	.40
e. SEsocial	31	3.12	2.99	2.96	3.02	.156	.017	.075	.005	.86	.90	.93	.89	2,748	182	28,764	.436	.392	.535	.14	.17	.11
f. SEwellness	31	3.00	2.95	2.88	2.99	.132	.017	.077	.005	.73	.91	.95	.91	31	52	30	.700	.433	.921	.06	.13	.01
g. SEnonacad	31	2.51	2.36	2.32	2.41	.200	.019	.084	.006	1.10	1.01	1.03	1.00	2,729	181	28,640	.415	.364	.570	.15	.18	.10
h. SEactivities	31	2.69	2.88	2.86	2.89	.163	.018	.079	.006	.90	.93	.98	.94	2,724	180	28,572	.272	.388	.240	-.20	-.17	-.21
i. SEevents	31	2.60	2.58	2.67	2.59	.161	.019	.082	.006	.89	.98	1.00	.98	2,714	179	28,482	.899	.746	.964	.02	-.06	.01
15 a. tmprephrs	32	10.51	13.76	13.38	14.14	1.412	.162	.711	.050	7.95	8.43	8.82	8.41	2,741	184	28,716	.031	.091	.015	-.39	-.33	-.43
b. tmcocurrhrs	32	2.96	5.28	4.02	5.37	.969	.126	.525	.040	5.45	6.52	6.51	6.77	32	183	31	.024	.389	.018	-.36	-.17	-.36
c. tmworkonhrs	31	1.12	2.10	1.84	2.37	.567	.105	.424	.033	3.14	5.46	5.22	5.55	2,735	180	30	.320	.458	.035	-.18	-.15	-.23
d. tmworkoffhrs	31	3.42	4.07	9.05	5.09	1.626	.159	1.008	.057	9.00	8.26	12.45	9.56	2,723	55	28,503	.664	.005	.332	-.08	-.47	-.18
— tmworkhrs	31	4.53	6.10	10.65	7.38	1.816	.198	1.085	.066	10.05	10.26	13.30	11.10	2,709	53	28,372	.402	.006	.157	-.15	-.48	-.26
e. tmservicehrs	31	1.84	2.20	2.21	2.40	.776	.088	.377	.027	4.29	4.53	4.67	4.52	2,697	182	28,309	.656	.678	.487	-.08	-.08	-.13
f. tmrelaxhrs	32	13.22	12.70	10.54	12.37	1.953	.171	.707	.051	11.00	8.88	8.76	8.60	2,720	183	31	.745	.137	.666	.06	.29	.10
g. tmcarehrs	30	6.96	2.45	7.24	3.13	1.717	.119	.957	.045	9.33	6.15	11.77	7.59	29	179	29	.014	.903	.034	.73	-.02	.50
h. tmcommutehrs	32	8.30	3.89	5.61	3.74	1.201	.112	.584	.033	6.76	5.81	7.22	5.55	2,717	183	31	.000	.055	.001	.76	.38	.82
16. reading	32	3.23	2.86	2.94	2.84	.209	.021	.094	.007	1.17	1.11	1.15	1.11	2,701	180	28,351	.055	.196	.046	.34	.25	.35
— tmreadinghrs	32	6.26	6.66	6.91	6.80	.978	.115	.547	.035	5.51	5.92	6.70	5.96	2,683	179	28,189	.710	.613	.615	-.07	-.10	-.09
17 a. pgwrite	32	3.07	2.85	3.07	2.88	.149	.017	.069	.005	.84	.91	.86	.90	2,726	183	28,572	.174	.999	.233	.24	.00	.21
b. pgspeak	32	3.08	2.65	2.83	2.71	.161	.018	.075	.006	.91	.96	.93	.94	2,715	182	28,469	.012	.162	.026	.45	.27	.40
c. pgthink	32	3.18	3.02	3.11	3.09	.180	.016	.068	.005	1.01	.85	.84	.83	2,715	181	28,469	.282	.670	.510	.19	.08	.12
d. pganalyze	31	3.00	2.60	2.67	2.62	.190	.019	.076	.006	1.05	.97	.94	.98	2,713	181	28,426	.024	.086	.032	.41	.34	.39
e. pgwork	32	2.80	2.58	2.63	2.62	.189	.019	.080	.006	1.07	.98	.98	.98	2,715	181	28,471	.212	.372	.293	.22	.17	.19
f. pgothers	32	3.11	2.80	2.84	2.84	.164	.018	.074	.005	.92	.91	.91	.90	2,712	181	28,405	.062	.143	.100	.33	.29	.29
g. pgvalues	31	2.84	2.64	2.68	2.71	.178	.019	.082	.006	.99	.99	1.00	.98	2,709	179	28,426	.267	.442	.460	.20	.15	.13
h. pgdiverse	32	3.05	2.75	2.78	2.75	.168	.019	.081	.006	.94	.97	.99	.97	2,712	181	28,452	.082	.153	.083	.31	.28	.31
i. pgprobsolve	32	2.94	2.58	2.62	2.62	.198	.019	.079	.006	1.12	.97	.98	.95	2,711	182	28,425	.039	.102	.060	.37	.32	.33
j. pgcitizen	31	2.74	2.59	2.66	2.62	.214	.019	.079	.006	1.19	.97	.98	.97	30	180	30	.486	.691	.592	.15	.08	.12
18. evalexp	32	2.80	3.08	3.09	3.20	.136	.014	.062	.004	.76	.75	.77	.72	2,732	184	28,615	.036	.051	.002	-.37	-.38	-.56
19. sameinst	32	2.72	3.09	3.11	3.21	.181	.016	.067	.005	1.02	.84	.83	.81	31	185	31	.050	.022	.011	-.44	-.45	-.60

Seniors

Variable Name	N NYCCT	Mean NYCCT	Mean Mid East Public	Mean Carnegie Class	Mean NSSE 2014 & 2015	SE NYCCT	SE Mid East Public	SE Carnegie Class	SE NSSE 2014 & 2015	SD NYCCT	SD Mid East Public	SD Carnegie Class	SD NSSE 2014 & 2015	DF Mid East Public	DF Carnegie Class	DF NSSE 2014 & 2015	Sig Mid East Public	Sig Carnegie Class	Sig NSSE 2014 & 2015	ES Mid East Public	ES Carnegie Class	ES NSSE 2014 & 2015
1 a. askquest	88	2.94	3.10	3.30	3.16	.098	.012	.055	.004	.91	.87	.81	.86	5,142	303	49,882	.083	.001	.015	-.19	-.43	-.26
b. drafts	90	2.67	2.35	2.57	2.45	.104	.014	.071	.005	.99	1.02	1.04	1.03	5,105	304	49,558	.003	.449	.044	.31	.09	.21
c. unpreparedr	90	3.12	2.96	3.14	2.97	.083	.012	.052	.004	.79	.82	.76	.81	5,081	303	49,317	.078	.809	.094	.19	-.03	.18
d. attendart	85	1.81	1.87	1.77	1.87	.087	.013	.063	.004	.80	.92	.92	.93	5,057	296	49,076	.582	.743	.574	-.06	.04	-.06
e. CLaskhelp	85	2.41	2.40	2.33	2.43	.085	.013	.061	.004	.78	.88	.89	.90	5,036	297	84	.920	.501	.820	.01	.09	-.02
f. CLexplain	86	2.69	2.78	2.73	2.77	.086	.012	.059	.004	.80	.84	.86	.85	4,960	296	48,426	.335	.680	.408	-.10	-.05	-.09
g. CLstudy	83	2.40	2.48	2.43	2.49	.101	.014	.071	.005	.92	.98	1.03	1.00	4,951	292	48,392	.457	.825	.413	-.08	-.03	-.09
h. CLproject	83	3.02	2.83	2.76	2.90	.095	.013	.065	.004	.86	.90	.94	.91	4,929	290	48,197	.050	.027	.216	.22	.29	.14
i. present	83	2.86	2.73	2.73	2.73	.108	.014	.070	.004	.99	.94	1.01	.97	4,891	291	47,843	.229	.330	.221	.13	.13	.13
2 a. RIintegrate	83	2.73	2.99	2.98	3.03	.101	.012	.060	.004	.92	.84	.86	.84	84	288	82	.012	.029	.004	-.31	-.29	-.36
b. RIsocietal	83	2.57	2.83	2.81	2.87	.104	.013	.064	.004	.94	.90	.92	.90	4,733	287	46,503	.009	.050	.002	-.29	-.26	-.34
c. RIdiverse	82	2.16	2.65	2.63	2.69	.106	.014	.066	.004	.96	.96	.95	.96	4,735	286	46,525	.000	.000	.000	-.50	-.49	-.54
d. RIownview	82	2.62	2.83	2.88	2.88	.095	.013	.058	.004	.86	.86	.83	.85	4,719	285	46,394	.030	.020	.005	-.24	-.30	-.31
e. RIperspect	83	2.73	2.93	2.95	2.97	.094	.012	.058	.004	.85	.84	.82	.83	4,711	286	46,297	.031	.042	.007	-.24	-.27	-.29
f. RInewview	82	2.85	2.95	2.95	2.97	.096	.012	.057	.004	.87	.80	.81	.81	83	283	81	.318	.350	.200	-.12	-.12	-.15
g. RIconnect	83	3.00	3.22	3.23	3.25	.093	.011	.054	.003	.85	.76	.77	.75	4,670	283	45,954	.011	.027	.002	-.28	-.29	-.33
3 a. SFcareer	83	2.25	2.44	2.47	2.43	.105	.015	.072	.005	.96	.99	1.02	.99	4,692	285	46,090	.084	.089	.096	-.19	-.22	-.18
b. SFotherwork	83	1.66	1.96	1.93	1.95	.097	.015	.074	.005	.89	1.04	1.05	1.04	4,672	284	45,910	.010	.041	.013	-.29	-.27	-.27
c. SFdiscuss	83	2.05	2.23	2.28	2.21	.108	.014	.071	.005	.98	.98	1.02	.98	4,665	283	45,869	.093	.087	.138	-.19	-.22	-.16
d. SFperform	81	1.87	2.26	2.33	2.23	.098	.014	.068	.004	.88	.96	.97	.94	4,645	281	45,744	.000	.000	.000	-.41	-.49	-.39
4 a. memorize	85	2.82	2.85	2.77	2.77	.101	.013	.061	.004	.93	.90	.87	.91	4,655	284	45,882	.819	.626	.564	-.03	.06	.06
b. HOapply	85	3.16	3.11	3.14	3.15	.089	.012	.057	.004	.82	.82	.81	.81	4,636	284	45,673	.589	.918	.929	.06	.01	.01
c. HOanalyze	83	3.03	3.09	3.11	3.12	.103	.013	.058	.004	.93	.85	.82	.83	4,617	282	45,561	.550	.489	.315	-.07	-.09	-.11
d. HOevaluate	84	2.85	2.95	3.06	2.99	.110	.013	.059	.004	1.01	.89	.83	.87	86	133	83	.350	.097	.198	-.12	-.23	-.16
e. HOform	84	2.92	2.96	3.04	3.01	.103	.013	.059	.004	.95	.88	.84	.86	4,610	283	45,444	.705	.302	.360	-.04	-.13	-.10
5 a. ETgoals	85	3.34	3.18	3.18	3.20	.097	.012	.057	.004	.89	.78	.81	.78	4,653	285	45,874	.063	.141	.090	.20	.19	.18
b. ETorganize	85	3.18	3.10	3.16	3.14	.099	.012	.057	.004	.91	.79	.81	.79	86	284	84	.435	.844	.680	.10	.03	.05
c. ETexample	82	3.19	3.12	3.16	3.16	.098	.012	.061	.004	.89	.83	.86	.83	4,625	281	45,635	.470	.805	.734	.08	.03	.04
d. ETdraftfb	83	2.85	2.76	2.87	2.81	.113	.015	.069	.005	1.03	.98	.99	.98	4,620	283	45,606	.416	.914	.670	.09	-.01	.05
e. ETfeedback	84	2.93	2.84	2.93	2.89	.112	.014	.066	.004	1.03	.92	.94	.91	85	282	83	.461	.998	.767	.09	.00	.04

Seniors

Variable Name	N NYCCT	Mean NYCCT	Mean Mid East Public	Mean Carnegie Class	Mean NSSE 2014 & 2015	Std error NYCCT	Std error Mid East Public	Std error Carnegie Class	Std error NSSE 2014 & 2015	Std dev NYCCT	Std dev Mid East Public	Std dev Carnegie Class	Std dev NSSE 2014 & 2015	DF Mid East Public	DF Carnegie Class	DF NSSE 2014 & 2015	Sig Mid East Public	Sig Carnegie Class	Sig NSSE 2014 & 2015	ES Mid East Public	ES Carnegie Class	ES NSSE 2014 & 2015
6 a. QRconclude	85	2.70	2.60	2.66	2.66	.111	.015	.067	.005	1.02	.98	.96	.97	4,640	286	45,797	.376	.796	.723	.10	.03	.04
b. QRproblem	85	2.50	2.39	2.42	2.45	.115	.015	.070	.005	1.06	1.00	.99	.99	4,630	284	45,701	.295	.541	.624	.11	.08	.05
c. QRevaluate	84	2.38	2.39	2.36	2.45	.111	.014	.068	.005	1.02	.97	.96	.97	4,617	283	45,561	.912	.836	.522	-.01	.03	-.07
7 a. wrshortnum	76	6.89	7.32	7.27	7.71	.824	.100	.504	.033	7.18	6.41	6.80	6.74	4,179	256	41,592	.568	.689	.290	-.07	-.05	-.12
b. wrmednum	72	5.36	3.44	2.99	3.58	.730	.063	.271	.021	6.18	3.99	3.60	4.30	72	91	71	.011	.003	.017	.48	.53	.41
c. wrlongnum	67	3.79	2.02	1.83	2.01	.827	.057	.269	.018	6.78	3.59	3.53	3.63	67	81	66	.036	.027	.035	.48	.42	.49
— wrpages	65	118.34	76.97	70.04	79.03	19.029	1.342	6.180	.438	152.93	83.14	79.79	86.43	64	77	64	.034	.018	.043	.49	.46	.45
8 a. DDrace	81	3.06	3.19	3.04	3.15	.106	.014	.071	.004	.96	.91	.97	.92	4,347	268	43,102	.222	.838	.429	-.14	.03	-.09
b. DDeconomic	81	2.91	3.13	3.08	3.14	.108	.014	.068	.004	.97	.89	.93	.88	4,328	268	42,978	.032	.181	.023	-.24	-.18	-.25
c. DDreligion	80	3.01	3.10	2.98	3.06	.109	.014	.071	.005	.97	.93	.97	.94	4,320	266	42,879	.401	.815	.644	-.10	.03	-.05
d. DDpolitical	80	2.90	3.02	3.00	3.05	.108	.014	.070	.004	.97	.94	.96	.93	4,295	265	42,686	.273	.410	.147	-.12	-.11	-.16
9 a. LSreading	81	3.24	3.21	3.29	3.25	.085	.012	.056	.004	.76	.80	.77	.79	4,318	268	42,865	.744	.677	.895	.04	-.06	-.01
b. LSnotes	80	3.07	2.85	3.02	2.89	.103	.015	.067	.005	.92	.95	.92	.95	4,303	266	42,727	.038	.661	.089	.23	.06	.19
c. LSsummary	78	3.01	2.86	2.98	2.91	.107	.014	.067	.004	.94	.92	.91	.92	4,248	261	42,253	.173	.831	.333	.16	.03	.11
10. challenge	81	5.54	5.59	5.76	5.67	.164	.019	.089	.006	1.48	1.21	1.22	1.19	82	129	80	.748	.237	.423	-.04	-.17	-.11
11 a. intern[l]	79	.512	.545	.467	.511	.0567	.0077	.0365	.0024	--	--	--	--	--	--	--	.560	.509	.989	-.07	.09	.00
b. leader[l]	79	.205	.375	.323	.364	.0458	.0075	.0343	.0023	--	--	--	--	--	--	--	.002	.053	.004	-.38	-.27	-.35
c. learncom[l]	78	.138	.245	.222	.249	.0394	.0066	.0305	.0021	--	--	--	--	--	--	--	.029	.119	.023	-.28	-.22	-.29
d. abroad[l]	78	.041	.137	.069	.145	.0227	.0053	.0186	.0017	--	--	--	--	--	--	--	.014	.385	.009	-.35	-.12	-.37
e. research[l]	79	.134	.259	.229	.247	.0386	.0068	.0309	.0021	--	--	--	--	--	--	--	.012	.078	.020	-.32	-.25	-.29
f. capstone[l]	77	.226	.437	.509	.463	.0478	.0077	.0366	.0024	--	--	--	--	--	--	--	.000	.000	.000	-.45	-.60	-.51
12. servcourse	78	1.71	1.65	1.72	1.74	.094	.011	.052	.003	.83	.68	.71	.69	4,258	263	77	.426	.931	.774	.09	-.01	-.04
13 a. QIstudent	81	5.74	5.59	5.79	5.70	.161	.021	.094	.006	1.45	1.36	1.27	1.31	4,270	263	42,333	.307	.803	.748	.11	-.03	.04
b. QIadvisor	76	4.72	4.91	5.31	5.18	.227	.029	.134	.009	1.98	1.88	1.83	1.79	4,194	260	41,939	.376	.020	.023	-.10	-.32	-.26
c. QIfaculty	80	4.97	5.38	5.59	5.55	.208	.022	.107	.007	1.86	1.45	1.46	1.39	81	123	79	.051	.008	.007	-.28	-.39	-.42
d. QIstaff	70	3.87	4.65	4.94	4.86	.244	.030	.149	.009	2.04	1.78	1.84	1.76	71	222	69	.002	.000	.000	-.43	-.56	-.56
e. QIadmin	75	4.20	4.52	4.92	4.82	.229	.029	.134	.009	1.98	1.82	1.81	1.76	4,075	256	74	.134	.005	.009	-.17	-.39	-.35
14 a. empstudy	74	2.99	3.14	3.18	3.19	.107	.013	.059	.004	.92	.79	.79	.77	4,036	252	40,380	.108	.104	.027	-.19	-.23	-.26
b. SEacademic	75	2.76	2.87	2.99	2.97	.115	.014	.067	.004	1.00	.88	.90	.86	4,007	251	74	.310	.082	.073	-.12	-.24	-.24
c. SElearnsup	74	2.78	2.81	2.92	2.89	.122	.015	.073	.005	1.05	.95	.98	.94	75	251	73	.809	.312	.369	-.03	-.14	-.12

Note: Column headers — N: NYCCT. Mean, Standard error[h], Standard deviation[i]: NYCCT / Mid East Public / Carnegie Class / NSSE 2014 & 2015. Degrees of freedom[j], Significance[k], Effect size[e]: Comparisons with Mid East Public / Carnegie Class / NSSE 2014 & 2015.

NSSE 2015 Frequencies and Statistical Comparisons

Detailed Statistics[g]

CUNY New York City College of Technology

Seniors

Variable Name	N — NYCCT	Mean — NYCCT	Mean — Mid East Public	Mean — Carnegie Class	Mean — NSSE 2014 & 2015	SE — NYCCT	SE — Mid East Public	SE — Carnegie Class	SE — NSSE 2014 & 2015	SD — NYCCT	SD — Mid East Public	SD — Carnegie Class	SD — NSSE 2014 & 2015	df — Mid East Public	df — Carnegie Class	df — NSSE 2014 & 2015	Sig — Mid East Public	Sig — Carnegie Class	Sig — NSSE 2014 & 2015	ES — Mid East Public	ES — Carnegie Class	ES — NSSE 2014 & 2015
d. SEdiverse	73	2.63	2.59	2.62	2.61	.116	.016	.076	.005	.99	1.01	1.01	1.01	4,012	249	40,162	.722	.929	.842	.04	.01	.02
e. SEsocial	74	2.72	2.85	2.86	2.87	.114	.015	.070	.005	.98	.93	.93	.93	4,007	250	40,116	.226	.299	.183	-.14	-.14	-.15
f. SEwellness	74	2.53	2.77	2.71	2.78	.119	.015	.074	.005	1.03	.95	.98	.97	3,992	250	39,977	.036	.214	.031	-.25	-.17	-.25
g. SEnonacad	75	2.00	2.08	2.13	2.11	.120	.016	.077	.005	1.04	1.00	1.03	1.00	3,991	251	39,955	.491	.367	.343	-.08	-.12	-.11
h. SEactivities	73	2.29	2.69	2.62	2.66	.117	.015	.075	.005	1.00	.96	.99	.99	3,980	248	39,844	.000	.020	.001	-.41	-.33	-.37
i. SEevents	73	2.35	2.46	2.41	2.44	.110	.016	.075	.005	.94	.97	1.00	.98	3,964	248	39,722	.355	.680	.459	-.11	-.06	-.09
15 a. tmprephrs	74	13.24	14.11	14.25	14.75	1.162	.142	.677	.045	9.97	8.91	9.04	8.93	4,001	250	40,030	.406	.436	.147	-.10	-.11	-.17
b. tmcocurrhrs	71	2.74	5.11	3.64	4.65	.703	.114	.495	.035	5.93	7.13	6.61	6.88	74	247	70	.001	.316	.008	-.33	-.14	-.28
c. tmworkonhrs	73	2.43	3.43	3.24	3.71	.778	.112	.570	.036	6.65	6.98	7.59	7.20	3,986	248	72	.226	.432	.105	-.14	-.11	-.18
d. tmworkoffhrs	73	15.74	10.87	14.52	11.99	1.662	.201	1.078	.066	14.20	12.57	14.37	13.19	74	249	39,664	.005	.541	.015	.39	.09	.28
— tmworkhrs	73	18.18	14.17	17.61	15.57	1.793	.210	1.082	.067	15.32	13.06	14.36	13.31	74	247	72	.029	.780	.151	.31	.04	.20
e. tmservicehrs	74	2.90	3.03	3.25	3.13	.739	.087	.468	.027	6.34	5.44	6.23	5.35	3,952	249	39,541	.841	.687	.717	-.02	-.06	-.04
f. tmrelaxhrs	73	10.34	11.26	9.72	10.73	1.015	.136	.622	.041	8.65	8.50	8.29	8.15	3,965	248	39,715	.360	.597	.683	-.11	.07	-.05
g. tmcarehrs	74	9.70	5.03	10.15	6.37	1.412	.158	.995	.056	12.11	9.85	13.26	11.19	74	249	39,655	.002	.803	.011	.47	-.03	.30
h. tmcommutehrs	73	9.22	5.47	4.87	4.80	1.008	.096	.437	.028	8.59	6.00	5.84	5.51	73	100	72	.000	.000	.000	.62	.64	.80
16. reading	74	3.13	2.90	2.91	2.94	.138	.019	.086	.006	1.18	1.19	1.14	1.18	3,973	249	39,749	.107	.166	.157	.19	.19	.17
— tmreadinghrs	74	7.97	7.01	7.08	7.38	.892	.103	.478	.032	7.65	6.41	6.35	6.44	75	116	73	.286	.378	.508	.15	.13	.09
17 a. pgwrite	74	2.97	3.00	3.13	3.04	.116	.015	.067	.005	1.00	.93	.90	.91	3,990	250	39,937	.765	.209	.464	-.04	-.17	-.09
b. pgspeak	72	3.13	2.93	3.06	2.95	.110	.015	.070	.005	.93	.94	.94	.94	3,975	248	39,790	.072	.571	.102	.21	.08	.19
c. pgthink	71	3.21	3.25	3.30	3.31	.098	.013	.061	.004	.83	.82	.81	.80	3,969	247	39,775	.665	.386	.279	-.05	-.12	-.13
d. pganalyze	73	2.87	2.78	2.80	2.83	.117	.016	.073	.005	1.00	1.00	.98	1.00	3,973	249	39,759	.427	.585	.755	.09	.08	.04
e. pgwork	73	3.03	2.86	3.07	2.95	.120	.016	.071	.005	1.03	1.00	.95	.97	3,978	249	39,830	.147	.772	.461	.17	-.04	.09
f. pgothers	73	3.24	2.99	3.09	3.05	.104	.015	.068	.004	.89	.91	.91	.90	3,965	249	39,724	.021	.216	.069	.27	.17	.21
g. pgvalues	72	3.04	2.75	2.86	2.82	.117	.016	.077	.005	1.00	1.03	1.03	1.02	3,971	248	39,774	.017	.196	.065	.28	.18	.22
h. pgdiverse	73	3.02	2.82	2.83	2.82	.117	.016	.078	.005	1.00	.99	1.03	.99	3,972	248	39,794	.088	.192	.094	.20	.18	.20
i. pgprobsolve	73	2.89	2.75	2.81	2.82	.120	.016	.073	.005	1.03	.99	.97	.97	3,969	249	39,766	.215	.547	.516	.15	.08	.08
j. pgcitizen	73	2.90	2.65	2.71	2.69	.129	.016	.078	.005	1.10	1.01	1.04	1.01	3,956	248	39,579	.036	.188	.080	.25	.18	.20
18. evalexp	74	2.83	3.15	3.19	3.25	.103	.012	.058	.004	.89	.76	.77	.75	75	251	39,988	.002	.001	.000	-.43	-.45	-.56
19. sameinst	74	2.88	3.12	3.13	3.20	.113	.014	.064	.004	.97	.87	.86	.85	4,001	251	40,033	.021	.044	.001	-.27	-.28	-.38

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."

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."