|  |  | Not first-generation |  | First-generation |  |
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| 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 | 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 |
| 4 e . 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 |
| 41. Talked about career plans with an instructor or advisor [STUFAC] | FACPLANS | 121,331 | 2.20 | 71,872 | 2.29 |
| 4 m . Discussed ideas from your readings or classes with instructors outside of class [STUFAC] | FACIDEAS | 121,155 | 1.78 | 71,761 | 1.83 |
| 4 n . Received prompt feedback (written or oral) from instructors on your performance [STUFAC] | FACFEED | 121,398 | 2.95 | 71,899 | 2.94 |
| 40. 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 |


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| 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 |  |  |  |  |  |
| 4 p . 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 |
| 4 r . 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 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 |
| 5 b . Analyzing the basic elements of an idea, experience, or theory [ACCHALL] | ANALYZE | 121,484 | 3.02 | 71,995 | 3.02 |
| 5 c . 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 |
| 5 e . 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 |


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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 |  |  |  |  |  |
| 6 c . Number of written papers or reports of any length [ACCHALL] | NUMPAPRRPTS | 121,090 | 1.80 | 71,767 | 1.80 |
| 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 | 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 |


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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 | 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 development in the 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 |
| 11 g . 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 |


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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 | 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 |
| 12.11. 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 |



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| 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 |
| 12.31. 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 |  |  |  |  |  |
| $0=$ 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 | 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 |


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| 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 college? |  |  |  |  |  |
| 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 = 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 |  |  |  |  |  |
| $1=\mathrm{D}$ or lower, $2=\mathrm{C}, 3=\mathrm{B}, 4=\mathrm{A}$ |  |  |  |  |  |
| 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 |  |  |  |  |  |
| $1=\mathrm{D}$ or lower, $2=\mathrm{C}, 3=\mathrm{B}, 4=\mathrm{A}$ |  |  |  |  |  |
| 30. In what range was your overall high school grade point average (GPA)? | HSGPA | 109,748 | 3.16 | 61,998 | 3.00 |


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| 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 |
| 32 b . 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 |  |  |  |  |  |
| 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 fourth academic term, $4=$ This is my fifth or sixth academic term, $5=$ I have been enrolled more than six academic terms |  |  |  |  |  |
| 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 |

