		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 following?							
1 = Never, 2 = Sometimes , 3 = Often , 4 = Very often							
4a. Asked questions in class or contributed to class discussions [ACTCOLL]	CLQUEST	105,150	2.97	63,658	2.96		
4b. Made a class presentation [ACTCOLL]	CLPRESEN	105,086	2.06	63,605	2.14		
4c. Prepared two or more drafts of a paper or assignment before turning it in [STUEFF]	REWROPAP	104,858	2.43	63,544	2.61		
4d. Worked on a paper or project that required integrating ideas or information from various sources [STUEFF]	INTEGRAT	105,047	2.94	63,565	2.95		
4e. Come to class without completing readings or assignments [STUEFF]	CLUNPREP	104,991	1.77	63,533	1.70		
4f. Worked with other students on projects during class [ACTCOLL]	CLASSGRP	104,827	2.47	63,417	2.47		
4g. Worked with classmates outside of class to prepare class assignments [ACTCOLL]	OCCGRP	104,893	1.88	63,458	1.88		
4h. Tutored or taught other students (paid or voluntary) [ACTCOLL]	TUTOR	104,858	1.34	63,478	1.35		
4i. Participated in a community-based project (service-learning activity) as part of a regular course [ACTCOLL]	PARTICCBP	104,814	1.36	63,428	1.40		
4j. Used e-mail to communicate with an instructor [STUFAC]	EMAIL	104,932	3.07	63,533	3.11		
4k. Discussed grades or assignments with an instructor [STUFAC]	FACGRADE	105,030	2.61	63,555	2.64		
4l. Talked about career plans with an instructor or advisor [STUFAC]	FACPLANS	104,900	2.25	63,486	2.35		
4m. Discussed ideas from your readings or classes with instructors outside of class [STUFAC]	FACIDEAS	104,699	1.82	63,365	1.87		
4n. Received prompt feedback (written or oral) from instructors on your performance [STUFAC]	FACFEED	104,916	2.97	63,503	2.96		
4o. Worked harder than you thought you could to meet an instructor's standards or expectations [ACCHALL]	WORKHARD	104,937	2.63	63,484	2.73		

		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 following?								
1 = Never, 2 = Sometimes , 3 = Often , 4 = Very often								
4p. Worked with instructors on activities other than coursework [STUFAC]	FACOTH	104,537	1.53	63,248	1.57			
4q. Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.) [ACTCOLL]	OOCIDEAS	105,031	2.60	63,555	2.55			
4r. Had serious conversations with students who differ from you	CONVSTUDIFF	104,985	1.93	63,505	1.87			
4s. Skipped class	SKIPCLAS	105,037	1.40	63,570	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	104,754	2.81	63,260	2.84			
5b. Analyzing the basic elements of an idea, experience, or theory [ACCHALL]	ANALYZE	104,558	3.03	63,129	3.01			
5c. Forming a new idea or understanding from various pieces of information [ACCHALL]	NEWIDEAS	104,424	2.99	63,056	3.01			
5d. Making judgements about the value or soundness of information, arguments, or methods [ACCHALL]	EVALUATE	104,437	2.72	63,104	2.70			
5e. Applying theories or concepts to practical problems or in new situations [ACCHALL]	APPLYING	104,530	2.87	63,127	2.86			
5f. Using information you have read or heard to perform a new skill [ACCHALL]	PERFORM	104,728	3.00	63,280	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	103,952	1.84	62,819	1.88			
6b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment [STUEFF]	BKREADOWN	104,013	1.05	62,871	1.07			

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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	104,141	1.70	63,005	1.70		
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	102,742	5.14	61,982	5.26		
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	104,424	3.00	63,225	3.12		
9b. Providing the support you need to help you succeed at this college [SUPPORT]	ENVSUPRT	104,346	3.18	63,160	3.22		
9c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds [SUPPORT]	ENVDIVRS	104,197	2.80	63,045	2.84		
9d. Helping you cope with your non-academic responsibilities (work, family, etc.) [SUPPORT]	ENVNACAD	104,231	2.26	63,087	2.35		
9e. Providing the support you need to thrive socially [SUPPORT]	ENVSOCAL	104,155	2.44	63,040	2.55		
9f. Providing the financial support you need to afford your education [SUPPORT]	FINSUPP	104,126	2.71	63,091	2.81		
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	104,439	2.11	63,200	2.18		
10b. Working for pay	PAYWORK	104,136	2.77	62,943	2.89		

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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	104,294	0.36	63,062	0.34			
10d. Providing care for dependents living with you (parents, children, spouse, etc.)	CAREDE01	104,161	1.32	63,031	1.89			
10e. Commuting to and from classes	COMMUTE	104,334	1.11	63,105	1.18			
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	104,075	2.64	62,932	2.70			
11b. Writing clearly and effectively	GNWRITE	104,192	2.80	63,053	2.95			
11c. Speaking clearly and effectively	GNSPEAK	104,164	2.72	63,034	2.89			
11d. Thinking critically and analytically	GNANALY	104,195	3.09	63,042	3.17			
11e. Solving numerical problems	GNSOLVE	104,132	2.62	63,004	2.73			
11f. Working effectively with others	GNOTHERS	104,137	2.83	63,033	2.95			
11g. Learning effectively on your own	GNINQ	104,240	3.14	63,110	3.21			
11h. Developing clearer career goals	GNCARGOAL	104,271	2.85	63,132	2.98			
11i. Gaining information about career opportunities	GNGAINCAR	104,279	2.76	63,154	2.88			

		Not first-generation		First-generation			
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	103,769	1.58	62,796	1.67		
12.1b. Career counseling [SUPPORT]	FREQCACOU	103,523	0.54	62,685	0.73		
12.1c. Job placement assistance	FREQJOBPL	103,342	0.17	62,548	0.22		
12.1d. Peer or other tutoring [STUEFF]	FREQTUTOR	103,300	0.58	62,483	0.69		
12.1e. Skill labs (writing, math, etc.) [STUEFF]	FREQLAB	103,179	0.64	62,379	0.79		
12.1f. Child care	FREQCHLD	103,183	0.07	62,390	0.11		
12.1g. Financial aid advising	FREQFAADV	103,322	0.95	62,608	1.18		
12.1h. Computer lab [STUEFF]	FREQCOMLB	103,302	0.76	62,506	0.82		
12.1i. Student organizations	FREQSTORG	103,110	0.42	62,416	0.43		
12.1j. Transfer counseling	FREQTRADV	102,985	0.38	62,277	0.38		
12.1k. Library resources and services	FREQLIB	103,230	1.28	62,487	1.32		
12.1l. Services for students with disabilities	FREQDISABSVC	103,294	0.24	62,472	0.23		
12.1m. Services for active military and veterans	FREQMILSVCS	103,287	0.13	62,445	0.15		
Item 12.2: How satisfied are you with the services?							
0 = Not at all , 1 = Somewhat , 2 = Very							
12.2a. Academic advising/planning	SATACAD	87,293	1.54	53,520	1.58		

		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	34,562	1.48	26,704	1.51
12.2c. Job placement assistance	SATJOBPL	11,406	1.36	8,563	1.36
12.2d. Peer or other tutoring	SATTUTOR	32,239	1.54	23,014	1.54
12.2e. Skill labs (writing, math, etc.)	SATLAB	33,234	1.53	24,210	1.55
12.2f. Child care	SATCHLD	3,364	1.30	3,276	1.31
12.2g. Financial aid advising	SATFAADV	57,077	1.53	40,979	1.58
12.2h. Computer lab	SATCOMLB	38,964	1.61	24,817	1.62
12.2i. Student organizations	SATSTORG	25,236	1.50	15,671	1.51
12.2j. Transfer counseling	SATTRADV	26,067	1.48	15,421	1.50
12.2k. Library resources and services	SATLIB	66,052	1.69	40,676	1.70
12.2l. Services for students with disabilities	SATDISABSVC	11,831	1.55	6,853	1.53
12.2m. Services for active military and veterans	SATMILSVCS	6,624	1.50	4,539	1.49
Item 12.3: How important are the services to you at this college?				<u>'</u>	
1 = Not at all , 2 = Somewhat , 3 = Very					
12.3a. Academic advising/planning	IMPACAD	102,647	2.66	62,003	2.71
12.3b. Career counseling	IMPCACOU	101,655	2.35	61,483	2.47
12.3c. Job placement assistance	IMPJOBPL	101,131	2.15	61,209	2.26

		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	101,228	2.17	61,293	2.29		
12.3e. Skill labs (writing, math, etc.)	IMPLAB	100,999	2.14	61,131	2.29		
12.3f. Child care	IMPCHLD	100,668	1.71	60,860	1.83		
12.3g. Financial aid advising	IMPFAADV	101,442	2.44	61,519	2.58		
12.3h. Computer lab	IMPCOMLB	101,193	2.09	61,154	2.20		
12.3i. Student organizations	IMPSTORG	100,794	1.95	60,943	2.04		
12.3j. Transfer counseling	IMPTRADV	100,712	2.21	60,926	2.27		
12.3k. Library resources and services	IMPLIB	101,452	2.40	61,377	2.46		
12.3l. Services for students with disabilities	IMPDISABSVC	101,021	2.03	61,101	2.08		
12.3m. Services for active military and veterans	IMPMILSVCS	100,830	1.88	61,011	1.95		
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	104,724	0.37	63,409	0.41		
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	104,575	2.24	63,250	2.35		

		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 college?							
1 = Not likely, 2 = Somewhat likely, 3 = Likely, 4 = Very likely							
23b. Caring for dependents	CAREDEP	104,320	1.89	63,094	2.07		
23c. Academically unprepared	ACADUNP	104,134	1.77	62,934	1.85		
23d. Lack of finances	LACKFIN	104,342	2.38	63,160	2.62		
23e. Transfer to a 4-year college or university	TRANSFER	104,288	2.14	63,041	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	104,613	3.35	63,387	3.34		
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	103,810	3.59	62,557	3.50		
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	100,842	3.23	60,289	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	95,531	3.15	55,793	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	104,015	1.91	62,958	1.83		
32b. Online (a class in which all instruction is online)	NUMCLOL	102,627	1.16	62,244	1.27		
32c. Hybrid (a class that is a mixture of face-to-face and online instruction)	NUMCLHYB	100,608	0.44	61,034	0.50		
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	103,638	2.18	62,828	2.13		
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	104,659	2.60	63,274	2.56		
Item 36							
1 = Poor , 2 = Fair , 3 = Good , 4 = Excellent							
36. How would you evaluate your overall educational experience at this college?	OVRALLEXPER	105,266	3.29	63,709	3.34		