|  |  | First-Generation |  | NotFirst-Generation |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Item | Variable | N | Mean | N | Mean |
| Item 4: In your experiences at this college during the current school 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 | 112,083 | 2.93 | 230,429 | 2.95 |
| 4b. Made a class presentation [ACTCOLL] | CLPRESEN | 111,673 | 2.15 | 229,764 | 2.14 |
| 4c. Prepared two or more drafts of a paper or assignment before turning it in [STUEFF] | REWROPAP | 111,321 | 2.59 | 228,824 | 2.46 |
| 4d. Worked on a paper or project that required integrating ideas or information from various sources [STUEFF] | INTEGRAT | 111,401 | 2.82 | 229,177 | 2.83 |
| 4e. Came to class without completing readings or assignments [STUEFF] | CLUNPREP | 111,104 | 1.76 | 228,819 | 1.85 |
| 4f. Worked with other students on projects during class [ACTCOLL] | CLASSGRP | 110,930 | 2.54 | 228,475 | 2.54 |
| 4 g . Worked with classmates outside of class to prepare class assignments [ACTCOLL] | OCCGRP | 111,334 | 1.93 | 229,026 | 1.95 |
| 4h. Tutored or taught other students (paid or voluntary) [ACTCOLL] | TUTOR | 111,594 | 1.36 | 229,483 | 1.41 |
| 4i. Participated in a community-based project as a part of a regular course [ACTCOLL] | COMMPROJ | 111,083 | 1.33 | 228,717 | 1.33 |
| 4j. Used the Internet or instant messaging to work on an assignment | INTERNET | 111,034 | 3.07 | 228,614 | 3.09 |
| 4k. Used e-mail to communicate with an instructor [STUFAC] | EMAIL | 111,247 | 2.89 | 228,905 | 2.92 |
| 4I. Discussed grades or assignments with an instructor [STUFAC] | FACGRADE | 111,377 | 2.62 | 229,205 | 2.62 |
| 4 m . Talked about career plans with an instructor or advisor [STUFAC] | FACPLANS | 111,134 | 2.16 | 228,754 | 2.10 |
| 4 n . Discussed ideas from your readings or classes with instructors outside of class [STUFAC] | FACIDEAS | 111,027 | 1.78 | 228,418 | 1.79 |
| 40. Received prompt feedback (written or oral) from instructors on your performance [STUFAC] | FACFEED | 111,196 | 2.73 | 228,862 | 2.75 |


|  |  | First-Generation |  | Not <br> First-Generation |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Item | Variable | N | Mean | N | Mean |
| Item 4: In your experiences at this college during the current school year, about how often have you done each of the following? |  |  |  |  |  |
| $1=$ Never, $2=$ Sometimes, $3=$ Often, $4=$ Very often |  |  |  |  |  |
| 4 p . Worked harder than you thought you could to meet an instructor's standards or expectations [ACCHALL] | WORKHARD | 111,224 | 2.68 | 229,106 | 2.59 |
| 4q. Worked with instructors on activities other than coursework [STUFAC] | FACOTH | 110,302 | 1.45 | 227,221 | 1.46 |
| 4r. Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.) [ACTCOLL] | OOCIDEAS | 111,571 | 2.55 | 229,379 | 2.57 |
| 4s. Had serious conversations with students of a different race or ethnicity other than your own | DIVRSTUD | 111,531 | 2.39 | 229,187 | 2.49 |
| 4t. Had serious conversations with students who differ from you in terms of their religious beliefs, political opinions, or personal values | DIFFSTUD | 111,444 | 2.27 | 229,137 | 2.44 |
| 4u. Skipped class | SKIPCLAS | 111,661 | 1.46 | 229,817 | 1.58 |
| Item 5: During the current school 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 | 111,959 | 2.89 | 230,112 | 2.89 |
| 5 b . Analyzing the basic elements of an idea, experience, or theory [ACCHALL] | ANALYZE | 111,599 | 2.92 | 229,629 | 2.95 |
| 5c. Synthesizing and organizing ideas, information, or experiences in new ways [ACCHALL] | SYNTHESZ | 111,212 | 2.81 | 228,695 | 2.80 |
| 5d. Making judgments about the value or soundness of information, arguments, or methods [ACCHALL] | EVALUATE | 111,340 | 2.62 | 228,977 | 2.65 |
| 5e. Applying theories or concepts to practical problems or in new situations [ACCHALL] | APPLYING | 111,463 | 2.73 | 229,367 | 2.76 |
| 5f. Using information you have read or heard to perform a new skill [ACCHALL] | PERFORM | 111,855 | 2.88 | 229,983 | 2.85 |


|  |  | First-Generation |  | NotFirst-Generation |  |
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| Item | Variable | N | Mean | N | Mean |
| Item 6: During the current school year, about how much reading and writing have you done at this college? |  |  |  |  |  |
| $1=$ None, $2=$ Between 1 and 4, 3 = Between 5 and 10, $4=$ Between 11 and 20,5 $=$ More than 20 |  |  |  |  |  |
| 6a. Number of assigned textbooks, manuals, books, or book-length packs of course readings [ACCHALL] | READASGN | 111,115 | 2.93 | 228,434 | 2.86 |
| 6b. Number of books read on your own (not assigned) for personal enjoyment or academic enrichment [STUEFF] | READOWN | 111,097 | 2.02 | 228,399 | 2.08 |
| 6c. Number of written papers or reports of any length [ACCHALL] | WRITEANY | 111,014 | 2.87 | 228,300 | 2.89 |
| Item 7 |  |  |  |  |  |
| 1 = Extremely easy ... 7 = Extremely challenging |  |  |  |  |  |
| 7. Mark the response that best represents the extent to which your examinations during the current school year have challenged you to do your best work at this college [ACCHALL] | EXAMS | 107,026 | 5.10 | 221,312 | 4.92 |
| Item 9: How much does this college emphasize each of 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 | 111,182 | 3.13 | 228,512 | 3.00 |
| 9b. Providing the support you need to help you succeed at this college [SUPPORT] | ENVSUPRT | 111,055 | 3.08 | 228,209 | 3.01 |
| 9c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds [SUPPORT] | ENVDIVRS | 110,781 | 2.61 | 227,601 | 2.56 |
| 9d. Helping you cope with your non-academic responsibilities (work, family, etc.) [SUPPORT] | ENVNACAD | 110,820 | 2.05 | 227,742 | 1.96 |
| 9e. Providing the support you need to thrive socially [SUPPORT] | ENVSOCAL | 110,377 | 2.27 | 226,904 | 2.16 |
| 9f. Providing the financial support you need to afford your education [SUPPORT] | FINSUPP | 110,678 | 2.69 | 227,242 | 2.50 |
| 9g. Using computers in academic work | ENVCOMP | 111,092 | 3.27 | 228,250 | 3.22 |


|  |  | First-Generation |  | Not <br> First-Generation |  |
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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, $1=1-5$ hours, $2=6-10$ hours, $3=11-20$ hours, $4=21-30$ hours, $5=$ More than 30 hours |  |  |  |  |  |
| 10a. Preparing for class (studying, reading, writing, rehearsing, doing homework, or other activites related to your program) [STUEFF] | ACADPR01 | 111,007 | 2.07 | 228,226 | 2.02 |
| 10b. Working for pay | PAYWORK | 110,674 | 2.92 | 227,785 | 2.90 |
| 10c. Participating in college-sponsored activities (organizations, campus publications, student government, intercollegiate or intramural sports, etc.) | COCURR01 | 110,754 | 0.27 | 227,809 | 0.31 |
| 10d. Providing care for dependents living with you (parents, children, spouse, etc.) | CAREDE01 | 110,496 | 2.11 | 227,492 | 1.55 |
| 10e. Commuting to and from classes | COMMUTE | 110,737 | 1.38 | 227,881 | 1.30 |
| Item 11: Mark the number that best represents the quality of your relationships with people at this college. |  |  |  |  |  |
| 1 = Unfriendly, unsupportive, sense of alienation ... 7 = Friendly, supportive, sense of belonging |  |  |  |  |  |
| 11a. Other students | ENVSTU | 111,134 | 5.56 | 228,537 | 5.43 |
| 11b. Instructors | ENVFAC | 111,144 | 5.78 | 228,596 | 5.68 |
| 11c. Administrative personnel and offices | ENVADM | 111,061 | 5.16 | 228,238 | 4.96 |
| Item 12: 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 |  |  |  |  |  |
| 12a. Acquiring a broad general education | GNGENLED | 110,926 | 3.06 | 227,982 | 2.97 |
| 12b. Acquiring job or work-related knowledge and skills | GNWORK | 110,772 | 2.66 | 227,722 | 2.57 |
| 12c. Writing clearly and effectively | GNWRITE | 110,853 | 2.88 | 227,749 | 2.72 |
| 12d. Speaking clearly and effectively | GNSPEAK | 110,816 | 2.80 | 227,650 | 2.64 |
| 12e. Thinking critically and analytically | GNANALY | 110,798 | 3.04 | 227,656 | 2.94 |


|  |  | First-Generation |  | Not <br> First-Generation |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Item | Variable | N | Mean | N | Mean |
| Item 12: 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 |  |  |  |  |  |
| 12f. Solving numerical problems | GNSOLVE | 110,709 | 2.77 | 227,480 | 2.65 |
| 12g. Using computing and information technology | GNCMPTS | 110,740 | 2.91 | 227,561 | 2.76 |
| 12h. Working effectively with others | GNOTHERS | 110,815 | 2.89 | 227,672 | 2.76 |
| 12i. Learning effectively on your own | GNINQ | 110,788 | 3.05 | 227,697 | 2.95 |
| 12j. Understanding yourself | GNSELF | 110,687 | 2.78 | 227,451 | 2.59 |
| 12k. Understanding people of other racial and ethnic backgrounds | GNDIVERS | 110,577 | 2.55 | 227,153 | 2.39 |
| 121. Developing a personal code of values and ethics | GNETHICS | 110,611 | 2.57 | 227,239 | 2.39 |
| 12 m . Contributing to the welfare of your community | GNCOMMUN | 110,412 | 2.15 | 227,002 | 2.03 |
| 12n. Developing clearer career goals | CARGOAL | 110,714 | 2.82 | 227,552 | 2.69 |
| 120. Gaining information about career opportunities | GAINCAR | 110,913 | 2.69 | 227,834 | 2.54 |
| Item 13.1: How often do you use the following services at this college? |  |  |  |  |  |
| 1 = Rarely/Never, 2 = Sometimes, 3 = Often (Don't know/N.A. category not included in means calculations) |  |  |  |  |  |
| 13.1a. Academic advising/planning [SUPPORT] | USEACAD | 103,616 | 1.86 | 213,112 | 1.77 |
| 13.1b. Career counseling [SUPPORT] | USECACOU | 90,153 | 1.49 | 181,496 | 1.39 |
| 13.1c. Job placement assistance | USEJOBPL | 66,476 | 1.27 | 138,364 | 1.22 |
| 13.1d. Peer or other tutoring [STUEFF] | USETUTOR | 85,663 | 1.56 | 173,553 | 1.46 |


| Item | Variable | First-Generation |  | Not <br> First-Generation |  |
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|  |  | N | Mean | N | Mean |
| Item 13.1: How often do you use the following services at this college? |  |  |  |  |  |
| 1 = Rarely/Never, $2=$ Sometimes, 3 = Often (Don't know/N.A. category not included in means calculations) |  |  |  |  |  |
| 13.1e. Skill labs (writing, math, etc.) [STUEFF] | USELAB | 89,296 | 1.82 | 177,435 | 1.68 |
| 13.1f. Child care | USECHLD | 47,803 | 1.19 | 99,658 | 1.13 |
| 13.19. Financial aid advising | USEFAADV | 95,090 | 1.96 | 183,883 | 1.79 |
| 13.1h. Computer lab [STUEFF] | USECOMLB | 97,529 | 2.11 | 199,046 | 2.03 |
| 13.1i. Student organizations | USESTORG | 71,874 | 1.40 | 150,334 | 1.35 |
| 13.1j. Transfer credit assistance | USETRCRD | 70,312 | 1.50 | 157,126 | 1.55 |
| 13.1k. Services to students with disabilities | USEDISAB | 48,058 | 1.32 | 99,988 | 1.26 |
| Item 13.2: How satisfied are you with the following services at this college? |  |  |  |  |  |
| $1=$ Not at all, $2=$ Somewhat, $3=$ Very (N.A. category not included in means calculations) |  |  |  |  |  |
| 13.2a. Academic advising/planning | SATACAD | 94,033 | 2.29 | 189,807 | 2.24 |
| 13.2b. Career counseling | SATCACOU | 67,876 | 2.11 | 124,398 | 2.05 |
| 13.2c. Job placement assistance | SATJOBPL | 43,845 | 1.86 | 79,561 | 1.85 |
| 13.2d. Peer or other tutoring | SATTUTOR | 62,821 | 2.24 | 114,729 | 2.22 |
| 13.2e. Skill labs (writing, math, etc.) | SATLAB | 69,943 | 2.34 | 126,405 | 2.28 |
| 13.2f. Child care | SATCHLD | 25,323 | 1.79 | 42,199 | 1.77 |
| 13.2g. Financial aid advising | SATFAADV | 83,806 | 2.31 | 150,800 | 2.20 |


| Item | Variable | First-Generation |  | Not <br> First-Generation |  |
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|  |  | N | Mean | N | Mean |
| Item 13.2: How satisfied are you with the following services at this college? |  |  |  |  |  |
| $1=$ Not at all, $2=$ Somewhat, 3 = Very (N.A. category not included in means calculations) |  |  |  |  |  |
| 13.2h. Computer lab | SATCOMLB | 86,538 | 2.53 | 172,350 | 2.49 |
| 13.2i. Student organizations | SATSTORG | 48,396 | 2.04 | 92,790 | 2.04 |
| 13.2j. Transfer credit assistance | SATTRCRD | 51,928 | 2.09 | 114,271 | 2.11 |
| 13.2k. Services to students with disabilities | SATDISAB | 29,827 | 2.06 | 52,255 | 2.06 |
| Item 13.3: How important are the following services to you at this college? |  |  |  |  |  |
| 1 = Not at all, 2 = Somewhat, 3 = Very |  |  |  |  |  |
| 13.3a. Academic advising/planning | IMPACAD | 106,197 | 2.63 | 220,978 | 2.54 |
| 13.3b. Career counseling | IMPCACOU | 104,976 | 2.38 | 218,415 | 2.28 |
| 13.3c. Job placement assistance | IMPJOBPL | 103,806 | 2.13 | 216,103 | 2.06 |
| 13.3d. Peer or other tutoring | IMPTUTOR | 103,796 | 2.23 | 216,356 | 2.13 |
| 13.3e. Skill labs (writing, math, etc.) | IMPLAB | 103,370 | 2.32 | 215,393 | 2.17 |
| 13.3f. Child care | IMPCHLD | 103,002 | 1.76 | 214,226 | 1.70 |
| 13.3g. Financial aid advising | IMPFAADV | 104,113 | 2.57 | 216,362 | 2.42 |
| 13.3h. Computer lab | IMPCOMLB | 104,241 | 2.49 | 217,001 | 2.41 |
| 13.3i. Student organizations | IMPSTORG | 102,863 | 1.90 | 213,810 | 1.85 |
| 13.3j. Transfer credit assistance | IMPTRCRD | 103,875 | 2.22 | 216,189 | 2.28 |


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| Item | Variable | N | Mean | N | Mean |
| Item 13.3: How important are the following services to you at this college? |  |  |  |  |  |
| 1 = Not at all, 2 = Somewhat, 3 = Very |  |  |  |  |  |
| 13.3k. Services to students with disabilities | IMPDISAB | 103,696 | 2.07 | 215,251 | 2.03 |
| Item 14: 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 |  |  |  |  |  |
| 14a. Working full-time | WRKFULL | 111,174 | 2.26 | 228,557 | 2.18 |
| 14b. Caring for dependents | CAREDEP | 110,922 | 2.01 | 228,164 | 1.85 |
| 14c. Academically unprepared | ACADUNP | 110,496 | 1.71 | 227,635 | 1.65 |
| 14d. Lack of finances | LACKFIN | 110,820 | 2.60 | 228,069 | 2.39 |
| 14e. Transfer to a 4-year college or university | TRANSFER | 110,913 | 2.27 | 228,277 | 2.53 |
| Item 15 |  |  |  |  |  |
| 1 = Not very, 2 = Somewhat, 3 = Quite a bit, 4 = Extremely |  |  |  |  |  |
| 15. How supportive are your friends of your attending this college? | FRNDSUPP | 111,373 | 3.28 | 228,893 | 3.23 |
| Item 16 |  |  |  |  |  |
| 1 = Not very, 2 = Somewhat, 3 = Quite a bit, 4 = Extremely |  |  |  |  |  |
| 16. How supportive is your immediate family of your attending this college? | FAMSUPP | 110,978 | 3.51 | 228,329 | 3.52 |
| Item 23 |  |  |  |  |  |
| $0=$ None, $1=1-14$ credits, $2=15-29$ credits, $3=30-44$ credits, $4=45-60$ credits, $5=$ Over 60 credits |  |  |  |  |  |
| 23. How many total credit hours have you earned at this college, not counting the courses you are currently taking this term? | TOTCHRS | 110,984 | 2.15 | 228,243 | 2.19 |


|  |  | First-Generation |  | $\begin{gathered} \text { Not } \\ \text { First-Generation } \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Item | Variable | N | Mean | N | Mean |
| Item 25 |  |  |  |  |  |
| $1=$ None, $2=1$ class, $3=2$ classes, $4=3$ classes, $5=4$ classes or more cred |  |  |  |  |  |
| 25. How many classes are you presently taking at other institutions? | OTHINST | 112,021 | 1.40 | 230,158 | 1.37 |
| Item 27 |  |  |  |  |  |
| 1 = Poor, 2 = Fair, 3 = Good, $4=$ Excellent |  |  |  |  |  |
| 27. How would you evaluate your entire educational experience at this college? | ENTIREXP | 112,020 | 3.20 | 230,125 | 3.13 |

