		N first-gen	ot eration	First-ger	eration
Item	Variable	N	Mean	N	Mean
Item 4: In your experiences at this college during the current academic year, about how often have y	ou done each of the foll	lowing?			
1 = Never, 2 = Sometimes , 3 = Often , 4 = Very often					
4a. Asked questions in class or contributed to class discussions [ACTCOLL]	CLQUEST	121,820	2.97	72,205	2.97
4b. Made a class presentation [ACTCOLL]	CLPRESEN	121,615	2.02	72,067	2.09
4c. Prepared two or more drafts of a paper or assignment before turning it in [STUEFF]	REWROPAP	121,377	2.42	71,959	2.60
4d. Worked on a paper or project that required integrating ideas or information from various sources [STUEFF]	INTEGRAT	121,528	2.90	72,015	2.91
4e. Come to class without completing readings or assignments [STUEFF]	CLUNPREP	121,468	1.73	71,947	1.67
4f. Worked with other students on projects during class [ACTCOLL]	CLASSGRP	121,200	2.29	71,807	2.29
4g. Worked with classmates outside of class to prepare class assignments [ACTCOLL]	OCCGRP	121,397	1.82	71,892	1.81
4h. Tutored or taught other students (paid or voluntary) [ACTCOLL]	TUTOR	121,417	1.32	71,898	1.32
4i. Participated in a community-based project (service-learning activity) as part of a regular course [ACTCOLL]	PARTICCBP	121,408	1.32	71,868	1.36
4j. Used e-mail to communicate with an instructor [STUFAC]	EMAIL	121,409	3.18	71,915	3.20
4k. Discussed grades or assignments with an instructor [STUFAC]	FACGRADE	121,579	2.64	71,987	2.66
4l. Talked about career plans with an instructor or advisor [STUFAC]	FACPLANS	121,331	2.20	71,872	2.29
4m. Discussed ideas from your readings or classes with instructors outside of class [STUFAC]	FACIDEAS	121,155	1.78	71,761	1.83
4n. Received prompt feedback (written or oral) from instructors on your performance [STUFAC]	FACFEED	121,398	2.95	71,899	2.94
4o. Worked harder than you thought you could to meet an instructor's standards or expectations [ACCHALL]	WORKHARD	121,490	2.66	71,938	2.76

		Not first-generation		First-gen	eration
Item	Variable	N	Mean	N	Mean
Item 4: In your experiences at this college during the current academic year, about how often have you	done each of the follo	owing?			
1 = Never, 2 = Sometimes , 3 = Often , 4 = Very often					
4p. Worked with instructors on activities other than coursework [STUFAC]	FACOTH	120,973	1.48	71,640	1.52
4q. Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.) [ACTCOLL]	OOCIDEAS	121,509	2.52	71,972	2.48
4r. Had serious conversations with students who differ from you	CONVSTUDIFF	121,528	1.87	71,973	1.82
4s. Skipped class	SKIPCLAS	121,573	1.36	71,977	1.30
Item 5: During the current academic year, how much has your coursework at this college emphasized	the following mental a	activities?			
1 = Very little , 2 = Some , 3 = Quite a bit , 4 = Very much		-			
5a. Memorizing facts, ideas, or methods from your courses and readings so you can repeat them in pretty much the same form	MEMORIZE	121,683	2.80	72,118	2.84
5b. Analyzing the basic elements of an idea, experience, or theory [ACCHALL]	ANALYZE	121,484	3.02	71,995	3.02
5c. Forming a new idea or understanding from various pieces of information [ACCHALL]	NEWIDEAS	121,301	2.98	71,870	3.02
5d. Making judgements about the value or soundness of information, arguments, or methods [ACCHALL]	EVALUATE	121,385	2.74	71,916	2.74
5e. Applying theories or concepts to practical problems or in new situations [ACCHALL]	APPLYING	121,461	2.89	71,982	2.89
5f. Using information you have read or heard to perform a new skill [ACCHALL]	PERFORM	121,660	2.98	72,092	3.03
Item 6: During the current academic year, how much reading and writing have you done at this college	?				
0 = None , 1 = 1–4 , 2 = 5–10 , 3 = 11–20 , 4 = More than 20					
6a. Number of assigned textbooks, manuals, books, or packets of course readings [ACCHALL]	ASSIGREAD	120,953	1.86	71,693	1.91
6b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment [STUEFF]	BKREADOWN	121,118	1.03	71,788	1.06

		Not first-generation		First-generation	
Item	Variable	N	Mean	N	Mean
Item 6: During the current academic year, how much reading and writing have you done at this college	?				
0 = None , 1 = 1–4 , 2 = 5–10 , 3 = 11–20 , 4 = More than 20		-			
6c. Number of written papers or reports of any length [ACCHALL]	NUMPAPRRPTS	121,090	1.80	71,767	1.80
Item 7	1		1	1	
1 = Extremely easy, 2 = (2), 3 = (3), 4 = (4), 5 = (5), 6 = (6), 7 = Extremely challenging					
Mark the response that best represents the extent to which your examinations during the current academic year have challenged you to do your best work at this college [ACCHALL]	CHALNGXAM	119,623	5.23	70,582	5.38
Item 9: How much does this college emphasize the following?		·			
1 = Very little , 2 = Some , 3 = Quite a bit , 4 = Very much					
9a. Encouraging you to spend significant amounts of time studying [ACCHALL]	ENVSCHOL	121,187	3.02	71,859	3.13
9b. Providing the support you need to help you succeed at this college [SUPPORT]	ENVSUPRT	121,092	3.13	71,791	3.19
9c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds [SUPPORT]	ENVDIVRS	120,859	2.72	71,628	2.78
9d. Helping you cope with your non-academic responsibilities (work, family, etc.) [SUPPORT]	ENVNACAD	120,856	2.21	71,622	2.31
9e. Providing the support you need to thrive socially [SUPPORT]	ENVSOCAL	120,842	2.35	71,612	2.49
9f. Providing the financial support you need to afford your education [SUPPORT]	FINSUPP	120,793	2.72	71,656	2.83
Item 10: About how many hours do you spend in a typical 7-day week doing each of the following?					
0 = None , 1 = 1–5 , 2 = 6–10 , 3 = 11–20 , 4 = 21–30 , 5 = More than 30					
10a. Preparing for class (studying, reading, writing, rehearsing, doing homework, etc.) [STUEFF]	ACADPR01	121,155	2.21	71,841	2.25
10b. Working for pay	PAYWORK	120,893	2.76	71,627	2.87

		Not first-generation		First-gen	First-generation			
Item	Variable	N	Mean	N	Mean			
Item 10: About how many hours do you spend in a typical 7-day week doing each of the following?								
0 = None , 1 = 1–5 , 2 = 6–10 , 3 = 11–20 , 4 = 21–30 , 5 = More than 30								
10c. Participating in college-sponsored activities (organizations, campus publications, student government, intramural sports, etc.)	PARTICXCUR	120,973	0.32	71,676	0.31			
10d. Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01	120,773	1.51	71,565	2.13			
10e. Commuting to and from classes	COMMUTE	120,980	0.91	71,587	0.96			
Item 11: How much has your experience at this college contributed to your knowledge, skills, and personal states and personal states and personal states are stated at the states and personal states are stated at the states are states at the states are states at the states are states at the s	onal development in th	ne following	areas?					
1 = Very little , 2 = Some , 3 = Quite a bit , 4 = Very much								
11a. Acquiring job- or work-related knowledge and skills	GNWORK	120,847	2.60	71,617	2.67			
11b. Writing clearly and effectively	GNWRITE	120,968	2.78	71,728	2.94			
11c. Speaking clearly and effectively	GNSPEAK	120,893	2.67	71,689	2.86			
11d. Thinking critically and analytically	GNANALY	120,883	3.05	71,679	3.15			
11e. Solving numerical problems	GNSOLVE	120,832	2.61	71,643	2.73			
11f. Working effectively with others	GNOTHERS	120,876	2.74	71,645	2.89			
11g. Learning effectively on your own	GNINQ	120,883	3.12	71,691	3.20			
11h. Developing clearer career goals	GNCARGOAL	120,881	2.82	71,656	2.95			
11i. Gaining information about career opportunities	GNGAINCAR	120,931	2.68	71,688	2.82			

		Not first-generation		First-gen	eration
ltem	Variable	N	Mean	N	Mean
Item 12.1: How often have you used the following services during the current academic year?					
0 = Never , 1 = 1 time , 2 = 2–4 times , 3 = 5 or more times		-			
12.1a. Academic advising/planning [SUPPORT]	FREQACAD	120,445	1.57	71,253	1.64
12.1b. Career counseling [SUPPORT]	FREQCACOU	120,175	0.54	71,101	0.72
12.1c. Job placement assistance	FREQJOBPL	119,906	0.17	70,902	0.22
12.1d. Peer or other tutoring [STUEFF]	FREQTUTOR	119,876	0.58	70,917	0.69
12.1e. Skill labs (writing, math, etc.) [STUEFF]	FREQLAB	119,764	0.65	70,782	0.79
12.1f. Child care	FREQCHLD	119,784	0.08	70,806	0.12
12.1g. Financial aid advising	FREQFAADV	119,939	0.97	70,999	1.20
12.1h. Computer lab [STUEFF]	FREQCOMLB	119,801	0.72	70,865	0.79
12.1i. Student organizations	FREQSTORG	119,625	0.39	70,703	0.41
12.1j. Transfer advising/planning	FREQTRADV	119,407	0.59	70,614	0.60
12.1k. Library resources and services	FREQLIB	119,755	1.23	70,833	1.28
12.1I. Services for students with disabilities	FREQDISABSVC	119,977	0.22	70,938	0.21
12.1m. Services for active military and veterans	FREQMILSVCS	119,961	0.11	70,943	0.13
Item 12.2: How satisfied are you with the services?				·	
0 = Not at all , 1 = Somewhat , 2 = Very					
12.2a. Academic advising/planning	SATACAD	99,237	1.54	59,602	1.57

		Not first-generation		First-ger	eration
ltem	Variable	N	Mean	N	Mean
Item 12.2: How satisfied are you with the services?					
0 = Not at all , 1 = Somewhat , 2 = Very					_
12.2b. Career counseling	SATCACOU	39,423	1.47	29,430	1.52
12.2c. Job placement assistance	SATJOBPL	12,926	1.37	9,699	1.36
12.2d. Peer or other tutoring	SATTUTOR	36,931	1.53	25,389	1.54
12.2e. Skill labs (writing, math, etc.)	SATLAB	38,234	1.53	27,185	1.55
12.2f. Child care	SATCHLD	4,363	1.30	3,952	1.31
12.2g. Financial aid advising	SATFAADV	65,951	1.53	45,981	1.58
12.2h. Computer lab	SATCOMLB	41,916	1.61	26,572	1.63
12.2i. Student organizations	SATSTORG	26,517	1.49	16,588	1.50
12.2j. Transfer advising/planning	SATTRADV	44,287	1.49	25,779	1.50
12.2k. Library resources and services	SATLIB	72,376	1.68	43,904	1.69
12.2I. Services for students with disabilities	SATDISABSVC	12,501	1.55	7,318	1.52
12.2m. Services for active military and veterans	SATMILSVCS	7,041	1.47	4,850	1.46
Item 12.3: How important are the services to you at this college?	1	1	1		1
1 = Not at all , 2 = Somewhat , 3 = Very					
12.3a. Academic advising/planning	IMPACAD	119,253	2.67	70,386	2.72
12.3b. Career counseling	IMPCACOU	118,202	2.36	69,849	2.47
12.3c. Job placement assistance	IMPJOBPL	117,656	2.15	69,478	2.25

			Not first-generation		neration
Item	Variable	N	Mean	N	Mean
Item 12.3: How important are the services to you at this college?					
1 = Not at all , 2 = Somewhat , 3 = Very					
12.3d. Peer or other tutoring	IMPTUTOR	117,769	2.17	69,574	2.29
12.3e. Skill labs (writing, math, etc.)	IMPLAB	117,502	2.14	69,479	2.30
12.3f. Child care	IMPCHLD	117,129	1.71	69,177	1.82
12.3g. Financial aid advising	IMPFAADV	117,847	2.45	69,763	2.59
12.3h. Computer lab	IMPCOMLB	117,613	2.09	69,502	2.20
12.3i. Student organizations	IMPSTORG	117,217	1.92	69,226	2.01
12.3j. Transfer advising/planning	IMPTRADV	117,165	2.29	69,218	2.33
12.3k. Library resources and services	IMPLIB	117,962	2.40	69,620	2.47
12.3I. Services for students with disabilities	IMPDISABSVC	117,585	2.01	69,483	2.06
12.3m. Services for active military and veterans	IMPMILSVCS	117,500	1.86	69,422	1.93
Item 22		1		1	
0 = Never , 1 = Less than 1 time a week , 2 = 1–2 times a week , 3 = 3–4 times a week , 4 = More tha	n 4 times a week				
22. During the current academic year at this college, I have participated in supplemental instruction/supplemental learning (extra class sessions with the instructor or an experienced student).	PARTICSI	121,303	0.36	71,905	0.39
Item 23: How likely is it that the following issues would cause you to withdraw from class or from this	college?				
1 = Not likely , 2 = Somewhat likely , 3 = Likely , 4 = Very likely					
23a. Working full-time	WRKFULL	121,062	2.23	71,640	2.33

		Not first-generation		First-gen	eration
Item	Variable	N	Mean	N	Mean
Item 23: How likely is it that the following issues would cause you to withdraw from class or from this co	ollege?				
1 = Not likely , 2 = Somewhat likely , 3 = Likely , 4 = Very likely					
23b. Caring for dependents	CAREDEP	120,812	1.88	71,429	2.07
23c. Academically unprepared	ACADUNP	120,534	1.76	71,219	1.83
23d. Lack of finances	LACKFIN	120,797	2.37	71,470	2.60
23e. Transfer to a 4-year college or university	TRANSFER	120,849	2.15	71,395	2.01
Item 24	1				
1 = Not very , 2 = Somewhat , 3 = Quite a bit , 4 = Extremely					
24. How supportive are your friends of your attending this college?	FRNDSUPP	121,243	3.37	71,886	3.35
Item 25	·				
1 = Not very , 2 = Somewhat , 3 = Quite a bit , 4 = Extremely					
25. How supportive is your immediate family of your attending this college?	FAMSUPP	117,946	3.60	68,916	3.52
Item 29					
1 = D or lower , 2 = C , 3 = B , 4 = A					
29. At this college, in what range is your overall college grade point average (GPA)?	COLGPA	116,533	3.24	68,031	3.16
Item 30	·				
1 = D or lower , 2 = C , 3 = B , 4 = A					
30. In what range was your overall high school grade point average (GPA)?	HSGPA	109,748	3.16	61,998	3.00

		Not first-generation		First-gen	eration
Item	Variable	N	Mean	N	Mean
Item 32: During the current academic term, how many classes are you taking					
0 = None , 1 = 1 , 2 = 2 , 3 = 3 , 4 = 4 , 5 = 5 or more		_		_	
32a. Face-to-face (a class in which all instruction is face-to-face in a classroom)	NUMCLF2F	118,985	1.46	70,301	1.36
32b. Online (a class in which all instruction is online)	NUMCLOL	118,346	1.55	70,244	1.62
32c. Hybrid (a class that is a mixture of face-to-face and online instruction)	NUMCLHYB	114,736	0.44	67,860	0.48
Item 33					
0 = None , 1 = 1–14 credits , 2 = 15–29 credits , 3 = 30–44 credits , 4 = 45–60 credits , 5 = Over 60 credits	edits				
33. How many total credit hours have you earned at this college, not counting the courses you are currently taking this academic term?	TOTCREARND	120,564	2.24	71,444	2.20
Item 34					
1 = This is my first academic term , 2 = This is my second academic term , 3 = This is my third or four I have been enrolled more than six academic terms	th academic term , 4	= This is my	/ fifth or sixt	h academic	term , 5 =
34. How many total academic terms have you been enrolled at this college?	TOTTERMS	120,968	2.68	71,503	2.68
Item 36					
1 = Poor , 2 = Fair , 3 = Good , 4 = Excellent					
36. How would you evaluate your overall educational experience at this college?	OVRALLEXPER	121,823	3.27	72,173	3.33