		Not first-generation		First-generation	
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	wing?			
1 = Never, 2 = Sometimes , 3 = Often , 4 = Very often					
4a. Asked questions in class or contributed to class discussions [ACTCOLL]	CLQUEST	112,339	2.98	67,273	2.97
4b. Made a class presentation [ACTCOLL]	CLPRESEN	112,180	2.06	67,174	2.13
4c. Prepared two or more drafts of a paper or assignment before turning it in [STUEFF]	REWROPAP	111,927	2.42	67,082	2.60
4d. Worked on a paper or project that required integrating ideas or information from various sources [STUEFF]	INTEGRAT	112,155	2.93	67,133	2.94
4e. Come to class without completing readings or assignments [STUEFF]	CLUNPREP	112,073	1.77	67,079	1.70
4f. Worked with other students on projects during class [ACTCOLL]	CLASSGRP	111,804	2.42	66,934	2.42
4g. Worked with classmates outside of class to prepare class assignments [ACTCOLL]	OCCGRP	111,979	1.88	67,002	1.87
4h. Tutored or taught other students (paid or voluntary) [ACTCOLL]	TUTOR	111,981	1.35	67,033	1.34
4i. Participated in a community-based project (service-learning activity) as part of a regular course [ACTCOLL]	PARTICCBP	111,936	1.35	66,993	1.37
4j. Used e-mail to communicate with an instructor [STUFAC]	EMAIL	111,966	3.12	67,049	3.15
4k. Discussed grades or assignments with an instructor [STUFAC]	FACGRADE	112,124	2.63	67,119	2.66
4l. Talked about career plans with an instructor or advisor [STUFAC]	FACPLANS	111,909	2.25	67,022	2.32
4m. Discussed ideas from your readings or classes with instructors outside of class [STUFAC]	FACIDEAS	111,699	1.81	66,884	1.85
4n. Received prompt feedback (written or oral) from instructors on your performance [STUFAC]	FACFEED	111,957	2.96	67,024	2.95
4o. Worked harder than you thought you could to meet an instructor's standards or expectations [ACCHALL]	WORKHARD	112,051	2.65	67,057	2.73

		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	111,496	1.51	66,747	1.55
4q. Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.) [ACTCOLL]	OOCIDEAS	112,080	2.56	67,117	2.52
4r. Had serious conversations with students who differ from you	CONVSTUDIFF	112,085	1.92	67,082	1.87
4s. Skipped class	SKIPCLAS	112,155	1.40	67,127	1.34
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	111,998	2.81	67,004	2.85
5b. Analyzing the basic elements of an idea, experience, or theory [ACCHALL]	ANALYZE	111,790	3.02	66,839	3.00
5c. Forming a new idea or understanding from various pieces of information [ACCHALL]	NEWIDEAS	111,606	2.98	66,723	3.01
5d. Making judgements about the value or soundness of information, arguments, or methods [ACCHALL]	EVALUATE	111,665	2.72	66,804	2.71
5e. Applying theories or concepts to practical problems or in new situations [ACCHALL]	APPLYING	111,753	2.87	66,829	2.87
5f. Using information you have read or heard to perform a new skill [ACCHALL]	PERFORM	111,999	2.99	67,011	3.04
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	111,256	1.87	66,608	1.91
6b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment [STUEFF]	BKREADOWN	111,428	1.05	66,717	1.07

		Not first-generation		First-gen	eration	
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	111,441	1.76	66,747	1.75	
Item 7						
1 = Extremely easy, 2 = (2), 3 = (3), 4 = (4), 5 = (5), 6 = (6), 7 = Extremely challenging						
7. 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	109,603	5.14	65,296	5.28	
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	111,574	3.00	66,840	3.12	
9b. Providing the support you need to help you succeed at this college [SUPPORT]	ENVSUPRT	111,456	3.15	66,767	3.20	
9c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds [SUPPORT]	ENVDIVRS	111,266	2.76	66,632	2.81	
9d. Helping you cope with your non-academic responsibilities (work, family, etc.) [SUPPORT]	ENVNACAD	111,273	2.22	66,653	2.31	
9e. Providing the support you need to thrive socially [SUPPORT]	ENVSOCAL	111,235	2.39	66,629	2.51	
9f. Providing the financial support you need to afford your education [SUPPORT]	FINSUPP	111,221	2.71	66,696	2.82	
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	111,534	2.14	66,814	2.18	
10b. Working for pay	PAYWORK	111,213	2.78	66,537	2.91	

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ltem	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	111,383	0.35	66,633	0.32			
10d. Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01	111,176	1.40	66,570	1.99			
10e. Commuting to and from classes	COMMUTE	111,399	1.10	66,617	1.15			
Item 11: How much has your experience at this college contributed to your knowledge, skills, and person	onal development in th	ne following a	areas?					
1 = Very little , 2 = Some , 3 = Quite a bit , 4 = Very much								
11a. Acquiring job- or work-related knowledge and skills	GNWORK	111,237	2.62	66,604	2.68			
11b. Writing clearly and effectively	GNWRITE	111,361	2.78	66,718	2.94			
11c. Speaking clearly and effectively	GNSPEAK	111,286	2.69	66,684	2.87			
11d. Thinking critically and analytically	GNANALY	111,279	3.06	66,673	3.15			
11e. Solving numerical problems	GNSOLVE	111,238	2.61	66,641	2.71			
11f. Working effectively with others	GNOTHERS	111,271	2.80	66,640	2.92			
11g. Learning effectively on your own	GNINQ	111,330	3.12	66,713	3.19			
11h. Developing clearer career goals	GNCARGOAL	111,349	2.83	66,719	2.96			
11i. Gaining information about career opportunities	GNGAINCAR	111,387	2.72	66,761	2.85			

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Item	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	110,793	1.59	66,246	1.65
12.1b. Career counseling [SUPPORT]	FREQCACOU	110,482	0.54	66,081	0.72
12.1c. Job placement assistance	FREQJOBPL	110,226	0.17	65,881	0.22
12.1d. Peer or other tutoring [STUEFF]	FREQTUTOR	110,158	0.59	65,849	0.69
12.1e. Skill labs (writing, math, etc.) [STUEFF]	FREQLAB	110,069	0.67	65,699	0.81
12.1f. Child care	FREQCHLD	110,072	0.08	65,717	0.12
12.1g. Financial aid advising	FREQFAADV	110,223	0.96	65,964	1.19
12.1h. Computer lab [STUEFF]	FREQCOMLB	110,142	0.78	65,867	0.84
12.1i. Student organizations	FREQSTORG	109,921	0.42	65,689	0.42
12.1j. Transfer counseling	FREQTRADV	109,711	0.51	65,553	0.50
12.1k. Library resources and services	FREQLIB	110,056	1.29	65,827	1.33
12.1l. Services for students with disabilities	FREQDISABSVC	110,207	0.23	65,854	0.22
12.1m. Services for active military and veterans	FREQMILSVCS	110,218	0.12	65,849	0.14
Item 12.2: How satisfied are you with the services?					
0 = Not at all , 1 = Somewhat , 2 = Very					
12.2a. Academic advising/planning	SATACAD	92,370	1.53	55,778	1.56

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Item	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	36,443	1.46	27,466	1.51
12.2c. Job placement assistance	SATJOBPL	12,254	1.37	8,956	1.36
12.2d. Peer or other tutoring	SATTUTOR	34,258	1.53	23,705	1.55
12.2e. Skill labs (writing, math, etc.)	SATLAB	36,344	1.52	25,710	1.54
12.2f. Child care	SATCHLD	3,931	1.30	3,554	1.32
12.2g. Financial aid advising	SATFAADV	60,815	1.52	42,836	1.57
12.2h. Computer lab	SATCOMLB	42,231	1.61	26,465	1.62
12.2i. Student organizations	SATSTORG	26,340	1.49	16,168	1.49
12.2j. Transfer counseling	SATTRADV	35,536	1.47	20,583	1.49
12.2k. Library resources and services	SATLIB	69,730	1.68	42,423	1.69
12.2l. Services for students with disabilities	SATDISABSVC	11,981	1.54	6,940	1.52
12.2m. Services for active military and veterans	SATMILSVCS	6,897	1.48	4,573	1.45
Item 12.3: How important are the services to you at this college?					
1 = Not at all , 2 = Somewhat , 3 = Very					
12.3a. Academic advising/planning	IMPACAD	109,328	2.66	65,216	2.71
12.3b. Career counseling	IMPCACOU	108,126	2.33	64,563	2.46
12.3c. Job placement assistance	IMPJOBPL	107,519	2.13	64,153	2.22

		Not first-generation		First-generation		
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	107,600	2.17	64,275	2.28	
12.3e. Skill labs (writing, math, etc.)	IMPLAB	107,339	2.14	64,130	2.28	
12.3f. Child care	IMPCHLD	106,928	1.72	63,789	1.82	
12.3g. Financial aid advising	IMPFAADV	107,762	2.44	64,525	2.58	
12.3h. Computer lab	IMPCOMLB	107,494	2.10	64,181	2.20	
12.3i. Student organizations	IMPSTORG	107,066	1.93	63,858	2.02	
12.3j. Transfer counseling	IMPTRADV	106,970	2.25	63,831	2.29	
12.3k. Library resources and services	IMPLIB	107,905	2.40	64,369	2.46	
12.3l. Services for students with disabilities	IMPDISABSVC	107,411	2.03	64,110	2.07	
12.3m. Services for active military and veterans	IMPMILSVCS	107,314	1.87	64,064	1.94	
Item 22						
0 = Never , 1 = Less than 1 time a week , 2 = 1–2 times a week , 3 = 3–4 times a week , 4 = More than	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	111,797	0.36	66,999	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	111,573	2.23	66,785	2.34	

		Not first-generation		First-gen	eration
ltem	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	111,299	1.88	66,579	2.06
23c. Academically unprepared	ACADUNP	111,016	1.76	66,380	1.84
23d. Lack of finances	LACKFIN	111,299	2.36	66,626	2.60
23e. Transfer to a 4-year college or university	TRANSFER	111,332	2.15	66,565	2.00
Item 24					
1 = Not very , 2 = Somewhat , 3 = Quite a bit , 4 = Extremely					
24. How supportive are your friends of your attending this college?	FRNDSUPP	111,711	3.36	66,993	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	109,819	3.60	65,239	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	107,589	3.21	63,515	3.14
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	102,074	3.16	58,842	3.00

		Not first-generation		First-generation	
ltem	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	110,681	1.88	66,238	1.79
32b. Online (a class in which all instruction is online)	NUMCLOL	108,873	1.18	65,375	1.25
32c. Hybrid (a class that is a mixture of face-to-face and online instruction)	NUMCLHYB	106,230	0.44	63,710	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	110,818	2.21	66,433	2.16
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	111,671	2.64	66,762	2.61
Item 36					
1 = Poor , 2 = Fair , 3 = Good , 4 = Excellent					
36. How would you evaluate your overall educational experience at this college?	OVRALLEXPER	112,426	3.27	67,325	3.32