
NSSE 2023 Consortium Report

Catholic Colleges & Universities

Misericordia University

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NSSE 2023 Catholic Colleges & Universities

Frequencies and Statistical Comparisons

Misericordia University

First-Year Students

				Frequency Distributions ^a				Statistical Comparisons ^b		
				Misericordia		Catholic C&U		Misericordia	Catholic C&U	Effect size ^d
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	
1. Every institution has a mission statement. We would like to know how familiar you are with your school's mission.										
Please indicate your agreement with each of the following statements:										
a. The mission of this institution is widely understood by students.	CAT01a	1	Strongly disagree	0	0	67	2	4.2	3.8 **	.46
		2	Disagree	1	1	251	7			
		3	Neither agree/disagree	8	17	930	25			
		4	Agree	22	42	1,823	46			
		5	Strongly agree	20	39	856	21			
		Total		51	100	3,927	100			
b. Ethical and spiritual development of students is an important part of the mission at this institution.	CAT01b	1	Strongly disagree	0	0	40	1	4.1	4.0	.16
		2	Disagree	0	0	100	3			
		3	Neither agree/disagree	8	17	679	18			
		4	Agree	26	53	2,015	50			
		5	Strongly agree	17	30	1,086	27			
		Total		51	100	3,920	100			
c. This institution offers opportunities for volunteering and community service.	CAT01c	1	Strongly disagree	0	0	17	1	4.6	4.2 ***	.54
		2	Disagree	0	0	64	2			
		3	Neither agree/disagree	1	1	466	12			
		4	Agree	16	39	1,973	50			
		5	Strongly agree	34	60	1,400	35			
		Total		51	100	3,920	100			
d. Social and personal development of students is an important part of the mission at this institution.	CAT01d	1	Strongly disagree	0	0	28	1	4.3	4.1 *	.33
		2	Disagree	0	0	91	2			
		3	Neither agree/disagree	8	12	568	15			
		4	Agree	20	45	2,085	52			
		5	Strongly agree	23	44	1,143	29			
		Total		51	100	3,915	100			
e. This institution offers opportunities for developing leadership skills.	CAT01e	1	Strongly disagree	0	0	24	1	4.3	4.1	.28
		2	Disagree	1	1	53	1			
		3	Neither agree/disagree	4	6	482	13			
		4	Agree	24	50	2,132	55			
		5	Strongly agree	22	42	1,221	31			
		Total		51	100	3,912	100			
f. Preparation for a career is an important part of the mission of this institution.	CAT01f	1	Strongly disagree	0	0	19	1	4.4	4.1 *	.32
		2	Disagree	0	0	65	2			
		3	Neither agree/disagree	2	3	533	14			
		4	Agree	25	57	1,990	51			
		5	Strongly agree	24	40	1,304	32			
		Total		51	100	3,911	100			
g. The heritage of the founders/founding religious community of this institution is evident here.	CAT01g	1	Strongly disagree	0	0	21	1	4.1	4.1	.04
		2	Disagree	0	0	96	3			
		3	Neither agree/disagree	11	21	630	17			
		4	Agree	20	45	1,793	46			
		5	Strongly agree	20	34	1,365	34			
		Total		51	100	3,905	100			

NSSE 2023 Catholic Colleges & Universities

Frequencies and Statistical Comparisons

Misericordia University

First-Year Students

Item wording or description	Variable name	Values ^c	Response options	Frequency Distributions ^a				Statistical Comparisons ^b		
				Misericordia		Catholic C&U		Misericordia	Catholic C&U	Effect size ^d
				Count	%	Count	%	Mean	Mean	
h. The faculty and staff here are respectful of people of different religions.	CAT01h	1	Strongly disagree	0	0	21	1	4.4	4.2	.26
		2	Disagree	1	1	71	2			
		3	Neither agree/disagree	3	4	555	14			
		4	Agree	25	52	1,887	48			
		5	Strongly agree	22	42	1,370	35			
		Total		51	100	3,904	100			
i. The students here are respectful of people of different religions.	CAT01i	1	Strongly disagree	0	0	28	1	4.1	4.1	.09
		2	Disagree	1	1	115	3			
		3	Neither agree/disagree	6	14	619	16			
		4	Agree	27	55	1,940	50			
		5	Strongly agree	17	30	1,201	30			
		Total		51	100	3,903	100			
j. Students at this institution feel free to express their individual spirituality.	CAT01j	1	Strongly disagree	0	0	31	1	4.1	4.0	.13
		2	Disagree	0	0	117	3			
		3	Neither agree/disagree	6	14	679	17			
		4	Agree	29	58	1,908	49			
		5	Strongly agree	16	28	1,162	30			
		Total		51	100	3,897	100			
k. The faculty and staff here are respectful of people of different races and cultures.	CAT01k	1	Strongly disagree	0	0	20	1	4.4	4.2	.21
		2	Disagree	0	0	64	2			
		3	Neither agree/disagree	1	1	428	11			
		4	Agree	28	61	1,979	51			
		5	Strongly agree	22	37	1,412	36			
		Total		51	100	3,903	100			
l. The students here are respectful of people of different races and cultures.	CAT01l	1	Strongly disagree	0	0	34	1	4.1	4.1	-.07
		2	Disagree	2	3	109	3			
		3	Neither agree/disagree	8	22	545	14			
		4	Agree	22	42	1,954	50			
		5	Strongly agree	19	33	1,253	32			
		Total		51	100	3,895	100			
m. People of different sexual orientations are accepted socially here.	CAT01m	1	Strongly disagree	0	0	45	1	4.1	4.0	.19
		2	Disagree	1	1	146	3			
		3	Neither agree/disagree	8	17	737	19			
		4	Agree	22	47	1,853	48			
		5	Strongly agree	20	34	1,120	28			
		Total		51	100	3,901	100			
n. The environment here encourages students to develop an appreciation of diversity.	CAT01n	1	Strongly disagree	1	1	42	1	4.2	4.0	.16
		2	Disagree	0	0	102	3			
		3	Neither agree/disagree	7	10	626	17			
		4	Agree	24	56	1,915	49			
		5	Strongly agree	19	33	1,200	30			
		Total		51	100	3,885	100			

NSSE 2023 Catholic Colleges & Universities

Frequencies and Statistical Comparisons

Misericordia University

First-Year Students

				Frequency Distributions ^a				Statistical Comparisons ^b		
				Misericordia		Catholic C&U		Misericordia	Catholic C&U	Effect size ^d
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	
o. At this institution, there are opportunities for students to strengthen their religious commitment.	CAT01o	1	Strongly disagree	0	0	19	1	4.3	4.2	.11
		2	Disagree	0	0	51	1			
		3	Neither agree/disagree	5	12	501	13			
		4	Agree	22	47	1,867	48			
		5	Strongly agree	24	40	1,451	37			
		Total		51	100	3,889	100			
p. The mission of this institution is reflected in its course offerings.	CAT01p	1	Strongly disagree	0	0	26	1	4.2	4.0	.19
		2	Disagree	0	0	80	2			
		3	Neither agree/disagree	6	14	721	19			
		4	Agree	26	54	1,943	50			
		5	Strongly agree	18	32	1,107	28			
		Total		50	100	3,877	100			
q. As a result of my experience here, I am more aware of social justice (fairness and equality) issues in the world.	CAT01q	1	Strongly disagree	0	0	43	1	4.0	3.9	.20
		2	Disagree	2	3	201	6			
		3	Neither agree/disagree	8	17	931	24			
		4	Agree	26	54	1,736	45			
		5	Strongly agree	14	26	973	24			
		Total		50	100	3,884	100			
r. The faculty at this institution discuss the ethical implications of what is being studied.	CAT01r	1	Strongly disagree	0	0	32	1	4.1	3.9	.23
		2	Disagree	2	3	157	4			
		3	Neither agree/disagree	10	15	876	22			
		4	Agree	22	53	1,917	50			
		5	Strongly agree	16	29	897	23			
		Total		50	100	3,879	100			
s. As a result of my experience here, I am more aware of my own personal values.	CAT01s	1	Strongly disagree	0	0	34	1	4.2	4.0	.19
		2	Disagree	2	3	106	3			
		3	Neither agree/disagree	6	14	704	19			
		4	Agree	21	47	1,909	48			
		5	Strongly agree	21	36	1,135	29			
		Total		50	100	3,888	100			

NSSE 2023 Catholic Colleges & Universities

Frequencies and Statistical Comparisons

Misericordia University

First-Year Students

				Frequency Distributions ^a				Statistical Comparisons ^b		
				Misericordia		Catholic C&U		Misericordia	Catholic C&U	Effect size ^d
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	
2. Current religious preference: (Mark only one)										
	CAT02	—	Baptist	2	8	160	4			
		—	Buddhist	0	0	20	1			
		—	Eastern Orthodox	0	0	47	1			
		—	Episcopalian	1	1	17	0			
		—	Hindu	0	0	31	1			
		—	Islamic	0	0	108	3			
		—	Jewish (Orthodox)	0	0	5	0			
		—	Jewish (Conservative)	0	0	5	0			
		—	Jewish (Reform)	0	0	11	0			
		—	Jewish (Unaffiliated)	0	0	8	0			
		—	LDS (Mormon)	0	0	10	0			
		—	Lutheran	1	1	104	2			
		—	Methodist	3	10	54	1			
		—	Presbyterian	0	0	35	1			
		—	Quaker	0	0	2	0			
		—	Roman Catholic	21	36	1,507	40			
		—	Seventh Day Adventist	0	0	10	0			
		—	Unitarian/Universalist	0	0	1	0			
		—	United Church of Christ	1	1	34	1			
		—	Other Christian	7	16	574	14			
		—	Other religion	1	1	185	5			
		—	None	13	24	951	24			
			Total	50	100	3,879	100			

NSSE 2023 Catholic Colleges & Universities

Frequencies and Statistical Comparisons

Misericordia University

Seniors

				Frequency Distributions ^a				Statistical Comparisons ^b		
				Misericordia		Catholic C&U		Misericordia	Catholic C&U	Effect size ^d
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	
1. Every institution has a mission statement. We would like to know how familiar you are with your school's mission.										
Please indicate your agreement with each of the following statements:										
a. The mission of this institution is widely understood by students.	CAT01a	1	Strongly disagree	2	3	104	3	3.7	3.7	.02
		2	Disagree	5	8	378	10			
		3	Neither agree/disagree	13	21	917	24			
		4	Agree	35	52	1,773	43			
		5	Strongly agree	13	16	844	20			
		Total		68	100	4,016	100			
b. Ethical and spiritual development of students is an important part of the mission at this institution.	CAT01b	1	Strongly disagree	1	1	79	2	3.9	4.0	-.10
		2	Disagree	2	3	163	4			
		3	Neither agree/disagree	15	23	642	16			
		4	Agree	36	53	2,005	49			
		5	Strongly agree	14	20	1,109	28			
		Total		68	100	3,998	100			
c. This institution offers opportunities for volunteering and community service.	CAT01c	1	Strongly disagree	0	0	34	1	4.4	4.2 **	.34
		2	Disagree	1	1	74	2			
		3	Neither agree/disagree	3	5	513	13			
		4	Agree	28	45	1,967	49			
		5	Strongly agree	36	49	1,412	35			
		Total		68	100	4,000	100			
d. Social and personal development of students is an important part of the mission at this institution.	CAT01d	1	Strongly disagree	0	0	57	2	4.1	4.0	.10
		2	Disagree	1	1	161	5			
		3	Neither agree/disagree	10	17	591	15			
		4	Agree	37	55	2,006	49			
		5	Strongly agree	20	28	1,172	29			
		Total		68	100	3,987	100			
e. This institution offers opportunities for developing leadership skills.	CAT01e	1	Strongly disagree	0	0	41	1	4.2	4.1	.13
		2	Disagree	1	1	100	3			
		3	Neither agree/disagree	5	9	489	12			
		4	Agree	38	58	2,093	52			
		5	Strongly agree	24	32	1,266	32			
		Total		68	100	3,989	100			
f. Preparation for a career is an important part of the mission of this institution.	CAT01f	1	Strongly disagree	0	0	65	2	4.3	4.0 *	.31
		2	Disagree	0	0	154	4			
		3	Neither agree/disagree	6	8	587	15			
		4	Agree	35	54	1,907	48			
		5	Strongly agree	27	37	1,270	31			
		Total		68	100	3,983	100			
g. The heritage of the founders/founding religious community of this institution is evident here.	CAT01g	1	Strongly disagree	0	0	70	2	4.1	4.1	.00
		2	Disagree	2	4	146	4			
		3	Neither agree/disagree	10	17	600	16			
		4	Agree	34	49	1,741	43			
		5	Strongly agree	22	30	1,428	35			
		Total		68	100	3,985	100			

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Frequencies and Statistical Comparisons

Misericordia University

Seniors

				Frequency Distributions ^a				Statistical Comparisons ^b		
				Misericordia		Catholic C&U		Misericordia	Catholic C&U	Effect size ^d
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	
h. The faculty and staff here are respectful of people of different religions.	CAT01h	1	Strongly disagree	0	0	66	2	4.2	4.1	.14
		2	Disagree	2	3	143	3			
		3	Neither agree/disagree	5	6	603	15			
		4	Agree	39	60	1,833	46			
		5	Strongly agree	22	31	1,343	34			
		Total		68	100	3,988	100			
i. The students here are respectful of people of different religions.	CAT01i	1	Strongly disagree	0	0	60	2	4.0	4.0	.06
		2	Disagree	2	3	161	4			
		3	Neither agree/disagree	12	18	654	16			
		4	Agree	33	50	1,903	47			
		5	Strongly agree	21	29	1,204	31			
		Total		68	100	3,982	100			
j. Students at this institution feel free to express their individual spirituality.	CAT01j	1	Strongly disagree	0	0	72	2	4.0	3.9	.07
		2	Disagree	1	1	203	5			
		3	Neither agree/disagree	13	21	720	18			
		4	Agree	36	53	1,839	46			
		5	Strongly agree	18	24	1,144	29			
		Total		68	100	3,978	100			
k. The faculty and staff here are respectful of people of different races and cultures.	CAT01k	1	Strongly disagree	0	0	53	2	4.2	4.1	.17
		2	Disagree	1	1	126	3			
		3	Neither agree/disagree	6	8	534	13			
		4	Agree	37	56	1,915	48			
		5	Strongly agree	24	35	1,360	34			
		Total		68	100	3,988	100			
l. The students here are respectful of people of different races and cultures.	CAT01l	1	Strongly disagree	1	1	60	2	4.1	4.0	.03
		2	Disagree	1	1	152	4			
		3	Neither agree/disagree	8	13	563	14			
		4	Agree	40	59	1,939	48			
		5	Strongly agree	18	26	1,270	32			
		Total		68	100	3,984	100			
m. People of different sexual orientations are accepted socially here.	CAT01m	1	Strongly disagree	1	1	100	3	4.0	3.9	.07
		2	Disagree	1	1	194	5			
		3	Neither agree/disagree	13	20	768	19			
		4	Agree	37	55	1,774	44			
		5	Strongly agree	16	22	1,155	29			
		Total		68	100	3,991	100			
n. The environment here encourages students to develop an appreciation of diversity.	CAT01n	1	Strongly disagree	1	1	90	3	4.0	3.9	.07
		2	Disagree	0	0	206	6			
		3	Neither agree/disagree	16	23	682	18			
		4	Agree	33	50	1,832	45			
		5	Strongly agree	18	25	1,168	29			
		Total		68	100	3,978	100			

NSSE 2023 Catholic Colleges & Universities

Frequencies and Statistical Comparisons

Misericordia University

Seniors

				Frequency Distributions ^a				Statistical Comparisons ^b		
				Misericordia		Catholic C&U		Misericordia	Catholic C&U	Effect size ^d
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	
o. At this institution, there are opportunities for students to strengthen their religious commitment.	CAT01o	1	Strongly disagree	0	0	37	1	4.1	4.1	.04
		2	Disagree	0	0	107	3			
		3	Neither agree/disagree	11	16	565	14			
		4	Agree	36	55	1,926	48			
		5	Strongly agree	21	30	1,348	34			
		Total		68	100	3,983	100			
p. The mission of this institution is reflected in its course offerings.	CAT01p	1	Strongly disagree	0	0	51	2	3.9	4.0	-.09
		2	Disagree	2	2	127	3			
		3	Neither agree/disagree	16	26	737	18			
		4	Agree	33	51	1,940	49			
		5	Strongly agree	16	20	1,130	28			
		Total		67	100	3,985	100			
q. As a result of my experience here, I am more aware of social justice (fairness and equality) issues in the world.	CAT01q	1	Strongly disagree	0	0	103	3	3.9	3.9	-.01
		2	Disagree	6	7	201	5			
		3	Neither agree/disagree	12	21	793	20			
		4	Agree	34	49	1,737	43			
		5	Strongly agree	16	23	1,147	28			
		Total		68	100	3,981	100			
r. The faculty at this institution discuss the ethical implications of what is being studied.	CAT01r	1	Strongly disagree	0	0	61	2	4.0	3.9	.04
		2	Disagree	3	4	165	4			
		3	Neither agree/disagree	11	17	753	19			
		4	Agree	37	57	1,937	48			
		5	Strongly agree	17	22	1,066	27			
		Total		68	100	3,982	100			
s. As a result of my experience here, I am more aware of my own personal values.	CAT01s	1	Strongly disagree	0	0	56	2	4.0	4.1	-.09
		2	Disagree	6	8	105	3			
		3	Neither agree/disagree	8	12	570	14			
		4	Agree	32	50	1,883	47			
		5	Strongly agree	22	31	1,373	35			
		Total		68	100	3,987	100			

NSSE 2023 Catholic Colleges & Universities

Frequencies and Statistical Comparisons

Misericordia University

Seniors

				Frequency Distributions ^a				Statistical Comparisons ^b		
				Misericordia		Catholic C&U		Misericordia	Catholic C&U	Effect size ^d
Item wording or description	Variable name	Values ^c	Response options	Count	%	Count	%	Mean	Mean	
2. Current religious preference: (Mark only one)										
	CAT02	—	Baptist	3	4	161	4			
		—	Buddhist	0	0	34	1			
		—	Eastern Orthodox	0	0	36	1			
		—	Episcopalian	1	2	25	1			
		—	Hindu	0	0	31	1			
		—	Islamic	0	0	91	2			
		—	Jewish (Orthodox)	0	0	6	0			
		—	Jewish (Conservative)	1	1	12	0			
		—	Jewish (Reform)	0	0	15	0			
		—	Jewish (Unaffiliated)	0	0	18	1			
		—	LDS (Mormon)	0	0	5	0			
		—	Lutheran	6	8	125	3			
		—	Methodist	5	9	58	1			
		—	Presbyterian	0	0	40	1			
		—	Quaker	0	0	1	0			
		—	Roman Catholic	12	17	1,520	41			
		—	Seventh Day Adventist	0	0	10	0			
		—	Unitarian/Universalist	0	0	9	0			
		—	United Church of Christ	0	0	27	1			
		—	Other Christian	9	14	640	15			
		—	Other religion	3	5	177	4			
		—	None	28	39	931	23			
			Total	68	100	3,972	100			

First-Year Students

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	Misericordia	Misericordia	Catholic C&U	Misericordia	Catholic C&U	Misericordia	Catholic C&U	Comparisons with:		
								Catholic C&U		
CAT01a	45	4.20	3.78	.115	.018	0.77	0.92	2,668	.002	.46
CAT01b	45	4.13	4.00	.101	.016	0.68	0.82	2,667	.299	.16
CAT01c	45	4.58	4.18	.079	.014	0.53	0.74	2,666	.000	.54
CAT01d	45	4.32	4.06	.101	.015	0.68	0.79	2,662	.027	.33
CAT01e	45	4.34	4.13	.098	.014	0.66	0.74	2,658	.059	.28
CAT01f	45	4.37	4.13	.081	.015	0.55	0.76	2,659	.033	.32
CAT01g	45	4.13	4.10	.110	.016	0.74	0.82	2,656	.797	.04
CAT01h	45	4.35	4.15	.096	.015	0.64	0.77	2,654	.088	.26
CAT01i	45	4.13	4.06	.104	.016	0.70	0.80	2,655	.560	.09
CAT01j	45	4.15	4.04	.096	.016	0.64	0.81	2,651	.384	.13
CAT01k	45	4.36	4.20	.077	.014	0.51	0.74	2,656	.155	.21
CAT01l	45	4.05	4.10	.123	.016	0.82	0.80	2,650	.661	-.07
CAT01m	45	4.15	3.98	.111	.017	0.75	0.85	2,654	.201	.19
CAT01n	45	4.18	4.05	.109	.016	0.73	0.83	2,641	.275	.16
CAT01o	45	4.28	4.19	.101	.015	0.68	0.76	2,646	.468	.11
CAT01p	44	4.18	4.03	.099	.016	0.66	0.79	2,638	.207	.19
CAT01q	44	4.03	3.86	.112	.017	0.75	0.89	46	.133	.20
CAT01r	44	4.08	3.89	.112	.016	0.75	0.83	2,637	.135	.23
CAT01s	44	4.16	4.01	.117	.016	0.78	0.83	2,642	.217	.19

Seniors

Variable name	N	Mean		Standard error ^f		Standard deviation ^g		DF ^h	Sig. ⁱ	Effect size ^d
	Misericordia	Misericordia	Catholic C&U	Misericordia	Catholic C&U	Misericordia	Catholic C&U	Comparisons with: Catholic C&U		
CAT01a	69	3.70	3.68	.113	.018	0.94	1.00	3,312	.860	.02
CAT01b	69	3.87	3.96	.096	.016	0.80	0.91	3,299	.429	-.10
CAT01c	69	4.42	4.15	.077	.014	0.64	0.79	3,298	.005	.34
CAT01d	69	4.09	4.00	.084	.016	0.70	0.89	3,291	.394	.10
CAT01e	69	4.21	4.10	.078	.014	0.65	0.81	3,295	.271	.13
CAT01f	69	4.29	4.02	.074	.016	0.61	0.90	3,288	.011	.31
CAT01g	69	4.06	4.06	.095	.016	0.79	0.92	3,291	.974	.00
CAT01h	69	4.18	4.06	.081	.016	0.68	0.90	3,292	.257	.14
CAT01i	69	4.05	4.00	.092	.016	0.77	0.91	3,289	.644	.06
CAT01j	69	4.01	3.94	.086	.016	0.71	0.93	73	.443	.07
CAT01k	69	4.24	4.10	.078	.015	0.65	0.86	3,295	.161	.17
CAT01l	69	4.07	4.04	.088	.016	0.73	0.89	3,291	.775	.03
CAT01m	69	3.97	3.90	.091	.017	0.76	0.97	73	.478	.07
CAT01n	69	3.99	3.92	.093	.017	0.77	0.96	73	.463	.07
CAT01o	69	4.14	4.11	.080	.015	0.66	0.83	3,290	.763	.04
CAT01p	68	3.90	3.98	.090	.015	0.74	0.87	3,291	.466	-.09
CAT01q	69	3.87	3.88	.102	.017	0.85	0.98	3,288	.920	-.01
CAT01r	69	3.97	3.93	.090	.016	0.75	0.90	3,286	.741	.04
CAT01s	69	4.03	4.10	.105	.015	0.87	0.86	3,292	.481	-.09

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. Comparison group details are in the Selected Comparison Groups report, linked in the Data & Reports table on the Institution Interface.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Unless otherwise noted, statistical comparisons are two-tailed independent t-tests. Items with categorical response sets are left blank.
- c. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook.
- d. Effect size for independent *t*-tests uses Cohen's *d*; *z*-tests use Cohen's *h*.
- e. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Categorical items are not listed.
- f. The 95% confidence interval for the population mean is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- g. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- h. Degrees of freedom used to compute the t-tests. Values differ from Ns due to weighting and whether equal variances were assumed.
- i. 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 students in the comparison group is due to chance.
- j. Statistical comparison uses *z*-test to compare the proportion who responded (depending on the item) "Done or in progress" or "Yes" with all who responded otherwise.
- k. Mean represents the proportion who responded (depending on the item) "Done or in progress" or "Yes."

Key to symbols:

- ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
- △ **Your students' average** was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
- ▽ **Your students' average** was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
- ▼ **Your students' average** was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context. You may not see all of these symbols in your report

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